



More than 200 functions in the switch range  
Gira E 22 Aluminium

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**[www.download.gira.com](http://www.download.gira.com)**

Operating instructions, software, advertising materials and more are available in the download area.

**[www.gira-akademie.de](http://www.gira-akademie.de)**

The Gira Academy website offers training courses and study programmes in German via the Internet.

**[www.marking.gira.com](http://www.marking.gira.com)**

With the Gira inscription service, you can professionally design call buttons for the Gira door stations, LED signal lamps or orientation plates.

**[www.media.gira.com](http://www.media.gira.com)**

The media database offers illustrations of products, logos, advertising materials etc.

**[www.press.gira.com](http://www.press.gira.com)**

The Gira press area with texts and press photos on current topics.

The Gira catalogue contains an overview of the product range. The product range may differ from the range shown here or other specifications may apply in the respective country. In case of queries, please contact your local representative.

Our worldwide agencies are listed on Page 8-9. Information is also available from Gira by calling  
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**Gira. Simply electrifying.**

Intelligent, forward-looking technology and flexible solutions combined with high quality of design: the modern electrical installation from Gira.

The combination of various fields is increasing in importance: More and more new technologies have fused through the Gira design platforms with the electrical installation and become part of the world of switches. Telecommunication connections, functions for bus technologies etc. have been integrated successfully – Gira is a founding member of the EIBA – and even LED illumination, door communication technology and Keyless In functions. Smoke detectors and alarm systems further round out the Gira assortment.

The products are developed under constant consultation with the electro-technical wholesale market, the electrical trade, the electro-technical retail market, and planners and architects. The goal is to implement the basic principles of the company regarding design and concept throughout all the featured objects.

The integrative thought processes and the openness of development are also shown in the design of the new Gira production facility. Designed by Ingenhoven architects, it further reflects the philosophy of the company, i.e. innovation, transparency and communication: The traditional separation of industrial and business-related workplaces was dispensed with here in favour of improved workflow and shorter paths of communication.

A high standard of quality in all areas of activity of the company is also confirmed by the Association for the Certification of Quality Management Systems (DQS) with the certificate pursuant to DIN EN ISO 9001:2000.

Innovation, transparency, communication and design: The production facility of Gira Kunststofftechnik symbolises the company's philosophy.





### Training and seminars

Several seminar and training rooms on the fourth floor of our sales centre are available to our partners.

In the lecture room, equipped with the most modern technology, up to 72 people can learn about the possibilities of a modern electrical installation.

Practice-oriented Instabus product training and special seminars are carried out in two other training rooms. Technical seminars are also held here.

The respective presentation materials, numerous computer workspaces and useful network geared toward training are available here.

In addition, our own exhibition room is an ideal forum for getting a comprehensive overview of the newest products and presenting them to customers.

Information on the topic of training and seminars can be found at [www.gira.de](http://www.gira.de), or attend the German-language Gira online training on various topics at [www.gira-akademie.de](http://www.gira-akademie.de)

Illustrations on left:

Rooms flooded with light and open architecture in the production building

Production

On right:

Aerial view of Gira plant premises in Radevormwald, Germany

Gira sales and training centre.

## Design awards



Gira flush-mounted radio

red dot award 2003,  
Design Zentrum NRW



Gira S-Color

Design quality 1985,  
Haus Industrieform  
Essen

red dot award 1985,  
Design Zentrum NRW

International  
Design Award 1988,  
Design Center  
Stuttgart

iF Product Design  
Award 1985,  
1987, 1988  
iF Design Hannover



Gira SmartSensor

red dot award 2004,  
Design Zentrum NRW

Nominated for the 2007  
Design Prize of the Federal  
Republic of Germany



Gira M217/M218 regulating unit

Plus X Award 2006,  
Innovation and  
Design Category

In addition to the highest possible technical quality, Gira places great value on the design of products and engages in intensive cooperation with internal and external design teams.

From this connection arise products characterised by an exceptional, clear design and which win over the most demanding design critics time and again.

Here's an overview of the distinctions and awarded Gira products.

In addition to the products shown, Gira has received prizes for:

Gira water-protected surface-mounted range  
- DEUBAU Product Prize Europe 1992

Gira data cap  
- red dot award 1995,  
Design Zentrum NRW

Gira Event  
- red dot award 1999,  
Design Zentrum NRW

Gira Stainless Steel Series 21  
- iF Product Design, Award 1996 and 1997,  
iF Design Hannover

Gira push button sensor 2  
- DESIGN PLUS 2000,  
light+building, Frankfurt  
- red dot award 2001,  
Design Zentrum NRW

Gira Standard home station with receiver  
- DESIGN PLUS 2002,  
light+building, Frankfurt

Gira door station profile

- iF Product Design Award 2003,  
iF Design Hannover  
- red dot award 2003,  
best of the best,  
Design Zentrum NRW

Gira modular function profile

- red dot award 2003,  
Design Zentrum NRW  
- Plus X Award 2006,  
Design Category



Gira InfoTerminalTouch

Plus X Award 2007

red dot award 2007  
Design Zentrum NRW

Nominated for the  
2008 Design Prize of  
the Federal Republic of  
Germany



Gira door station  
stainless steel

iF Product Design  
Award 2007,  
iF Design Hannover

Plus X Award 2007,  
Design Category



Gira E 22

iF Product Design  
Award 2007,  
iF Design Hannover

red dot award 2007,  
Design Zentrum NRW

Nominated for the  
2008 Design Prize of  
the Federal Republic of  
Germany



Gira Esprit

DESIGN PLUS 2000,  
light+building,  
Frankfurt

red dot award 2001,  
Design Zentrum NRW

Gira corporate identity  
- Design Prize of  
NRW 1995, Prize for  
Corporate Design and  
Design Management

Gira website  
- red dot award 2002,  
Design Zentrum NRW  
- D&AD award 2003,  
British Design &  
Art Direction, London

Gira trade fair presentation  
- Gold Award 2006  
for 20 years of cooperation  
with Ueberholz GmbH,  
Wuppertal  
Exhibit Design Awards,  
Rochester, MN  
- ADAM 2001,  
Award for outstanding trade  
fair presentations, 1st prize in  
151 – 500 m<sup>2</sup> Category,  
FAMAB Fachverband  
Messen- und Ausstellungs  
bau e.V. Rheda-Wiedenbrück

Gira Kunststofftechnik  
- Excellence in Technology  
of the Year Award 2005,  
Frost & Sullivan, London

Ranking Design 2000,  
best manufacturer in  
product group "living",  
best product designer in  
product group "living"

Ranking Design 2002,  
best manufacturer in  
product group "living"

Design Prize of NRW 2003,  
Price of Honour for Top Ten  
Design NRW

**DESIGN PLUS**

DESIGN PLUS  
light+building, Frankfurt



Design-Qualität,  
Haus Industrieform Essen



DEUBAU-Produkt-Preis



iF Product Design Award,  
iF Design Hannover



International Design Award,  
Design Center Stuttgart



red dot  
red dot award,  
Design Zentrum NRW



Exhibition Design Award



PLUS X AWARD

Plus X Award



DESIGNPREIS  
2008  
NOMINIERT

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All System 55 central inserts and cover plates are compatible with the cover frames of the Gira Standard 55, E2, Event and Esprit switch ranges, as well as in the Gira Profile 55 and in the modular function profile.

In addition, the TX\_44 switch range can also be expanded by using special intermediate plates with functions from System 55. As a result, these are also available for the Gira energy and light profiles.

This modular system makes for a trim product line that simultaneously offers a broad range and an attractive variety of products, making it the optimal choice for efficient stock-keeping.

There are more than 200 functions to choose from in System 55.

**Installation**  
suitable for vertical and horizontal installation

**Dimensions**  
**(H x W, mm)**  
55 x 55 mm  
corner radius: R = 0.5

**Material**  
thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant

**Colours and surfaces**  
pure white matt (similar to RAL 9010),  
pure white glossy (similar to RAL 9010),  
cream white glossy (similar to RAL 1013),  
anthracite,  
colour aluminium (lacquered)



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# Central inserts and cover plates System 55

## Central inserts and cover plates System 55

Push switches	12
Switches and push buttons	12
Socket outlets	18
Dimmers	24
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LED illumination	25
Push button sensors	26
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Communication technology	35
Revox multiroom system	39
Equipotential bonding socket	40
Surface-mounted	40
Profile 55	42
Other	42
Flush-mounted radio	43
Radio weather station	44

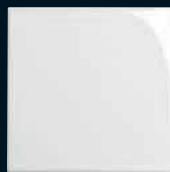
## combinable with

Standard 55	46
E2	54
Event	60
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Profile 55	154
Modular function profile	158
TX_44	164
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- 1 Anthracite
- 2 Colour aluminium
- 3 Pure white matt
- 4 Pure white glossy
- 5 Cream white glossy



- 6 Gira Standard 55
- 7 Gira Event
- 8 Gira E2
- 9 Gira Esprit
- 10 Rocker and SCHUKO socket outlet with child protection, System 55, pure white glossy



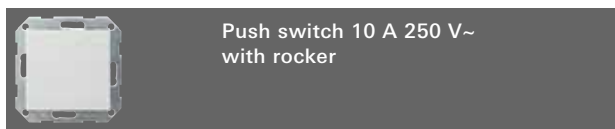
10

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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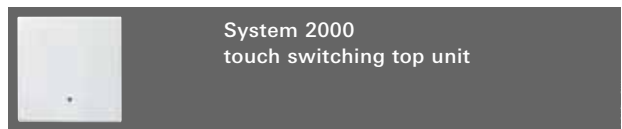
## Push switches

## Cover plates for switches and push buttons



Push switch 10 A 250 V~  
with rocker

The following cover plates and rockers are supplied without inserts. Please order separately from → Page 191.



System 2000  
touch switching top unit

**Universal off/2-way switch<sup>1)</sup>**

cream white glossy	<b>0126 01</b>	1/5	01
pure white glossy	<b>0126 03</b>	1/5	01
pure white matt	<b>0126 27</b>	1/5	01
anthracite	<b>0126 28</b>	1/5	11
colour aluminium	<b>0126 26</b>	1/5	11

cream white glossy	<b>2261 01</b>	1/5	02
pure white glossy	<b>2261 03</b>	1/5	02
pure white matt	<b>2261 27</b>	1/5	02
anthracite	<b>2261 28</b>	1/5	02
colour aluminium	<b>2261 26</b>	1/5	02

**Intermediate switch**

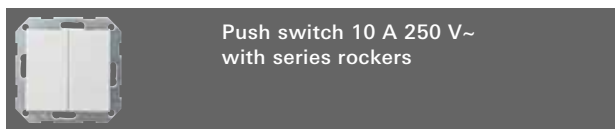
cream white glossy	<b>0127 01</b>	1/5	01
pure white glossy	<b>0127 03</b>	1/5	01
pure white matt	<b>0127 27</b>	1/5	01
anthracite	<b>0127 28</b>	1/5	11
colour aluminium	<b>0127 26</b>	1/5	11

Switching top unit for use with the System 2000 switch inserts. Lighting is controlled by lightly touching the operating area without the movement of mechanical elements.

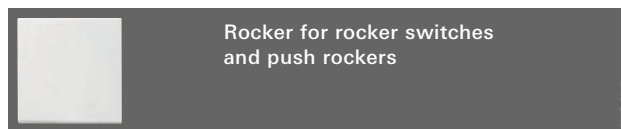
Touching the area carries out switch-on or switch-off. A blue orientation LED lights up as long as the load is switched off. It goes out when the load is switched on.

<sup>1)</sup>If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.  
**Acoustic element with illumination 0935 00 → Page 205.**

**System 2000 Tronic switch insert 0866 00 → Page 195.**  
**System 2000 Triac switch insert 0854 00 → Page 196.**  
**System 2000 relay insert 0853 00 → Page 196.**  
**System 2000 relay insert, zero-voltage, 1148 00 → Page 197.**  
**System 2000 HLK relay insert 0303 00 → Page 197.**  
**System 2000 impulse insert 0336 00 → Page 198.**



Push switch 10 A 250 V~  
with series rockers



Rocker for rocker switches  
and push rockers

**Series switch**

cream white glossy	<b>0125 01</b>	1/5	01
pure white glossy	<b>0125 03</b>	1/5	01
pure white matt	<b>0125 27</b>	1/5	01
anthracite	<b>0125 28</b>	1/5	11
colour aluminium	<b>0125 26</b>	1/5	11

cream white glossy	<b>0296 01</b>	10/100	01
pure white glossy	<b>0296 03</b>	10/100	01
pure white matt	<b>0296 27</b>	10/100	01
anthracite	<b>0296 28</b>	10/100	11
colour aluminium	<b>0296 26</b>	10/100	11

**Double 2-way switch**

cream white glossy	<b>0128 01</b>	1/5	01
pure white glossy	<b>0128 03</b>	1/5	01
pure white matt	<b>0128 27</b>	1/5	01
anthracite	<b>0128 28</b>	1/5	11
colour aluminium	<b>0128 26</b>	1/5	11

In combination with the sealing set and cover frames Standard 55 and E2, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush-mounted IP 44 (does not apply to series rockers).

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

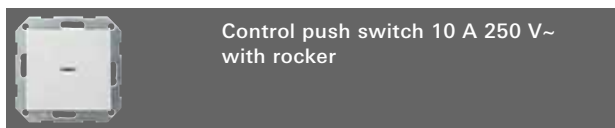
**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Screwable claw 1401 27 → Page 12.**

**Sealing set 0251 27 → Page 42.**

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**



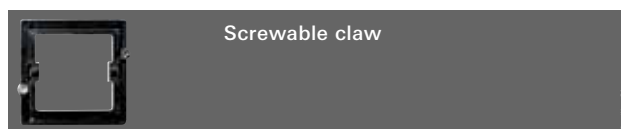
Control push switch 10 A 250 V~  
with rocker

**Universal off/2-way switch**

cream white glossy	<b>0136 01</b>	1/5	01
pure white glossy	<b>0136 03</b>	1/5	01
pure white matt	<b>0136 27</b>	1/5	01
anthracite	<b>0136 28</b>	1/5	11
colour aluminium	<b>0136 26</b>	1/5	11

**Circuit breaker 2-pole**

cream white glossy	<b>0122 01</b>	1/5	01
pure white glossy	<b>0122 03</b>	1/5	01
pure white matt	<b>0122 27</b>	1/5	01
anthracite	<b>0122 28</b>	1/5	11
colour aluminium	<b>0122 26</b>	1/5	11



Screwable claw


**1401 27**      5/25      01

With neon lamp element. For compliance with the workplace ordinance, can also be connected with illumination.

**Replacement neon lamp element 0997 00 → Page 204.**

Screwable claw for cover plates from System 55 for rocker switches and push rockers.

**Suitable for System 55 cover plate 0209 .., 0216 .., 0217 .., 0218 .., 0285 .., 0286 .., 0287 .., 0290 .., 0296 .., 0299 .., 0670 .., 0673 .., 0674 .., 0676 .., 0678 .., 0679 ..**

	Order no.	Packing unit	PS
	<b>Rocker with inscription space for rocker switches and push rockers</b>		
cream white glossy	<b>0299 01</b>	10	01
pure white glossy	<b>0299 03</b>	10	01
pure white matt	<b>0299 27</b>	10	01
anthracite	<b>0299 28</b>	10	11
colour aluminium	<b>0299 26</b>	1	11


Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included.

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Inscription sheets 1455 00 → Page 208.**

**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Rocker with large inscription space for rocker switches and push rockers</b>		
cream white glossy	<b>0676 01</b>	1	01
pure white glossy	<b>0676 03</b>	5	01
pure white matt	<b>0676 27</b>	5	01
anthracite	<b>0676 28</b>	1	11
colour aluminium	<b>0676 26</b>	1	11

With large inscription space (37 x 47 mm).


Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included.

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Inscription sheets 1456 00 → Page 208.**

**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Rocker with symbol for rocker switches and push rockers</b>		
<b>Light</b>			
cream white glossy	<b>0285 01</b>	10	01
pure white glossy	<b>0285 03</b>	10	01
pure white matt	<b>0285 27</b>	10	01
anthracite	<b>0285 28</b>	1	11
colour aluminium	<b>0285 26</b>	1	11


<b>Bell</b>			
cream white glossy	<b>0286 01</b>	10	01
pure white glossy	<b>0286 03</b>	10	01
pure white matt	<b>0286 27</b>	10	01
anthracite	<b>0286 28</b>	10	11
colour aluminium	<b>0286 26</b>	10	11

<b>Door</b>			
cream white glossy	<b>0287 01</b>	10	01
pure white glossy	<b>0287 03</b>	10	01
pure white matt	<b>0287 27</b>	10	01
anthracite	<b>0287 28</b>	1	11
colour aluminium	<b>0287 26</b>	1	11

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Rocker with large inscription space and large, raised symbols for rocker switches and push rockers</b>		
<b>Light</b>			
cream white glossy	<b>0216 01</b>	1	01
pure white glossy	<b>0216 03</b>	1	01
pure white matt	<b>0216 27</b>	1	01
anthracite	<b>0216 28</b>	1	11
colour aluminium	<b>0216 26</b>	1	11

<b>Bell</b>			
cream white glossy	<b>0217 01</b>	1	01
pure white glossy	<b>0217 03</b>	1	01
pure white matt	<b>0217 27</b>	1	01
anthracite	<b>0217 28</b>	1	11
colour aluminium	<b>0217 26</b>	1	11

<b>Door</b>			
cream white glossy	<b>0218 01</b>	1	01
pure white glossy	<b>0218 03</b>	1	01
pure white matt	<b>0218 27</b>	1	01
anthracite	<b>0218 28</b>	1	11
colour aluminium	<b>0218 26</b>	1	11

With large inscription space (37 x 47 mm).

Designed especially for barrier-free living of the seeing-impaired.

Neutral inscription label is included.


**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

**Acoustic element with illumination 0935 00 → Page 205.**

**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Inscription sheets 1456 00 → Page 208.**

**Screwable claw 1401 27 → Page 12.**


	Order no.	Packing unit	PS
	<b>Rocker with bell symbol and inscription space for push rockers</b>		
<b>Bell</b>			
cream white glossy	<b>0673 01</b>	1	01
pure white glossy	<b>0673 03</b>	10	01
pure white matt	<b>0673 27</b>	10	01
anthracite	<b>0673 28</b>	1	11
colour aluminium	<b>0673 26</b>	1	11

**Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 192.**

**Bus coupler push button 0181 00 → Page 310.**

**Inscription sheets 1455 00 → Page 208.**

**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Rocker with bell symbol and large inscription space for push rockers</b>		
<b>Bell</b>			
cream white glossy	<b>0679 01</b>	1	01
pure white glossy	<b>0679 03</b>	5	01
pure white matt	<b>0679 27</b>	5	01
anthracite	<b>0679 28</b>	1	11
colour aluminium	<b>0679 26</b>	1	11

With large inscription space (37 x 47 mm).


Neutral inscription label is included.

**Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 192.**


**Bus coupler push button 0181 00 → Page 310.**

**Inscription sheets 1456 00 → Page 208.**

**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Series rockers for rocker switches and push rockers</b>		
cream white glossy	<b>0295 01</b>	10/100	01
pure white glossy	<b>0295 03</b>	10/100	01
pure white matt	<b>0295 27</b>	10/100	01
anthracite	<b>0295 28</b>	10/100	11
colour aluminium	<b>0295 26</b>	10/100	11

Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 191.  
Bus coupler push button 0182 00, 0185 00 → Page 310.


	Order no.	Packing unit	PS
	<b>Series rockers with sealing set IP 44 for rocker switches and push rockers</b>		
<b>Standard 55, E2</b>			
cream white glossy	<b>0266 01</b>	1/5	01
pure white glossy	<b>0266 03</b>	1/5	01
pure white matt	<b>0266 27</b>	1/5	01
anthracite	<b>0266 28</b>	1/5	11
colour aluminium	<b>0266 26</b>	1/5	11

Series or double 2-way switches from System 55 can be installed as water-protected, flush-mounted IP 44 in conjunction with the cover frame Standard 55, 1 to 5-gang and cover frames E2, 1 to 5-gang. Scope of supply: Sealing set complete with series rockers for rocker switches and push rockers.


Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.

Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.

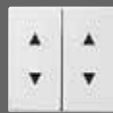
Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 191.

	Order no.	Packing unit	PS
	<b>Series rockers with control window for series control switches</b>		
cream white glossy	<b>0631 01</b>	1	01
pure white glossy	<b>0631 03</b>	1	01
pure white matt	<b>0631 27</b>	1	01
anthracite	<b>0631 28</b>	1	11
colour aluminium	<b>0631 26</b>	1	11


Series control switch insert 0145 00 → Page 191.  
Screwable claw 1401 27 → Page 12.

	Order no.	Packing unit	PS
	<b>Rockers with arrow symbol</b>		
cream white glossy	<b>0294 01</b>	10	01
pure white glossy	<b>0294 03</b>	10/100	01
pure white matt	<b>0294 27</b>	10/100	01
anthracite	<b>0294 28</b>	10	11
colour aluminium	<b>0294 26</b>	10	11

Blind button/switch inserts 0158 00, 0159 00 → Page 193.  
Bus-coupler button 0182 00 → Page 310.

	Order no.	Packing unit	PS
	<b>Rockers with arrow symbols</b>		
cream white glossy	<b>1150 01</b>	1	01
pure white glossy	<b>1150 03</b>	1	01
pure white matt	<b>1150 27</b>	1	01
anthracite	<b>1150 28</b>	1	11
colour aluminium	<b>1150 26</b>	1	11


Push rocker insert, 4-gang 0147 00 → Page 192.  
Bus coupler push button 0185 00 → Page 351.

	Order no.	Packing unit	PS
	<b>Rocker with control window for rocker switches and push rockers</b>		
cream white glossy	<b>0290 01</b>	10	01
pure white glossy	<b>0290 03</b>	10/100	01
pure white matt	<b>0290 27</b>	10/100	01
anthracite	<b>0290 28</b>	10	11
colour aluminium	<b>0290 26</b>	10	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.

Screwable claw 1401 27 → Page 12.

	Order no.	Packing unit	PS
	<b>Rocker with inscription space and control window for rocker switches and push rockers</b>		
cream white glossy	<b>0670 01</b>	1	01
pure white glossy	<b>0670 03</b>	10	01
pure white matt	<b>0670 27</b>	10	01
anthracite	<b>0670 28</b>	1	11
colour aluminium	<b>0670 26</b>	1	11


Inscription labels with „light“, „bell“ and „door“ symbols are included.

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.

Inscription sheets 1455 00 → Page 208.


Screwable claw 1401 27 → Page 12.

	Order no.	Packing unit	PS
	<b>Rocker with light symbol and control window for rocker switches and push rockers</b>		
<b>Light</b>			
cream white glossy	<b>0674 01</b>	10	01
pure white glossy	<b>0674 03</b>	10	01
pure white matt	<b>0674 27</b>	10	01
anthracite	<b>0674 28</b>	10	11
colour aluminium	<b>0674 26</b>	10	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.

Screwable claw 1401 27 → Page 12.


	Order no.	Packing unit	PS
	<b>Rocker with socket outlet symbol and control window for rocker switches and push rockers</b>		
<b>Socket outlet</b>			
cream white glossy	0209 01	1	01
pure white glossy	0209 03	1	01
pure white matt	0209 27	1	01
anthracite	0209 28	1	11
colour aluminium	0209 26	1	11

For switchable socket outlets.

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

**Bus-coupler push button 0181 00, 0184 00 → Page 310.**


**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Rocker with large control window for rocker switches and push rockers</b>		
cream white glossy	0298 01	1	01
pure white glossy	0298 03	10	01
pure white matt	0298 27	1	01
anthracite	0298 28	1	11
colour aluminium	0298 26	1	11

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Screwable claw 1401 27 → Page 12.**

	Order no.	Packing unit	PS
	<b>Rocker with light symbol and large control window for rocker switches and push rockers</b>		
<b>Light</b>			
cream white glossy	0630 01	1	01
pure white glossy	0630 03	1	01
pure white matt	0630 27	1	01
anthracite	0630 28	1	11
colour aluminium	0630 26	1	11

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**


**Bus-coupler push button 0181 00, 0184 00 → Page 310.**

**Screwable claw 1401 27 → Page 12.**


	Order no.	Packing unit	PS
	<b>Rocker labelled „Heizung Notschalter“ and control window for control switch</b>		
cream white glossy	0678 01	1	01
pure white glossy	0678 03	10	01
pure white matt	0678 27	10	01
anthracite	0678 28	1	11
colour aluminium	0678 26	1	11

**Control switch inserts 0112 00, 0116 00 → Page 191.**

**Screwable claw 1401 27 → Page 12.**


	Order no.	Packing unit	PS
	<b>Cover plate with knob for three-stage switch</b>		
<b>with zero setting</b>			
cream white glossy	0669 01	1	02
pure white glossy	0669 03	1	02
pure white matt	0669 27	1	02
anthracite	0669 28	1	02
colour aluminium	0669 26	1	02

**Three-stage switch insert 0149 00 → Page 192.**

	Order no.	Packing unit	PS
	<b>Cover plate for pull-switch and pull-button inserts</b>		
cream white glossy	0638 01	5	01
pure white glossy	0638 03	5	01
pure white matt	0638 27	5	01
anthracite	0638 28	1	11
colour aluminium	0638 26	1	11

Neutral and red lens included.


**Pull-switch/pull-button inserts 0142 00, 0146 00, 0165 00 → Page 192.**

	Order no.	Packing unit	PS
	<b>Hotel-card button 10 A 250 V~ with inscription space</b>		
<b>2-way switch, 1-pole</b>			
cream white glossy	0140 01	1	01
pure white glossy	0140 03	1	01
pure white matt	0140 27	1	01
anthracite	0140 28	1	11
colour aluminium	0140 26	1	11

The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.

**Additional designs on request.**

**Inscription sheets 1457 00 → Page 208.**

	Order no.	Packing unit	PS
	<b>Rocker switch 10 A 250 V~ with series rockers for hotel-status display</b>		
cream white glossy	1104 01	1	01
pure white glossy	1104 03	1	01
pure white matt	1104 27	1	01
anthracite	1104 28	1	11
colour aluminium	1104 26	1	11

Switch for hotel-status display „Do not disturb“ and „Make up room“.

With block preventing two-sided activation.

Electrically and mechanically locked.

**Hotel-status display 0297 .. → Page 16.**

**LED signal light red/green 1171 00 → Page 16.**

Order no.	Packing unit	PS
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Hotel-status display, 230 V~

cream white glossy	<b>0297 01</b>	1	01
pure white glossy	<b>0297 03</b>	1	01
pure white matt	<b>0297 27</b>	1	01
anthracite	<b>0297 28</b>	1	11
colour aluminium	<b>0297 26</b>	1	11

With green and red 230 V LED, labelling and symbols.  
For „Do not disturb“ and „Make up room“ indication.  
Installed in a device box in accordance with DIN 49073 (deep box).  
**Series switches for hotel-status display 1104 .. → Page 15.**



LED signal light, 230 V~, red/green

<b>1171 00</b>	1	02
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With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.

Power supply: 230 V AC, 50 Hz  
Power consumption: 1.0 W/5.6 VA  
Light intensity: 0.1 cd (red)  
0.3 cd (green)  
Protection type: IP 20  
Operating temperature: -15 °C to +40 °C

**Series switches for hotel-status display 1104 .. → Page 15.**  
**Rocker blind switch/button 0159 00 → Page 193.**  
**Inscription sheets 2870 .. → Page 209.**



Push button with short-stroke button  
0.5 A 42 V~ including rocker

<b>NO contact, 1-pole</b>			
cream white glossy	<b>0138 01</b>	1/5	01
pure white glossy	<b>0138 03</b>	1/5	01
pure white matt	<b>0138 27</b>	1/5	01
anthracite	<b>0138 28</b>	1/5	11
colour aluminium	<b>0138 26</b>	1/5	11

With screw terminals.  
For clamp and peg attachment.  
**Surface-mounted housing, flat design (E2, Event Esprit) 0219 .. → Page 40.**  
**Surface-mounted housing, flat design (Standard 55) 0219 .. → Page 40.**

Order no.	Packing unit	PS
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Push button with short-stroke button  
0.5 A 42 V~ including rocker and  
control window

<b>NO contact, 1-pole</b>			
cream white glossy	<b>0153 01</b>	1/5	01
pure white glossy	<b>0153 03</b>	1/5	01
pure white matt	<b>0153 27</b>	1/5	01
anthracite	<b>0153 28</b>	1/5	11
colour aluminium	<b>0153 26</b>	1/5	11

With screw terminals. For clamp and peg attachment. Can be illuminated using light bulb element with separate conductor.

**Light bulb element 12 V~ 049814 → Page 205.**  
**Surface-mounted housing, flat design (E2, Event Esprit) 0219 .. → Page 40.**  
**Surface-mounted housing, flat design (Standard 55) 0219 .. → Page 40.**



Push button sensor 2,  
1-gang 24 V, zero-voltage  
with inscription space

transparent white	<b>2001 100</b>	1	02
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Push button sensor 2 for connection to 24 V control systems  
**(SELV circuits only).**

- Rocker with two red LEDs for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 2 push buttons, 2 LEDs and background illumination via terminal block on the back.

Nominal voltage of push button: AC/DC 24 V SELV  
Load capacity of push button: max. 20 mA per push button  
Nominal voltage of LED: DC 24 V SELV  
Load capacity of LED: 1 mA per LED  
Connection: 2 x 9-pole terminal block  
0.25 to 0.8 mm<sup>2</sup> single-wire  
Temperature range: -5 °C to +45 °C  
Protection type: IP 20

**Inscription sheets 1090 00 → Page 209.**



	Order no.	Packing unit	PS
	Push button sensor 2, 3-gang 24 V, zero-voltage with inscription space		
transparent white	<b>2003 100</b>	1	02

Push button sensor 2 for connection to 24 V control systems (**SELV circuits only**).

- 3 rockers with two red LEDs each for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 6 push buttons, 6 LEDs and background illumination via terminal block on the back.

Nominal voltage of push

button: AC/DC 24 V SELV

Load capacity of push

button: max. 20 mA per push button

Nominal voltage of LED: DC 24 V SELV


Load capacity of LED: 1 mA per LED

Connection: 2 x 9-pole terminal block  
0.25 to 0.8 mm<sup>2</sup> single-wire

Temperature range: -5 °C to +45 °C

Protection type: IP 20

**Inscription sheets 1090 00 → Page 209.**

	RCD, 30 mA		
			
cream white glossy	<b>0114 01</b>	1	03
pure white glossy	<b>0114 03</b>	1	03
pure white matt	<b>0114 27</b>	1	03
anthracite	<b>0114 28</b>	1	03
colour aluminium	<b>0114 26</b>	1	03

RCD (residual-current device) with connection wires pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function.

Area of use: parapet ducts, in front of non-SCHUKO socket outlets or in Gira energy profiles.

Rated voltage: 230 V~ (AC)

Rated current: 16 A


Rated fault current: 30 mA

Ambient temperature: -25 °C to +40 °C

Connection cross section: 1.5 to 2.5 mm<sup>2</sup>

**Energy profiles 1341 .., 1342 .., 1343 .., 1349 .., 1351 .., 1353 .., 1354 .., 1355 .., 1356 .. → Page 180.**




	Cover plate with support ring for acceptance of command and signal devices with a diameter of Ø 22.5 mm		
			
cream white glossy	<b>0272 01</b>	1	01
pure white glossy	<b>0272 03</b>	5	01
pure white matt	<b>0272 27</b>	5	01
anthracite	<b>0272 28</b>	1	11
colour aluminium	<b>0272 26</b>	1	11

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.

	Order no.	Packing unit	PS
	Cover plate with support ring for acceptance of push-buttons, mushroom buttons etc. with a diameter of Ø 22.5 mm		
yellow, glossy	<b>0271 02</b>	1	01


For screw attachment.

	Complete cover plate with glass plate and rocker, with 1-gang cover frame		
			
red	<b>0288 27</b>	1	01
Replacement plate	<b>0099 27</b>	1	01


This cover plate fits on all flush-mounted rocker switches and push rockers. An inscription set with the following is included: Hausalarm, Notschalter, Rauchabzug and Heizung-Notschalter.

**Individual device. Not for combination. Not compatible with System 55 design.**

**Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**

	Blind cover plate with support ring		
			
cream white glossy	<b>0268 01</b>	10/100	01
pure white glossy	<b>0268 03</b>	10/100	01
pure white matt	<b>0268 27</b>	10/100	01
anthracite	<b>0268 28</b>	10/100	11
colour aluminium	<b>0268 26</b>	10/100	11


For screw attachment.

	Circuit breaker, 2-pole (BS 3676) 20 A 250 V~		
			
pure white glossy	<b>0131 03</b>	1	01
pure white matt	<b>0131 27</b>	1	01
anthracite	<b>0131 28</b>	1	11
colour aluminium	<b>0131 26</b>	10	11

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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## Socket outlets




**SCHUKO socket outlet 16 A/250 V~ with full cover plate for individual installation**

Standard 55	Order no.	Packing unit	PS
cream white glossy	<b>0440 01</b>	10/200	01
pure white glossy	<b>0440 03</b>	10/200	01
pure white matt	<b>0440 27</b>	10/200	01



**SCHUKO socket outlet 16 A 250 V~**

cream white glossy	<b>0188 01</b>	10/200	01
pure white glossy	<b>0188 03</b>	10/200	01
pure white matt	<b>0188 27</b>	10/200	01
anthracite	<b>0188 28</b>	10/200	11
colour aluminium	<b>0188 26</b>	10/200	11



**SCHUKO socket outlet 16 A 250 V~**

**with green cover plate for SV (safety supply)**

green, glossy	<b>0455 02</b>	1/5	01
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**with orange cover plate for ZSV (supplementary safety supply)**

orange, glossy	<b>0456 02</b>	1/5	01
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**with red cover plate for WSV (additional safety supply)**

red, glossy	<b>0449 02</b>	1/5	01
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The bases of the SCHUKO socket outlets are marked with the respective colour.



**SCHUKO socket outlet 16 A/250 V~ with „EDV“ labelling**

cream white glossy	<b>0458 01</b>	1/5	01
pure white glossy	<b>0458 03</b>	1/5	01
pure white matt	<b>0458 27</b>	1/5	01
anthracite	<b>0458 28</b>	1/5	11
colour aluminium	<b>0458 26</b>	1/5	11


**with green labelling EDV and SV for safety supply<sup>1)</sup>**

cream white glossy	<b>0463 01</b>	1/5	01
pure white glossy	<b>0463 03</b>	1/5	01
pure white matt	<b>0463 27</b>	1/5	01
anthracite	<b>0463 28</b>	1/5	11
colour aluminium	<b>0463 26</b>	1/5	11

**with orange labelling EDV and ZSV for additional safety supply<sup>1)</sup>**

cream white glossy	<b>0464 01</b>	1/5	01
pure white glossy	<b>0464 03</b>	1/5	01
pure white matt	<b>0464 27</b>	1/5	01
anthracite	<b>0464 28</b>	1/5	11
colour aluminium	<b>0464 26</b>	1/5	11

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.



**Extension claw for flush-mounted devices**

<b>049810</b>	10/50	01
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For installation in walls having thick plaster coatings/additional wall lining. Can be mounted in the device claws.

**Not to be used for:**

Blind switches with knob, key switches for cylinder lock, time switches, time clocks, electronic devices, multiple socket outlets, telecommunication jacks, room thermostats, cooker socket outlets.



**SCHUKO socket outlet 16 A/250 V~ without attachment claws**

cream white glossy	<b>0466 01</b>	10/200	01
pure white glossy	<b>0466 03</b>	10/200	01
pure white matt	<b>0466 27</b>	10/200	01
anthracite	<b>0466 28</b>	10/200	11
colour aluminium	<b>0466 26</b>	10/200	11

**with child protection and ⓘ symbol<sup>1)</sup>**

cream white glossy	<b>2755 01</b>	10/200	01
pure white glossy	<b>2755 03</b>	10/200	01
pure white matt	<b>2755 27</b>	10/200	01
anthracite	<b>2755 28</b>	10	11
colour aluminium	<b>2755 26</b>	10	11


<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



**SCHUKO socket outlet 16 A/250 V~ with child protection and ⓘ symbol**

cream white glossy	<b>0453 01</b>	10/200	01
pure white glossy	<b>0453 03</b>	10/200	01
pure white matt	<b>0453 27</b>	10/200	01
anthracite	<b>0453 28</b>	10/200	11
colour aluminium	<b>0453 26</b>	10/200	11

Increased contact protection pursuant to VDE 0620.



**SCHUKO socket outlet 16 A/250 V~ with inscription space**

cream white glossy	<b>0457 01</b>	1/5	01
pure white glossy	<b>0457 03</b>	1/5	01
pure white matt	<b>0457 27</b>	1/5	01
anthracite	<b>0457 28</b>	1/5	11
colour aluminium	<b>0457 26</b>	1/5	11

**with green cover plate for SV (safety supply)<sup>1)</sup>**

green, glossy	<b>0472 02</b>	1/5	01
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**with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup>**

orange, glossy	<b>0473 02</b>	1/5	01
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**with red cover plate for WSV (additional safety supply)<sup>1)</sup>**

red, glossy	<b>0474 02</b>	1/5	01
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Inscription label „EDV“ is included.

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.

**Inscription sheets 1455 00 → Page 208.**

Order no.	Packing unit	PS
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SCHUKO socket outlet 16 A/250 V~  
with inscription space,  
child protection and symbol

cream white glossy	<b>0462 01</b>	1/5	01
pure white glossy	<b>0462 03</b>	1/5	01
pure white matt	<b>0462 27</b>	1/5	01
anthracite	<b>0462 28</b>	1/5	11
colour aluminium	<b>0462 26</b>	1/5	11

**with green labelling SV for safety supply<sup>1)</sup>**

cream white glossy	<b>0438 01</b>	1/5	01
pure white glossy	<b>0438 03</b>	1/5	01
pure white matt	<b>0438 27</b>	1/5	01
anthracite	<b>0438 28</b>	1/5	11
colour aluminium	<b>0438 26</b>	1/5	11

**with orange labelling ZSV for additional safety supply<sup>1)</sup>**

cream white glossy	<b>0427 01</b>	1/5	01
pure white glossy	<b>0427 03</b>	1/5	01
pure white matt	<b>0427 27</b>	1/5	01
anthracite	<b>0427 28</b>	1/5	11
colour aluminium	<b>0427 26</b>	1/5	11

**with red labelling WSV for additional safety supply<sup>1)</sup>**

cream white glossy	<b>0421 01</b>	1/5	01
pure white glossy	<b>0421 03</b>	1/5	01
pure white matt	<b>0421 27</b>	1/5	01
anthracite	<b>0421 28</b>	1/5	11
colour aluminium	<b>0421 26</b>	1/5	11

Increased contact protection pursuant to VDE 0620.

Inscription label „EDV“ is included.

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.

Inscription sheets 1455 00 → Page 208.



SCHUKO socket outlet 16 A/250 V~  
with hinged cover

cream white glossy	<b>0454 01</b>	1/5	01
pure white glossy	<b>0454 03</b>	1/5	01
pure white matt	<b>0454 27</b>	1/5	01
anthracite	<b>0454 28</b>	1/5	11
colour aluminium	<b>0454 26</b>	1/5	11

**with child protection and symbol<sup>1)</sup>**

cream white glossy	<b>0414 01</b>	1/5	01
pure white glossy	<b>0414 03</b>	1/5	01
pure white matt	<b>0414 27</b>	1/5	01
anthracite	<b>0414 28</b>	1/5	11
colour aluminium	<b>0414 26</b>	1/5	11

**with green cover plate for SV (safety supply)<sup>2)</sup>**

green, glossy	<b>0415 02</b>	1/5	01
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**with orange cover plate for ZSV (supplementary safety supply)<sup>2)</sup>**

orange, glossy	<b>0416 02</b>	1/5	01
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**with red cover plate for WSV (additional safety supply)<sup>2)</sup>**

red, glossy	<b>0104 02</b>	1/5	01
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Install in combination with the sealing set and cover frames Standard 55 and E2, 1 to 5-gang, SCHUKO socket outlets with hinged cover, water-protected, flush-mounted IP 44.

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

<sup>2)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.

Sealing set 0252 27 → Page 42.

Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.

Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.

Order no.	Packing unit	PS
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SCHUKO socket outlet 16 A/250 V~  
with control light  
and inscription space

cream white glossy	<b>0452 01</b>	1/5	01
pure white glossy	<b>0452 03</b>	1/5	01
pure white matt	<b>0452 27</b>	1/5	01
anthracite	<b>0452 28</b>	1/5	11
colour aluminium	<b>0452 26</b>	1/5	11

**with green labelling SV for safety supply<sup>1)</sup>**

cream white glossy	<b>0468 01</b>	1/5	01
pure white glossy	<b>0468 03</b>	1/5	01
pure white matt	<b>0468 27</b>	1/5	01
anthracite	<b>0468 28</b>	1/5	11
colour aluminium	<b>0468 26</b>	1/5	11

**with orange labelling ZSV for additional safety supply<sup>1)</sup>**

cream white glossy	<b>0469 01</b>	1/5	01
pure white glossy	<b>0469 03</b>	1/5	01
pure white matt	<b>0469 27</b>	1/5	01
anthracite	<b>0469 28</b>	1/5	11
colour aluminium	<b>0469 26</b>	1/5	11

Inscription label „EDV“ is included.

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.

Inscription sheets 1455 00 → Page 208.



SCHUKO socket outlet 16 A/250 V~  
with LED orientation light,  
child protection and symbol

cream white glossy	<b>1170 01</b>	1/5	02
pure white glossy	<b>1170 03</b>	1/5	02
pure white matt	<b>1170 27</b>	1/5	02
anthracite	<b>1170 28</b>	1/5	02
colour aluminium	<b>1170 26</b>	1/5	02

SCHUKO socket outlet with inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on the LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

Power consumption:	0.25 W/0.35 VA/1.5 mA
Standby:	0.175 W/0.25 VA/1.0 mA
Light intensity:	0.2 cd
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Increased contact protection pursuant to VDE 0620.

## System 55 – Shatter-proof Socket outlets

GIRA

Order no.	Packing unit	PS
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SCHUKO socket outlet 16 A/250 V~  
with insert rotated 30°  
with child protection and symbol

cream white glossy	<b>0418 01</b>	1/5	01
pure white glossy	<b>0418 03</b>	1/5	01
pure white matt	<b>0418 27</b>	1/5	01
anthracite	<b>0418 28</b>	1/5	11
colour aluminium	<b>0418 26</b>	1/5	11

**with green cover plate for SV (safety supply)<sup>1)</sup>**  
green, glossy **2756 02** 01

**with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup>**  
orange, glossy **2757 02** 01

**with red cover plate for WSV (additional safety supply)<sup>1)</sup>**  
red, glossy **2758 02** 01

Particularly suitable for angled plugs.

Also suitable for use in energy profiles and under-floor systems.  
For screw attachment without fixing claws.

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.

Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~  
with voltage overload protection  
and inscription space

cream white glossy	<b>0451 01</b>	1/5	02
pure white glossy	<b>0451 03</b>	1/5	02
pure white matt	<b>0451 27</b>	1/5	02
anthracite	<b>0451 28</b>	1/5	02
colour aluminium	<b>0451 26</b>	1/5	02
red, glossy	<b>0451 02</b>	1/5	02

With acoustic signal. Inscription label „EDV“ is included. With screw terminals.

Maximum nominal discharge surge current: (8/20) to 4.5 kA

**Inscription sheets 1455 00 → Page 208.**



SCHUKO socket outlet 16 A/250 V~  
(T.N.O. tested according to  
KZ105.066)

cream white glossy	<b>0408 01</b>	10	01
pure white glossy	<b>0408 03</b>	10	01

With increased press-on pressure of the earthing strap.



Voltage-overload protection module  
with acoustic signal

**0339 00** 1 02

SCHUKO socket outlets can be outfitted as voltage-overload protection socket outlets with this module. The module is simply glued onto and connected to the socket outlet base. The devices connected to the socket outlet are then protected from dangerous excess voltages.

Maximum nominal discharge surge current: (8/20) to 4.5 kA



Order no.	Packing unit	PS
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RCD protection socket, 30 mA

with child protection and  symbol			
cream white glossy	<b>0477 01</b>	1	03
pure white glossy	<b>0477 03</b>	1	03
pure white matt	<b>0477 27</b>	1	03
anthracite	<b>0477 28</b>	1	03
colour aluminium	<b>0477 26</b>	1	03

SCHUKO socket outlet with integrated RCD (residual-current device) release principle pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function. Additional SCHUKO socket outlets can be connected to the connection wires, which are then also included in the fault current protection.

Rated voltage: 230 V~ (AC)  
Rated current: 16 A  
Rated fault current: 30 mA  
Ambient temperature: -25 °C to +40 °C  
Connection cross section: 1.5 to 2.5 mm<sup>2</sup>

Increased contact protection pursuant to VDE 0620.



RCD, 30 mA

cream white glossy	<b>0114 01</b>	1	03
pure white glossy	<b>0114 03</b>	1	03
pure white matt	<b>0114 27</b>	1	03
anthracite	<b>0114 28</b>	1	03
colour aluminium	<b>0114 26</b>	1	03

RCD (residual-current device) with connection wires pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function.

Area of use: parapet ducts, in front of non-SCHUKO socket outlets or in Gira energy profiles.

Rated voltage: 230 V~ (AC)  
Rated current: 16 A  
Rated fault current: 30 mA  
Ambient temperature: -25 °C to +40 °C  
Connection cross section: 1.5 to 2.5 mm<sup>2</sup>

**Energy profiles 1341 .., 1342 .., 1343 .., 1349 .., 1351 .., 1353 .., 1354 .., 1355 .., 1356 .. → Page 180.**

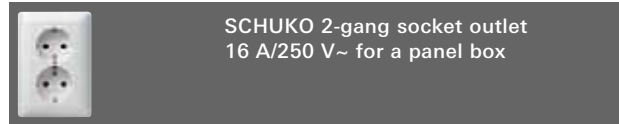


SCHUKO 2-gang socket outlet  
16 A/250 V~ with shaped cover frame

Standard 55			
cream white glossy	<b>0780 01</b>	1/10	01
pure white glossy	<b>0780 03</b>	1/10	01
pure white matt	<b>0780 04</b>	1/10	01

Suitable for all common 60 mm flush-mounted wall boxes.

Order no.	Packing unit	PS
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SCHUKO 2-gang socket outlet  
16 A/250 V~ for a panel box

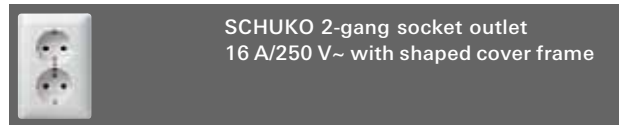
**with terminal plugs**

cream white glossy	<b>0788 01</b>	10/100	01
pure white glossy	<b>0788 03</b>	10/100	01
pure white matt	<b>0788 04</b>	10	01

**with screw terminals**

cream white glossy	<b>0790 01</b>	10/100	01
pure white glossy	<b>0790 03</b>	10	01
pure white matt	<b>0790 04</b>	10	01

Scope of supply does not include attachment claws.  
Fits in any common 60 mm flush-mounted wall box.

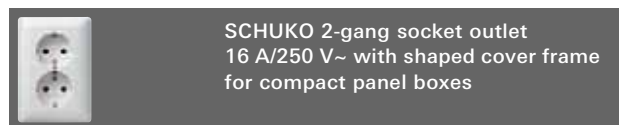


SCHUKO 2-gang socket outlet  
16 A/250 V~ with shaped cover frame

**with child protection and ⚡ symbol<sup>1)</sup>**

cream white glossy	<b>0783 01</b>	1/10	01
pure white glossy	<b>0783 03</b>	1/10	01
pure white matt	<b>0783 27</b>	1/10	01
anthracite	<b>0783 28</b>	1/10	01
colour aluminium	<b>0783 26</b>	1/10	01

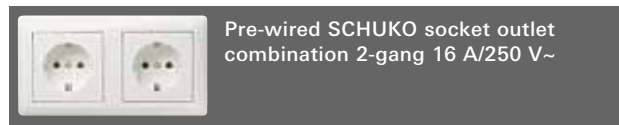
Suitable for all common 60 mm flush-mounted wall boxes.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



SCHUKO 2-gang socket outlet  
16 A/250 V~ with shaped cover frame  
for compact panel boxes

cream white glossy	<b>0782 01</b>	10/100	01
pure white glossy	<b>0782 03</b>	10/100	01
pure white matt	<b>0782 04</b>	10	01

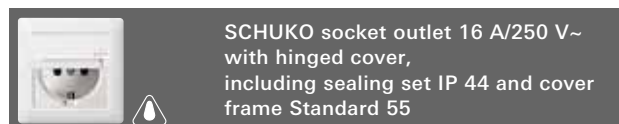
Suitable for compact panel boxes Attema UK 40 and type H 140 from ABB/HAF.



Pre-wired SCHUKO socket outlet  
combination 2-gang 16 A/250 V~

cream white glossy	<b>0793 01</b>	5	01
pure white glossy	<b>0793 03</b>	5	01
pure white matt	<b>0793 04</b>	5	01

Complete with central plates and cover frames, 2-gang, suitable for 2-gang panel box, e.g. from Kaiser, Attema UD50 and PVD 50, HAF 250 and G250 and click-duct boxes from Van Geel.



SCHUKO socket outlet 16 A/250 V~  
with hinged cover,  
including sealing set IP 44 and cover  
frame Standard 55

**Standard 55, 1-gang**

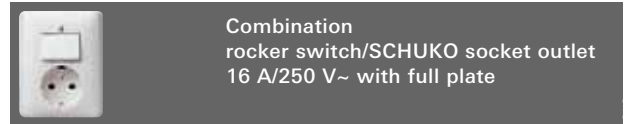
cream white glossy	<b>1157 01</b>	1	01
pure white glossy	<b>1157 03</b>	1	01

**Standard 55, 2-gang**

cream white glossy	<b>1158 01</b>	1	01
pure white glossy	<b>1158 03</b>	1	01

Set of SCHUKO socket outlets with hinged cover, sealing set IP 44 and cover frame Standard 55.

Order no.	Packing unit	PS
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Combination  
rocker switch/SCHUKO socket outlet  
16 A/250 V~ with full plate

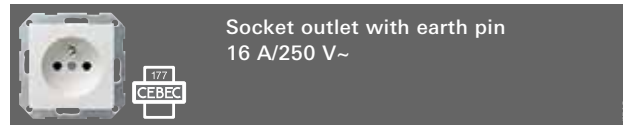
**Universal off/2-way switch**

cream white glossy	<b>0176 01</b>	1/10	01
pure white glossy	<b>0176 03</b>	1/10	01
pure white matt	<b>0176 04</b>	1/10	01

**Series switch**

cream white glossy	<b>0175 01</b>	1/10	01
pure white glossy	<b>0175 03</b>	1	01
pure white matt	<b>0175 04</b>	1	01

Not shatter-proof. With screw terminals.  
Suitable for all common 60 mm flush-mounted wall boxes.

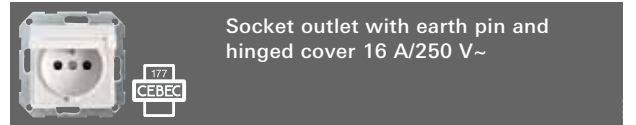


Socket outlet with earth pin  
16 A/250 V~

**with child protection and ⚡ symbol**

cream white glossy	<b>0485 01</b>	10	01
pure white glossy	<b>0485 03</b>	10	01
pure white matt	<b>0485 27</b>	10	01
anthracite	<b>0485 28</b>	10	11
colour aluminium	<b>0485 26</b>	10	11

Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin and  
hinged cover 16 A/250 V~

**with child protection and ⚡ symbol**

cream white glossy	<b>0488 01</b>	1/5	01
pure white glossy	<b>0488 03</b>	1/5	01
pure white matt	<b>0488 27</b>	1/5	01
anthracite	<b>0488 28</b>	1/5	11
colour aluminium	<b>0488 26</b>	1/5	11

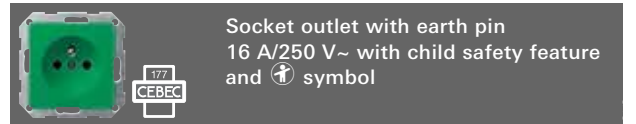
In combination with the sealing set and cover frames Standard 55, 1 to 5-gang, and E2 cover frames, 1 to 5-gang, socket outlets with earthing pin and hinged cover, water-protected, flush-mounted IP 44 can be installed.

Sealing set 0252 27 → Page 42.

Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.

Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.

Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin  
16 A/250 V~ with child safety feature  
and ⚡ symbol

**with green cover plate**

green, glossy	<b>0110 02</b>	1/5	01
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**with orange cover plate**

orange, glossy	<b>0115 02</b>	1/5	01
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**with red cover plate**

red, glossy	<b>0111 02</b>	1/5	01
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Increased contact protection pursuant to VDE 0620.

## System 55 – Shatter-proof Socket outlets

GIRA

Order no.	Packing unit	PS
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Socket outlet with earth pin and hinged cover 16 A/250 V~ with child safety feature and ⚡ symbol

with green cover plate	Order no.	Packing unit	PS
green, glossy	0478 02	1/5	01
with orange cover plate	Order no.	Packing unit	PS
orange, glossy	0471 02	1/5	01
with red cover plate	Order no.	Packing unit	PS
red, glossy	0486 02	1/5	01

In combination with the sealing set and cover frames Standard 55, 1 to 5-gang, and E2 cover frames, 1 to 5-gang, socket outlets with earthing pin and hinged cover, water-protected, flush-mounted IP 44 can be installed.

Sealing set 0252 27 → Page 42.

Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.

Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.

Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin 16 A/250 V~ with socket outlet symbol

with child protection and ⚡ symbol	Order no.	Packing unit	PS
cream white glossy	1190 01	1	01
pure white glossy	1190 03	1	01
pure white matt	1190 27	1	01
anthracite	1190 28	1	11
colour aluminium	1190 26	1	11

Approved for France according to NF C 61-314 (2003).

Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin 16 A/250 V~ with LED orientation light

with child protection and ⚡ symbol <sup>1)</sup>	Order no.	Packing unit	PS
cream white glossy	1172 01	1/5	02
pure white glossy	1172 03	1/5	02
pure white matt	1172 27	1/5	02
anthracite	1172 28	1/5	02
colour aluminium	1172 26	1/5	02

Socket outlet with earthing pin and inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on the LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

Power consumption:	0.25 W/0.35 VA/1.5 mA
Standby:	0.175 W/0.25 VA/1.0 mA
Light intensity:	0.2 cd
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

Order no.	Packing unit	PS
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2-gang socket outlet with earth pin 16 A/250 V~

with child protection and ⚡ symbol <sup>1)</sup>	Order no.	Packing unit	PS
pure white	0795 03	1	01

With 2-gang cover frame.

Suitable for all common 60 mm flush-mounted wall boxes.

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



Socket outlet with protective contact „EURO-US“ 10 A/250 V~

with child protection <sup>1)</sup>	Order no.	Packing unit	PS
pure white glossy	0117 03	1	01
pure white matt	0117 27	1	01
anthracite	0117 28	1	11
colour aluminium	0117 26	1	11

With fixing claws.

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



American socket outlet 2-pole + E 20 A 125 V~, NEMA 5-20 R

cream white glossy	0487 01	1/5	01
pure white glossy	0487 03	1/5	01
pure white matt	0487 27	1/5	01
anthracite	0487 28	1/5	11
colour aluminium	0487 26	1/5	11

For screw attachment only. Symbol labelling is possible here.



Socket outlet „British Standard“ (BS 1363) 13 A 250 V~

pure white glossy	0429 03	1/5	01
pure white matt	0429 27	1/5	01
anthracite	0429 28	1/5	11
colour aluminium	0429 26	1/5	11


For screw attachment only.




Socket outlet „British Standard“ can be switched off, 13 A 250 V~

with child protection <sup>1)</sup>	Order no.	Packing unit	PS
pure white glossy	0431 03	1	01
pure white matt	0431 27	1	01
anthracite	0431 28	1	11
colour aluminium	0431 26	1	11


<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	<b>HNA socket outlet</b> 16 A/250 V~		
cream white glossy	<b>0479 01</b>	1/5	01
pure white glossy	<b>0479 03</b>	1/5	01
pure white matt	<b>0479 27</b>	1/5	01
anthracite	<b>0479 28</b>	1/5	11
colour aluminium	<b>0479 26</b>	1/5	11


For screw attachment only.

	Order no.	Packing unit	PS
	<b>Danish socket outlet</b> with protective contact 107-2-D1, DK 1-1a, 16 A/250 V~		
<b>with child protection<sup>1)</sup></b>			
pure white glossy	<b>0422 03</b>	1/5	01
pure white matt	<b>0422 27</b>	1/5	01
anthracite	<b>0422 28</b>	1/5	11
colour aluminium	<b>0422 26</b>	1/5	11


<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	<b>Safety-razor socket outlet</b> pursuant to IEC 742		
<b>With full plate for individual installation</b>			
pure white glossy	<b>0419 03</b>	1	01
pure white matt	<b>0419 27</b>	1	01
anthracite	<b>0419 28</b>	1	11
colour aluminium	<b>0419 26</b>	1	11

Including compression-moulded flush-mounted box.  
Output: 20 VA, 230 V/115 V, selectable.

	Order no.	Packing unit	PS
	<b>Chinese socket outlet</b> 10 A/250 V~		
pure white glossy	<b>0420 03</b>	1	01
pure white matt	<b>0420 27</b>	1/5	01
anthracite	<b>0420 28</b>	1/5	11
colour aluminium	<b>0420 26</b>	10	11

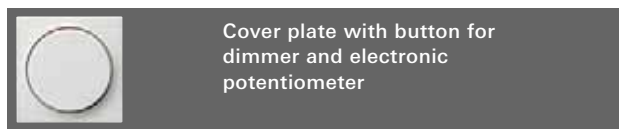
	Order no.	Packing unit	PS
	<b>Chinese socket outlet</b> 16 A/250 V~		
pure white glossy	<b>0424 03</b>	1	01
pure white matt	<b>0424 27</b>	1/5	01
anthracite	<b>0424 28</b>	1/5	11
colour aluminium	<b>0424 26</b>	1	11

	Order no.	Packing unit	PS
	<b>2-gang socket outlet</b> Chinese socket outlet 10 A and „EURO-US“ socket outlet 10 A		
<b>with child protection<sup>1)</sup></b>			
pure white glossy	<b>0425 03</b>	1	01
pure white matt	<b>0425 27</b>	1	01
anthracite	<b>0425 28</b>	1	11
colour aluminium	<b>0425 26</b>	10	11

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

Order no.	Packing unit	PS
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## Dimmers



Cover plate with button for dimmer and electronic potentiometer

cream white glossy	<b>0650 01</b>	10/100	02
pure white glossy	<b>0650 03</b>	10/100	02
pure white matt	<b>0650 27</b>	10/100	02
anthracite	<b>0650 28</b>	10	02
colour aluminium	<b>0650 26</b>	10	02

Universal rotary dimmer insert 1176 00 → Page 199.

Auxiliary insert 1177 00 → Page 199.

Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 201.

Light-bulb dimming insert 1184 00 → Page 201.

Light bulb dimming insert 0302 00 → Page 201.

Light-bulb dimming insert 1181 00 → Page 201.

Tronic dimming insert 1182 00 → Page 201.

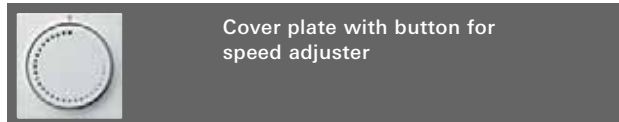
Tronic dimming insert 0307 00 → Page 201.

LV dimming insert 0306 00 → Page 202.

LV dimming insert 1183 00 → Page 202.

Electronic potentiometer insert 0308 00,

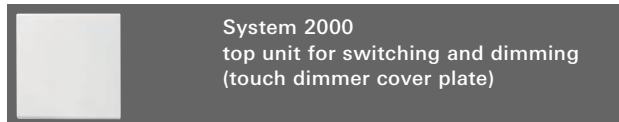
0309 00 → Page 202.



Cover plate with button for speed adjuster

cream white glossy	<b>0652 01</b>	1	02
pure white glossy	<b>0652 03</b>	1	02
pure white matt	<b>0652 27</b>	1	02
anthracite	<b>0652 28</b>	1	02
colour aluminium	<b>0652 26</b>	1	02

Speed adjuster insert 0314 00 → Page 192.



System 2000 top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	<b>0655 01</b>	1/5	02
pure white glossy	<b>0655 03</b>	1/5	02
pure white matt	<b>0655 27</b>	1/5	02
anthracite	<b>0655 28</b>	1/5	02
colour aluminium	<b>0655 26</b>	1/5	02

Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts. Operating temperature: -20 °C to +45 °C

System 2000 universal dimming insert 0305 00 → Page 194.

System 2000 LV dimmer insert 0331 00 → Page 194.

System 2000 1–10 V control device insert

0860 00 → Page 195.

System 2000 Tronic switch insert (only switching here)

0866 00 → Page 195.

System 2000 Triac switch insert (only switching here)

0854 00 → Page 196.

System 2000 relay insert (only switching here)

0853 00 → Page 196.

System 2000 relay insert, zero-voltage (only switching here)

1148 00 → Page 197.

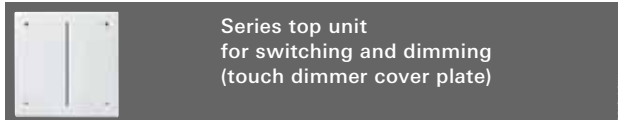
System 2000 HLK relay insert (only switching here)

0303 00 → Page 197.

System 2000 impulse insert 0336 00 → Page 198.

System 2000 auxiliary insert 0333 00 → Page 198.

Order no.	Packing unit	PS
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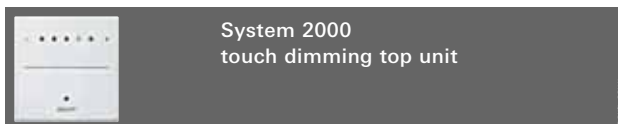
Series top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	<b>2264 01</b>	1	02
pure white glossy	<b>2264 03</b>	1	02
pure white matt	<b>2264 27</b>	1	02
anthracite	<b>2264 28</b>	1	02
colour aluminium	<b>2264 26</b>	1	02

Top unit with short-stroke button for use with the series dimming insert. Operation is carried out at the corner points of the button. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker. Pressing the centre at the top or bottom brightens or dims the two dimming circuits synchronously.

Operating temperature: -20 °C to +45 °C

Universal series dimming insert 2263 00 → Page 200.



System 2000 touch dimming top unit

cream white glossy	<b>2260 01</b>	1/5	02
pure white glossy	<b>2260 03</b>	1/5	02
pure white matt	<b>2260 27</b>	1/5	02
anthracite	<b>2260 28</b>	1/5	02
colour aluminium	<b>2260 26</b>	1/5	02

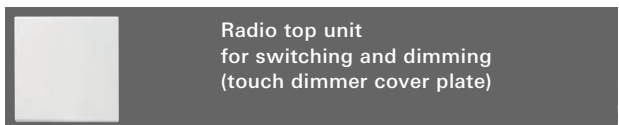
Dimming top unit for use with the System 2000 dimming inserts. Lighting control is carried out by lightly touching the operating area in nine steps without the movement of mechanical elements. A blue status LED, which lights up for orientation as long as the dimmer is switched off, is located in the lower half of the operating area. When this area is touched, the dimmer switches to the stored memory value.

The upper half of the operating area is divided into nine adjacent segments. The lighting can be operated directly from the switched-off state or from another dimming position. By running down this area with a finger, the light can glide to brighter or darker values. The approximate dimming position is indicated with five blue LEDs.

System 2000 universal dimming insert 0305 00 → Page 194.

System 2000 LV dimmer insert 0331 00 → Page 194.

System 2000 1–10 V control device insert 0860 00 → Page 195.



Radio top unit for switching and dimming (touch dimmer cover plate)

cream white glossy	<b>0543 01</b>	1/5	02
pure white glossy	<b>0543 03</b>	1/5	02
pure white matt	<b>0543 27</b>	1/5	02
anthracite	<b>0543 28</b>	1/5	02
colour aluminium	<b>0543 26</b>	1/5	02

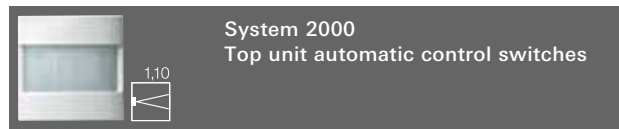
For use in the Gira radio bus system.

Functional description → Page 397.



Order no.	Packing unit	PS
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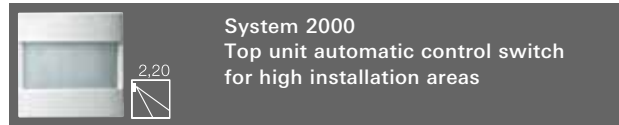
**Automatic light**



Standard top unit			
cream white glossy	1300 01	1/5	02
pure white glossy	1300 03	1/5	02
pure white matt	1300 27	1/5	02
anthracite	1300 28	1/5	02
colour aluminium	1300 26	1/5	02

Comfort top unit			
cream white glossy	0661 01	1	02
pure white glossy	0661 03	1	02
pure white matt	0661 27	1	02
anthracite	0661 28	1	02
colour aluminium	0661 26	1	02

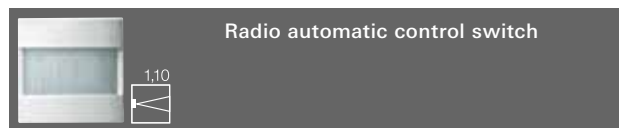
Functional description of standard top unit → Page 226.  
Functional description of comfort top unit → Page 226.



Standard top unit			
cream white glossy	1301 01	1/5	02
pure white glossy	1301 03	1/5	02
pure white matt	1301 27	1/5	02
anthracite	1301 28	1/5	02
colour aluminium	1301 26	1/5	02

Comfort top unit			
cream white glossy	0671 01	1	02
pure white glossy	0671 03	1	02
pure white matt	0671 27	1	02
anthracite	0671 28	1	02
colour aluminium	0671 26	1	02

Functional description of standard top unit for high installation areas → Page 227.  
Functional description of comfort top unit for high installation areas → Page 227.

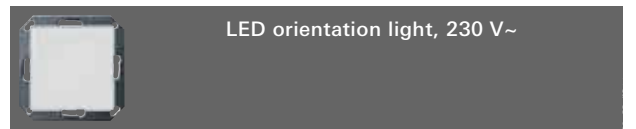


cream white glossy	1306 01	1	02
pure white glossy	1306 03	1	02
pure white matt	1306 27	1	02
anthracite	1306 28	1	02
colour aluminium	1306 26	1	02

For use in the Gira radio bus system.  
Functional description → Page 391.

Order no.	Packing unit	PS
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**LED illumination**



1169 00	1	02
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LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour can be set by stopping at the corresponding point. The brightness of the light can be set individually.

A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in. A stainless-steel slat (for reduction of glare) is included with the LED orientation light.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.8 W/2.0 VA
Light intensity:	1.2 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Inscription sheets 2870 .. → Page 209.



1171 00	1	02
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With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.


Power supply:	230 V AC, 50 Hz
Power consumption:	1.0 W/5.6 VA
Light intensity:	0.1 cd (red) 0.3 cd (green)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Series switches for hotel-status display 1104 .. → Page 15.  
Rocker blind switch/button 0159 00 → Page 193.  
Inscription sheets 2870 .. → Page 209.

# System 55 – Shatter-proof Push button sensors/cover plates for bus systems **GIRA**

Order no.	Packing unit	PS
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## Push button sensors/cover plates for bus systems



Push button sensor 2,  
1-gang without controller  
with inscription space

transparent white    **1011 100**    1/5    06


For use in the Gira bus systems.  
Functional description of Instabus system → Page 312.  
Functional description of radio bus system → Page 393.



Push button sensor 2,  
1-gang with controller  
with inscription space

transparent white    **1061 100**    1/5    06


For use in the Gira Instabus system.  
Functional description → Page 313.



Push button sensor 2,  
2-gang (1+1) without controller  
with inscription space

transparent white    **1012 100**    1    06


For use in the Gira bus systems.  
Functional description of Instabus system → Page 314.  
Functional description of radio bus system → Page 393.



Push button sensor 2,  
2-gang (1+1) with controller  
with inscription space

transparent white    **1062 100**    1    06

For use in the Gira Instabus system.  
Functional description → Page 315.




Push button sensor 2,  
3-gang without controller  
with inscription space

transparent white    **1013 100**    1/5    06

For use in the Gira bus systems.  
Functional description of Instabus system → Page 316.  
Functional description of radio bus system → Page 394.


Order no.	Packing unit	PS
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Push button sensor 2,  
3-gang with controller  
with inscription space

transparent white    **1063 100**    1/5    06


For use in the Gira Instabus system.  
Functional description → Page 316.



Push button sensor 2,  
4-gang (1+3) with controller  
with inscription space

transparent white    **1064 100**    1    06


For use in the Gira Instabus system.  
Functional description → Page 318.



Push button sensor 2,  
6-gang (3+3) with controller  
with inscription space

transparent white    **1066 100**    1    06


For use in the Gira Instabus system.  
Functional description → Page 319.



Push button sensor 2plus,  
2-gang with inscription space

transparent white    **1052 100**    1/5    06


For use in the Gira Instabus system.  
Functional description → Page 320.




Push button sensor 2plus,  
5-gang (2+3) with inscription space

transparent white    **1055 100**    1    06


For use in the Gira Instabus system.  
Functional description → Page 323.

	Order no.	Packing unit	PS
	<b>Radio top unit for switching and dimming (touch dimmer cover plate)</b>		
cream white glossy	<b>0543 01</b>	1/5	02
pure white glossy	<b>0543 03</b>	1/5	02
pure white matt	<b>0543 27</b>	1/5	02
anthracite	<b>0543 28</b>	1/5	02
colour aluminium	<b>0543 26</b>	1/5	02

Functional description of radio bus system → Page 397.

	Order no.	Packing unit	PS
	<b>Radio blind control button with sensor evaluation</b>		
cream white glossy	<b>0545 01</b>	1/5	02
pure white glossy	<b>0545 03</b>	1/5	02
pure white matt	<b>0545 27</b>	1/5	02
anthracite	<b>0545 28</b>	1/5	02
colour aluminium	<b>0545 26</b>	1/5	02


Functional description of radio bus system → Page 398.

	Order no.	Packing unit	PS
	<b>Radio wall transmitter, flat design, 1-gang</b>		
transparent white	<b>1111 100</b>	1/5	02

Functional description of radio bus system → Page 386.

	Order no.	Packing unit	PS
	<b>Radio wall transmitter, flat design, 3-gang</b>		
transparent white	<b>1113 100</b>	1/5	02

Functional description of radio bus system → Page 388.


	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB data interface with inscription space and removal protection</b>		
cream white glossy	<b>0558 01</b>	1	06
pure white glossy	<b>0558 03</b>	1	06
pure white matt	<b>0558 27</b>	1	06
anthracite	<b>0558 28</b>	1	06
colour aluminium	<b>0558 26</b>	1	06

### FT 1.2

cream white glossy	<b>0504 01</b>	1	06
pure white glossy	<b>0504 03</b>	1	06
pure white matt	<b>0504 27</b>	1	06
anthracite	<b>0504 28</b>	1	06
colour aluminium	<b>0504 26</b>	1	06

For use in the Gira Instabus system.

Functional description → Page 327.


	Order no.	Packing unit	PS
	<b>Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface</b>		
cream white glossy	<b>0276 01</b>	5	01
pure white glossy	<b>0276 03</b>	10/100	01
pure white matt	<b>0276 27</b>	10/100	01
anthracite	<b>0276 28</b>	5	11
colour aluminium	<b>0276 26</b>	5	11

with inscription space

cream white glossy	<b>0876 01</b>	1	01
pure white glossy	<b>0876 03</b>	1	01
pure white matt	<b>0876 27</b>	1	01
anthracite	<b>0876 28</b>	1	11
colour aluminium	<b>0876 26</b>	1	11


USB data interface UP 1070 00 → Page 351.

Inscription sheets 1455 00 → Page 208.

	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB Continuous regulator with 4-gang button interface including bus coupler</b>		
cream white glossy	<b>2100 01</b>	1	06
pure white glossy	<b>2100 03</b>	1	06
pure white matt	<b>2100 27</b>	1	06
anthracite	<b>2100 28</b>	1	06
colour aluminium	<b>2100 26</b>	1	06
Remote sensor	<b>1493 00</b>	1	02

For use in the Gira Instabus system.

Functional description → Page 329.

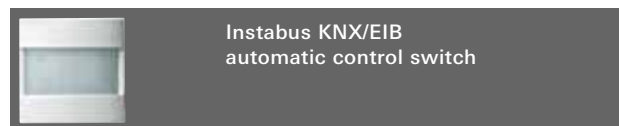
	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB Object regulator with 4-gang button interface including bus coupler</b>		
cream white glossy	<b>2101 01</b>	1	06
pure white glossy	<b>2101 03</b>	1	06
pure white matt	<b>2101 27</b>	1	06
anthracite	<b>2101 28</b>	1	06
colour aluminium	<b>2101 26</b>	1	06
Remote sensor	<b>1493 00</b>	1	02

For use in the Gira Instabus system.

Functional description → Page 330.

# System 55 – Shatter-proof Push button sensors/cover plates / Blind controller **GIRA**

Order no.	Packing unit	PS
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**Instabus KNX/EIB  
automatic control switch**

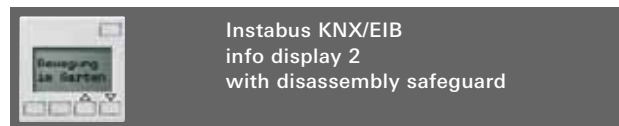
<b>Standard top unit</b>			
cream white glossy	<b>0880 01</b>	1/5	06
pure white glossy	<b>0880 03</b>	1/5	06
pure white matt	<b>0880 27</b>	1/5	06
anthracite	<b>0880 28</b>	1/5	06
colour aluminium	<b>0880 26</b>	1/5	06

<b>Comfort top unit</b>			
cream white glossy	<b>1304 01</b>	1/5	06
pure white glossy	<b>1304 03</b>	1/5	06
pure white matt	<b>1304 27</b>	1/5	06
anthracite	<b>1304 28</b>	1/5	06
colour aluminium	<b>1304 26</b>	1/5	06

<b>Standard top unit for high installation areas</b>			
cream white glossy	<b>0889 01</b>	1/5	06
pure white glossy	<b>0889 03</b>	1/5	06
pure white matt	<b>0889 27</b>	1/5	06
anthracite	<b>0889 28</b>	1/5	06
colour aluminium	<b>0889 26</b>	1/5	06

<b>Comfort top unit for high installation areas</b>			
cream white glossy	<b>1305 01</b>	1/5	06
pure white glossy	<b>1305 03</b>	1/5	06
pure white matt	<b>1305 27</b>	1/5	06
anthracite	<b>1305 28</b>	1/5	06
colour aluminium	<b>1305 26</b>	1/5	06

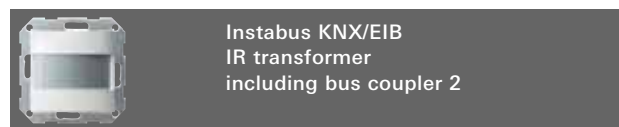
**For use in the Gira Instabus system.**  
**Functional description of standard top unit → Page 331.**  
**Functional description of comfort top unit → Page 332.**  
**Functional description of standard top unit for high installation areas → Page 331.**  
**Functional description of comfort top unit for high installation areas → Page 333.**



**Instabus KNX/EIB  
info display 2  
with disassembly safeguard**

cream white glossy	<b>0510 01</b>	1/5	06
pure white glossy	<b>0510 03</b>	1/5	06
pure white matt	<b>0510 27</b>	1/5	06
anthracite	<b>0510 28</b>	1/5	06
colour aluminium	<b>0510 26</b>	1/5	06

**For use in the Gira Instabus system.**  
**Functional description → Page 335.**



**Instabus KNX/EIB  
IR transformer  
including bus coupler 2**

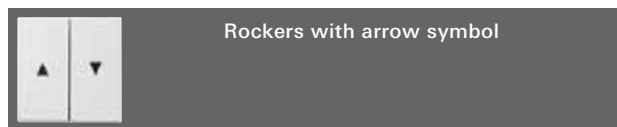
cream white glossy	<b>0588 01</b>	1	06
pure white glossy	<b>0588 03</b>	1	06
pure white matt	<b>0588 27</b>	1	06
anthracite	<b>0588 28</b>	1	06
colour aluminium	<b>0588 26</b>	1	06

**For use in the Gira Instabus system.**  
**Functional description → Page 335.**

Order no.	Packing unit	PS
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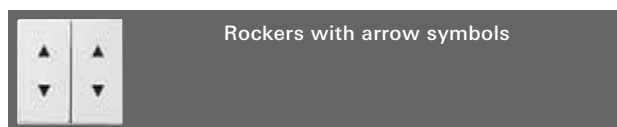
**Blind controller**



**Rockers with arrow symbol**

cream white glossy	<b>0294 01</b>	10	01
pure white glossy	<b>0294 03</b>	10/100	01
pure white matt	<b>0294 27</b>	10/100	01
anthracite	<b>0294 28</b>	10	11
colour aluminium	<b>0294 26</b>	10	11

**Blind button/switch inserts 0158 00, 0159 00 → Page 193.**  
**Bus-coupler button 0182 00 → Page 310.**



**Rockers with arrow symbols**

cream white glossy	<b>1150 01</b>	1	01
pure white glossy	<b>1150 03</b>	1	01
pure white matt	<b>1150 27</b>	1	01
anthracite	<b>1150 28</b>	1	11
colour aluminium	<b>1150 26</b>	1	11

**Push rocker insert, 4-gang 0147 00 → Page 192.**  
**Bus coupler push button 0185 00 → Page 351.**

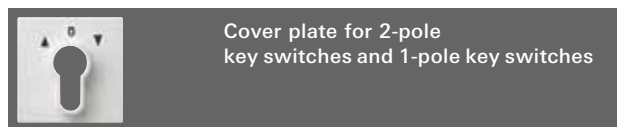


**Cover plate with knob for  
blind switch/button and timer**

cream white glossy	<b>0666 01</b>	5	01
pure white glossy	<b>0666 03</b>	5	01
pure white matt	<b>0666 27</b>	5	01
anthracite	<b>0666 28</b>	5	11
colour aluminium	<b>0666 26</b>	5	11

This cover plate can be used universally via replacement of the accompanying symbol plates for blind (▲, ▼) and time (15 min, 120 min).


**Blind button/switch inserts 0154 00, 0157 00 → Page 193.**  
**Timer inserts 0320 00, 0321 00 → Page 193.**




**Cover plate for 2-pole  
key switches and 1-pole key switches**

cream white glossy	<b>0664 01</b>	1	02
pure white glossy	<b>0664 03</b>	5	02
pure white matt	<b>0664 27</b>	5	02
anthracite	<b>0664 28</b>	1	02
colour aluminium	<b>0664 26</b>	1	02


**Key switch inserts 0144 00, 0163 00 → Page 193.**  
**Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207.**

	Order no.	Packing unit	PS
	<b>Blind control button standard top unit</b>		
cream white glossy	<b>0634 01</b>	1	02
pure white glossy	<b>0634 03</b>	1	02
pure white matt	<b>0634 27</b>	1	02
anthracite	<b>0634 28</b>	1	02
colour aluminium	<b>0634 26</b>	1	02


Functional description → Page 216.

	Order no.	Packing unit	PS
	<b>Blind control button top unit</b>		
cream white glossy	<b>0644 01</b>	1/5	02
pure white glossy	<b>0644 03</b>	1/5	02
pure white matt	<b>0644 27</b>	1/5	02
anthracite	<b>0644 28</b>	1/5	02
colour aluminium	<b>0644 26</b>	1/5	02


Functional description → Page 217.

	Order no.	Packing unit	PS
	<b>Blind control button top unit with sensor evaluation</b>		
cream white glossy	<b>0820 01</b>	1/5	02
pure white glossy	<b>0820 03</b>	1/5	02
pure white matt	<b>0820 27</b>	1/5	02
anthracite	<b>0820 28</b>	1/5	02
colour aluminium	<b>0820 26</b>	1/5	02

Functional description → Page 217.


	Order no.	Packing unit	PS
	<b>Top unit for blind control button with memory function and sensor evaluation</b>		
cream white glossy	<b>0822 01</b>	1/5	02
pure white glossy	<b>0822 03</b>	1/5	02
pure white matt	<b>0822 27</b>	1/5	02
anthracite	<b>0822 28</b>	1/5	02
colour aluminium	<b>0822 26</b>	1/5	02

Functional description → Page 218.


	Order no.	Packing unit	PS
	<b>Radio blind control button with sensor evaluation</b>		
cream white glossy	<b>0545 01</b>	1/5	02
pure white glossy	<b>0545 03</b>	1/5	02
pure white matt	<b>0545 27</b>	1/5	02
anthracite	<b>0545 28</b>	1/5	02
colour aluminium	<b>0545 26</b>	1/5	02

For use in the Gira radio bus system.


Functional description → Page 398.

	Order no.	Packing unit	PS
	<b>Top unit electronic blind controller "easy"</b>		
cream white glossy	<b>0841 01</b>	1/5	02
pure white glossy	<b>0841 03</b>	1/5	02
pure white matt	<b>0841 27</b>	1/5	02
anthracite	<b>0841 28</b>	1/5	02
colour aluminium	<b>0841 26</b>	1/5	02

Functional description → Page 219.

	Order no.	Packing unit	PS
	<b>Top unit for electronic blind controller 2</b>		
cream white glossy	<b>1308 01</b>	1	02
pure white glossy	<b>1308 03</b>	1	02
pure white matt	<b>1308 27</b>	1	02
anthracite	<b>1308 28</b>	1	02
colour aluminium	<b>1308 26</b>	1	02

Functional description → Page 219.

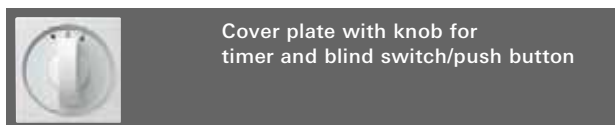
	Order no.	Packing unit	PS
	<b>Top unit for electronic blind controller 2 with sensor evaluation</b>		
cream white glossy	<b>1309 01</b>	1	02
pure white glossy	<b>1309 03</b>	1	02
pure white matt	<b>1309 27</b>	1	02
anthracite	<b>1309 28</b>	1	02
colour aluminium	<b>1309 26</b>	1	02

Functional description → Page 220.

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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## Time switch



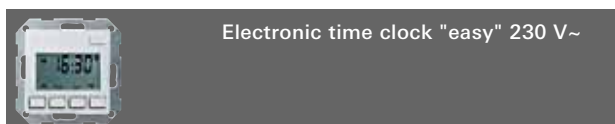
Cover plate with knob for timer and blind switch/push button

cream white glossy	<b>0666 01</b>	5	01
pure white glossy	<b>0666 03</b>	5	01
pure white matt	<b>0666 27</b>	5	01
anthracite	<b>0666 28</b>	5	11
colour aluminium	<b>0666 26</b>	5	11

This cover plate can be used universally via replacement of the accompanying symbol plates for time (15 min, 120 min) and blind (▲, ▼).

**Timer inserts 0320 00, 0321 00 → Page 193.**

**Blind button/switch inserts 0154 00, 0157 00 → Page 193.**



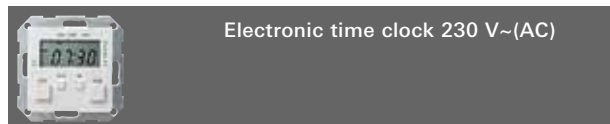
Electronic time clock "easy" 230 V~

cream white glossy	<b>1175 01</b>	1	02
pure white glossy	<b>1175 03</b>	1	02
pure white matt	<b>1175 27</b>	1	02
anthracite	<b>1175 28</b>	1	02
colour aluminium	<b>1175 26</b>	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



Electronic time clock 230 V~(AC)

cream white glossy	<b>0385 01</b>	1	02
pure white glossy	<b>0385 03</b>	1	02
pure white matt	<b>0385 27</b>	1	02
anthracite	<b>0385 28</b>	1	02
colour aluminium	<b>0385 26</b>	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).

The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Ambient temperature:	0 °C to +45 °C
connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



Order no.	Packing unit	PS
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## Room temperature controller



Room temperature controller 230 V~

**230/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

cream white glossy	<b>0392 01</b>	1/5	02
pure white glossy	<b>0392 03</b>	1/5	02
pure white matt	<b>0392 27</b>	1/5	02
anthracite	<b>0392 28</b>	1/5	02
colour aluminium	<b>0392 26</b>	1/5	02

**230/10 (4) A~ with NC contact<sup>1)</sup>**

cream white glossy	<b>0390 01</b>	1/5	02
pure white glossy	<b>0390 03</b>	1/5	02
pure white matt	<b>0390 27</b>	1/5	02
anthracite	<b>0390 28</b>	1/5	02
colour aluminium	<b>0390 26</b>	1/5	02

**230/5 (2) A~ with 2-way switch<sup>2)</sup>**

cream white glossy	<b>0396 01</b>	1/5	02
pure white glossy	<b>0396 03</b>	1/5	02
pure white matt	<b>0396 27</b>	1/5	02
anthracite	<b>0396 28</b>	1/5	02
colour aluminium	<b>0396 26</b>	1/5	02

For screw attachment only. Flat design.

Night-time heating reduction: approx. 4 K.

<sup>1)</sup>Contact rating: 2200 W.

<sup>2)</sup>Rated heating current: 10(4) A.

Contact rating for heating: 2200 W.

Rated cooling current: 5(2) A.

Contact rating for cooling: 1100 W.

**Thermal valve drive 230 V~ 1122 00 → Page 32.**



Room temperature controller 24 V~

**24/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

cream white glossy	<b>0393 01</b>	1/5	02
pure white glossy	<b>0393 03</b>	1/5	02
pure white matt	<b>0393 27</b>	1/5	02
anthracite	<b>0393 28</b>	1/5	02
colour aluminium	<b>0393 26</b>	1/5	02

**24/10 (4) A~ with NC contact<sup>1)</sup>**

cream white glossy	<b>0391 01</b>	1/5	02
pure white glossy	<b>0391 03</b>	1/5	02
pure white matt	<b>0391 27</b>	1/5	02
anthracite	<b>0391 28</b>	1/5	02
colour aluminium	<b>0391 26</b>	1/5	02

**24/5 (2) A~ with 2-way switch<sup>2)</sup>**

cream white glossy	<b>0397 01</b>	1/5	02
pure white glossy	<b>0397 03</b>	1/5	02
pure white matt	<b>0397 27</b>	1/5	02
anthracite	<b>0397 28</b>	1/5	02
colour aluminium	<b>0397 26</b>	1/5	02

For screw attachment only. Flat design.

Night-time heating reduction: approx. 4 K.

<sup>1)</sup>Contact rating: 240 W.

<sup>2)</sup>Rated heating current: 10(4) A.

Contact rating for heating: 240 W.

Rated cooling current: 5(2) A.

Contact rating for cooling: 120 W.

**Thermal valve drive 24 V 1123 00 → Page 33.**



Order no.	Packing unit	PS
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Room temperature controller 230 V~ with sensor, for electrical floor heating

**230/10 (4) A~ with NO contact**

cream white glossy	<b>0394 01</b>	1	02
pure white glossy	<b>0394 03</b>	1	02
pure white matt	<b>0394 27</b>	1	02
anthracite	<b>0394 28</b>	1	02
colour aluminium	<b>0394 26</b>	1	02

For screw attachment only.

Night-time reduction: approx. 5 K.

Contact rating: 2200 W.

Flat construction.

With remote sensors on 4 m cable (2 x 0.75 mm<sup>2</sup>), can be extended to 50 m with 1.5 mm<sup>2</sup> 2-lead cable.

Lay remote sensors in empty pipe in floor.



Room temperature controller 230 V~ with clock

cream white glossy	<b>0389 01</b>	1	02
pure white glossy	<b>0389 03</b>	1	02
pure white matt	<b>0389 27</b>	1	02
anthracite	<b>0389 28</b>	1	02
colour aluminium	<b>0389 26</b>	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. For example, heating units can be controlled directly via the switched output.

- Selectable operating modes „heating“ or „cooling“.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage: 230 V, 50 Hz

N conductor required

Contact rating:

8 (4) A

1 NO contact, with equipotential bonding (relay contact)

Temperature range:

+10 °C to +40 °C

(comfort/night-time reduction)

+5 °C to +15 °C

(frost protection temperature)

Ambient temperature:

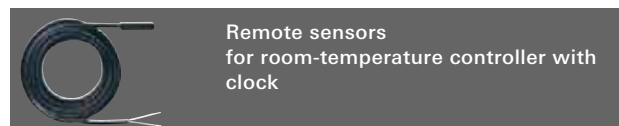
0 °C to +50 °C

**Remote sensor 1302 00 → Page 32.**

**Thermal valve drive 230 V~ 1122 00 → Page 32.**



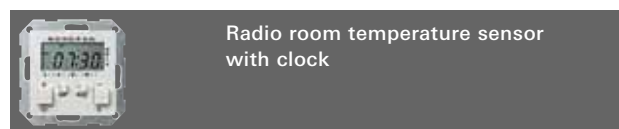
Order no.	Packing unit	PS
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black	<b>1302 00</b>	1	02
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Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **0389** ... Sensors in plastic cap with 6 mm Ø diameter and length of 43 mm.

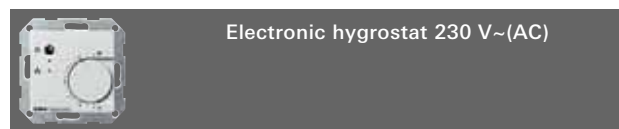
**Room temperature controller with clock 0389 ... → Page 31.**



cream white glossy	<b>1186 01</b>	1	02
pure white glossy	<b>1186 03</b>	1	02
pure white matt	<b>1186 27</b>	1	02
anthracite	<b>1186 28</b>	1	02
colour aluminium	<b>1186 26</b>	1	02

**For use in the Gira radio bus system.**

**Functional description → Page 391.**



cream white glossy	<b>2265 01</b>	1	02
pure white glossy	<b>2265 03</b>	1	02
pure white matt	<b>2265 27</b>	1	02
anthracite	<b>2265 28</b>	1	02
colour aluminium	<b>2265 26</b>	1	02

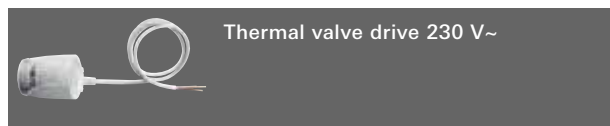
The hygrostat detects the humidity and the room temperature via internal sensors and calculates the optimum humidity of the air for the respective measured temperature. For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.

A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint: In this case, 60 % relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.

To prevent continuous operation of the fan with a generally high ambient humidity (e.g. when thunderstorms are possible), the hygrostat monitors the switch-on time. If the humidity does not drop below the set value after 1 hour, ventilation is interrupted for 4 hours. This interruption is indicated by an LED and can be manually influenced with a button.

Rated voltage:	230 V, 50 Hz
Contact rating:	8 (4) A 1 NO contact, with equipotential bonding (relay contact)
Control range:	20 % to 95 % rel. humidity
Measuring tolerance:	± 5% rel. humidity
Switching differential:	± 2%
Protection type:	IP 20
Operating temperature:	0 °C to +50 °C
Cable length to load:	max. 100 m

Order no.	Packing unit	PS
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	<b>1122 00</b>	5	06
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Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.

„First-open function“. The valve drive is „normally open“ in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

operating voltage:	230 V AC, 50/60 Hz
Power consumption:	approx. 2 W
Valve stroke:	3 mm
Running time:	60 s/mm
Regulating power:	90 N
Average temperature:	max. 100 °C
Connection line:	2 x 0.5 mm <sup>2</sup> 1 m
Dimensions:	W x H x D 43 x 53 x 53 mm

**Room-temperature controller 0390 .., 0392 .., 0396 ... → Page 31.**

**Room temperature controller with clock 0389 ... → Page 31.**

**Valve adapters 1124 00, 1125 00, 1126 00 → Page 33.**

**Cover plate of cable branch 0274 ... → Page 37.**

**Cable branch insert 0400 00 → Page 207.**



Order no.	Packing unit	PS
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Thermal valve drive 24 V

1123 00	1	06
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Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.

„First-open function“. The valve drive is „normally open“ in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

operating voltage: 24 V, 0 - 60 Hz

Power consumption: approx. 2 W

Valve stroke: 3 mm

Running time: 60 s/mm

Regulating power: 90 N

Average temperature: max. 100 °C

Connection line: 2 x 0.5 mm<sup>2</sup>

1 m

Dimensions: W x H x D 43 x 53 x 53 mm

Room-temperature controller 0391 ..., 0393 ..., 0397 ... → Page 31.

Valve adapters 1124 00, 1125 00, 1126 00 → Page 33.

Cover plate of cable branch 0274 ... → Page 37.

Cable branch insert 0400 00 → Page 207.

Order no.	Packing unit	PS
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Valve adapter for thermal valve drives  
24 V / 230 V

Adapter for Dumser, Vescal, Simplex 1124 00	5	06
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Adapter for MNG, Gazzaniga, Honeywell & Braukmann, Reich, Landis & Gyr 1125 00	5	06
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Adapter for Danfoss RA 1126 00	5	06
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Valve adapter for the thermal valve drive 24 V or 230 V for adaptation to the various valve lower sections.

Thermal valve drive 230 V 1122 00 → Page 32.

Thermal valve drive 24 V 1123 00 → Page 33.



Radio motor valve drive

1187 00	1	02
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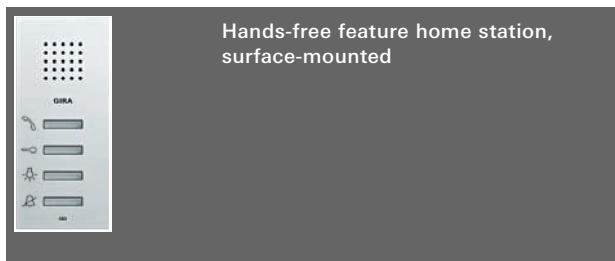
Remote sensor white 1188 00	1	02
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For use in the Gira radio bus system.

Functional description → Page 405.

Order no.	Packing unit	PS
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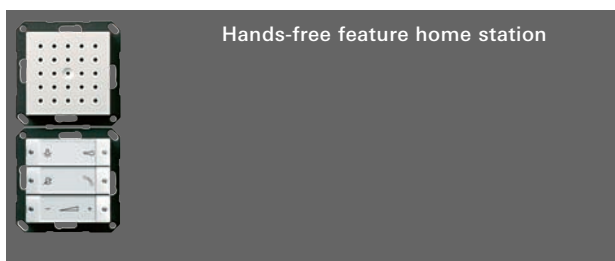
## Door communication system



Hands-free feature home station, surface-mounted

cream white glossy	1250 01	1	18
pure white glossy	1250 03	1	18
pure white matt	1250 27	1	18
anthracite	1250 28	1	18
colour aluminium	1250 26	1	18

**Additional products in door communication system and functional description → Page 266.**



Hands-free feature home station

<b>transparent white</b>			
cream white glossy	1280 101	1	18
pure white glossy	1280 103	1	18
pure white matt	1280 127	1	18
anthracite	1280 128	1	18
colour aluminium	1280 126	1	18

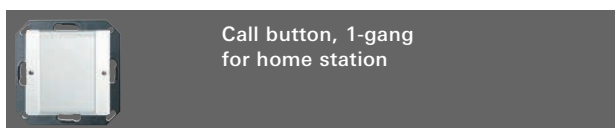
**Additional products in door communication system and functional description → Page 267.**



Standard home station with receiver

cream white glossy	1281 01	1	18
pure white glossy	1281 03	1	18
pure white matt	1281 27	1	18
anthracite	1281 28	1	18
colour aluminium	1281 26	1	18

**Additional products in door communication system and functional description → Page 268.**

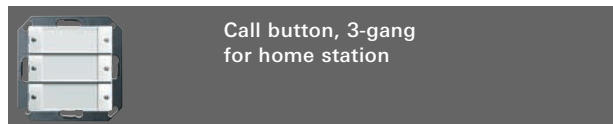


Call button, 1-gang for home station

transparent white	1283 100	1	18
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**Additional products in door communication system and functional description → Page 268.**

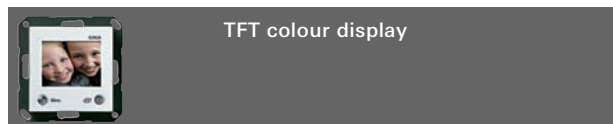
Order no.	Packing unit	PS
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Call button, 3-gang for home station

transparent white	1285 100	1	18
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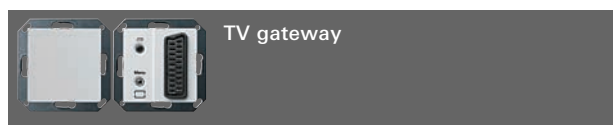
**Additional products in door communication system and functional description → Page 269.**



TFT colour display

cream white glossy	1286 01	1	10
pure white glossy	1286 03	1	10
pure white matt	1286 27	1	10
anthracite	1286 28	1	10
colour aluminium	1286 26	1	10

**Additional products in door communication system and functional description → Page 269.**



TV gateway

cream white glossy	2610 01	1	10
pure white glossy	2610 03	1	10
pure white matt	2610 27	1	10
anthracite	2610 28	1	10
colour aluminium	2610 26	1	10

**Functional description → Page 271.**



Surface-mounted gong

cream white glossy	1200 01	1	18
pure white glossy	1200 03	1	18
pure white matt	1200 27	1	18
anthracite	1200 28	1	18
colour aluminium	1200 26	1	18

**Additional products in door communication system and functional description → Page 273.**

Order no.	Packing unit	PS
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## Keyless In

As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.

Keyless In Keypad			
cream white glossy	2605 01	1	10
pure white glossy	2605 03	1	10
pure white matt	2605 27	1	10
anthracite	2605 28	1	10
colour aluminium	2605 26	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 280.

Keyless In Fingerprint reader			
cream white glossy	2607 01	1	10
pure white glossy	2607 03	1	10
pure white matt	2607 27	1	10
anthracite	2607 28	1	10
colour aluminium	2607 26	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 281.

Keyless In Transponder reader			
<b>System 55</b>			
cream white glossy	2606 01	1	10
pure white glossy	2606 03	1	10
pure white matt	2606 27	1	10
anthracite	2606 28	1	10
colour aluminium	2606 26	1	10

<b>Programming card</b>			
yellow/grey	2608 00	1	10

<b>Transponder key active</b>			
black	2609 00	1	10

<b>Transponder card passive</b>			
black/silver	2611 00	1	18

For use as a separate device or in the Gira door communication system. Functional description → Page 282.

Order no.	Packing unit	PS
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## Communication Technology

Data cap with support ring and inscription space for data and communication connection-technology inserts			
cream white glossy	0870 01	1	01
pure white glossy	0870 03	1	01
pure white matt	0870 27	1	01
anthracite	0870 28	1	11
colour aluminium	0870 26	1	11

For screw attachment only.  
For vertical and 30° tilted socket outlet.

Inserts for data caps → Page 288.

Inscription sheets 1457 00 → Page 208.



Attachable covering cap for device with cover plate (50 x 50 mm) and angled socket outlet			
cream white glossy	0682 01	1	01
pure white glossy	0682 03	1	01
pure white matt	0682 27	1	01
anthracite	0682 28	1	11
colour aluminium	0682 26	1	11

Devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. from Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat. 5 BIIC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante and Panduit (2-gang MSCSP 2) can be integrated in the switch range with this cover cap and cover frame (1 to 5-gang).

Cover plate for UAE/IAE (ISDN) 0270 .., 0284 .. → Page 37.

Inscription sheets 1457 00 → Page 208.

Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)			
cream white glossy	0282 01	5/25	01
pure white glossy	0282 03	5/25	01
pure white matt	0282 27	5/25	01
anthracite	0282 28	5/25	11
colour aluminium	0282 26	5/25	11

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.

Required for central plate (50 x 50 mm) for coaxial antenna socket, 4-gang 0258 .., 0259 .. → Page 38.

Order no.	Packing unit	PS
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Intermediate plate with round cut-out for devices with cover plate (50 x 50 mm)

cream white glossy	<b>0281 01</b>	5/25	01
pure white glossy	<b>0281 03</b>	5/25	01
pure white matt	<b>0281 27</b>	5/25	01
anthracite	<b>0281 28</b>	5	11
colour aluminium	<b>0281 26</b>	5	11

Devices of other manufacturers with square central plates can be integrated in the switch range with this intermediate plate and cover frame (1 to 5-gang).



Intermediate plate with square cut-out (45 x 45 mm)

cream white glossy	<b>0283 01</b>	5	01
pure white glossy	<b>0283 03</b>	5/25	01
pure white matt	<b>0283 27</b>	5/25	01
anthracite	<b>0283 28</b>	5	11
colour aluminium	<b>0283 26</b>	5	11

Devices with square central plates, e.g. for Alcatel data communication, from other manufacturers can be integrated into the System 55 with this intermediate plate and cover frame (1 to 5-gang).

Order no.	Packing unit	PS
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**Telecommunication**



Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface

cream white glossy	<b>0276 01</b>	5	01
pure white glossy	<b>0276 03</b>	10/100	01
pure white matt	<b>0276 27</b>	10/100	01
anthracite	<b>0276 28</b>	5	11
colour aluminium	<b>0276 26</b>	5	11

**with inscription space**

cream white glossy	<b>0876 01</b>	1	01
pure white glossy	<b>0876 03</b>	1	01
pure white matt	<b>0876 27</b>	1	01
anthracite	<b>0876 28</b>	1	11
colour aluminium	<b>0876 26</b>	1	11

Suitable for all common TAE connection boxes.

**TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 290.**

**Inscription sheets 1455 00 → Page 208.**



Cover plate for TDO connection box

<b>(for Austria only)</b>			
cream white glossy	<b>0260 01</b>	5	01
pure white glossy	<b>0260 03</b>	5	01
pure white matt	<b>0260 27</b>	5	01
anthracite	<b>0260 28</b>	1	11
colour aluminium	<b>0260 26</b>	1	11

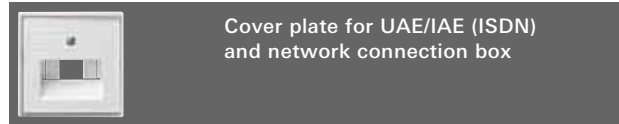
**with inscription space**

<b>(for Austria only)</b>			
cream white glossy	<b>0860 01</b>	1	01
pure white glossy	<b>0860 03</b>	1	01
pure white matt	<b>0860 27</b>	1	01
anthracite	<b>0860 28</b>	1	11
colour aluminium	<b>0860 26</b>	1	11

Suitable for all common TDO connection boxes.

**Inscription sheets 1455 00 → Page 208.**

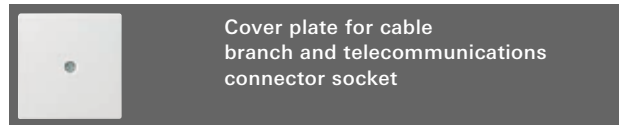
Order no.	Packing unit	PS
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Cover plate for UAE/IAE (ISDN) and network connection box

cream white glossy	<b>0270 01</b>	5	01
pure white glossy	<b>0270 03</b>	10/100	01
pure white matt	<b>0270 27</b>	10/100	01
anthracite	<b>0270 28</b>	10/100	11
colour aluminium	<b>0270 26</b>	10/100	11
<b>with inscription space</b>			
cream white glossy	<b>0284 01</b>	1	01
pure white glossy	<b>0284 03</b>	5	01
pure white matt	<b>0284 27</b>	5	01
anthracite	<b>0284 28</b>	5	11
colour aluminium	<b>0284 26</b>	5	11

Cover plate can be broken out.  
Suitable for UAE/IAE (ISDN) connection boxes.  
**UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 290.**  
**Network connection boxes 0166 00 → Page 291.**  
**Network connection boxes 0178 00, 0180 00, 0802 00, 0805 00 → Page 291.**  
**Attachable covering cap 0682 .. → Page 35.**



Cover plate for cable branch and telecommunications connector socket

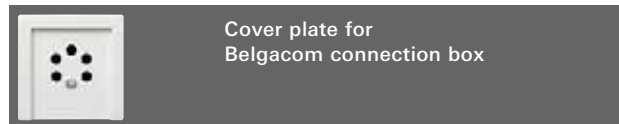
cream white glossy	<b>0274 01</b>	5	01
pure white glossy	<b>0274 03</b>	5	01
pure white matt	<b>0274 27</b>	5	01
anthracite	<b>0274 28</b>	5	11
colour aluminium	<b>0274 26</b>	5	11

Fits all common telecommunications connector sockets.  
**Cable branch insert 0400 00 → Page 290.**



Cover plate for KPN connection box 4-pole

cream white glossy	<b>0279 01</b>	10/100	01
pure white glossy	<b>0279 03</b>	10	01
pure white matt	<b>0279 27</b>	10	01
anthracite	<b>0279 28</b>	1	11
colour aluminium	<b>0279 26</b>	1	11

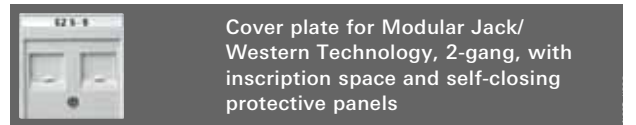


Cover plate for Belgacom connection box

cream white glossy	<b>0280 01</b>	1	01
pure white glossy	<b>0280 03</b>	1	01
pure white matt	<b>0280 27</b>	1	01
anthracite	<b>0280 28</b>	1	11
colour aluminium	<b>0280 26</b>	1	11

Order no.	Packing unit	PS
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Data systems technology



Cover plate for Modular Jack/Western Technology, 2-gang, with inscription space and self-closing protective panels

cream white glossy	<b>0663 01</b>	10/100	01
pure white glossy	<b>0663 03</b>	10/100	01
pure white matt	<b>0663 27</b>	10/100	01
anthracite	<b>0663 28</b>	10	11
colour aluminium	<b>0663 26</b>	10	11

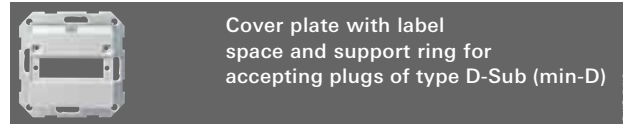
Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.

**Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1198 00, 1121 00 → Page 292.**

**Pin jack for Modular Jack 0043 00 → Page 292.**

**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**

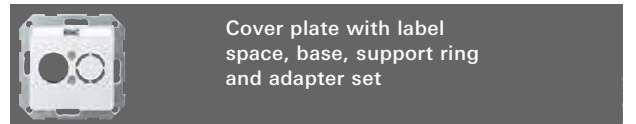
**Inscription sheets 1455 00 → Page 208.**



Cover plate with label space and support ring for accepting plugs of type D-Sub (min-D)

cream white glossy	<b>0278 01</b>	1	01
pure white glossy	<b>0278 03</b>	1	01
pure white matt	<b>0278 27</b>	1	01
anthracite	<b>0278 28</b>	1	11
colour aluminium	<b>0278 26</b>	1	11

E.g. for **V 24 (RS 232)** interface.  
**Plugs 0021 00, 0022 00, 0023 00 → Page 293.**  
**Inscription sheets 1455 00 → Page 208.**



Cover plate with label space, base, support ring and adapter set

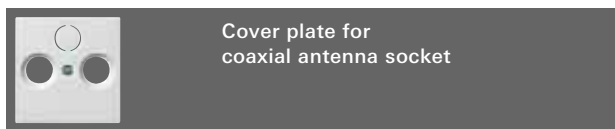
cream white glossy	<b>0277 01</b>	1/5	01
pure white glossy	<b>0277 03</b>	1/5	01
pure white matt	<b>0277 27</b>	1/5	01
anthracite	<b>0277 28</b>	1/5	11
colour aluminium	<b>0277 26</b>	1/5	11

Second hole can be broken out.  
For single-hole attachment with diameter  $\varnothing$  18 mm pursuant to DIN 41 524 or flange attachment with 22.2 mm hole spacing pursuant to DIN 51 529, BNC and TNC panel pin jacks. For signal and command devices with installation dimensions of  $\varnothing$  16.5 mm.  
**BNC panel pin jack 0025 00 → Page 293.**  
**BNC specialised plug 0026 00 → Page 293.**  
**Inscription sheets 1455 00 → Page 208.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**TV / Multimedia**

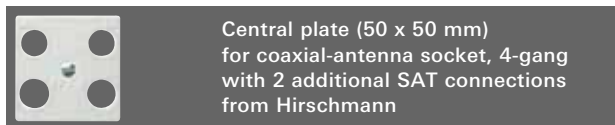


Cover plate for coaxial antenna socket

cream white glossy	<b>0869 01</b>	10/100	01
pure white glossy	<b>0869 03</b>	10/100	01
pure white matt	<b>0869 27</b>	10/100	01
anthracite	<b>0869 28</b>	10/100	11
colour aluminium	<b>0869 26</b>	10/100	11

Third hole can be broken out.

Antenna sockets **0041 00**, **0042 00**, **0046 00** and **0937 00** → Page 294.

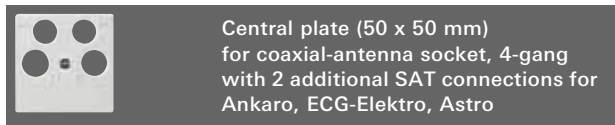


Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections from Hirschmann

cream white glossy	<b>0258 01</b>	5	01
pure white glossy	<b>0258 03</b>	5/25	01
black	<b>0258 10</b>	5	01

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.

Intermediate plate **0282 ..** → Page 35.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections for Ankaro, ECG-Elektro, Astro

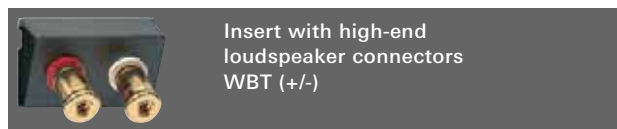
cream white glossy	<b>0259 01</b>	5	01
pure white glossy	<b>0259 03</b>	5/25	01
black	<b>0259 10</b>	5	01

Fits antenna socket, 4-gang Sat 400/EAS/DC from Ankaro, SEV 2 from ECG-Elektro and GUT 400 from Astro.

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.

Intermediate plate **0282 ..** → Page 35.

**Acoustics**



Insert with high-end loudspeaker connectors WBT (+/-)

<b>0091 00</b>	5	01
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For the professional connection of loudspeaker cables up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.

Does not fit water-protected surface-mounted system.

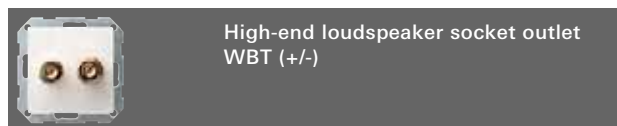
Material: OFC copper, 24-carat gold plated

Contact resistance: ≤ 0.1 mΩ with terminal attachment

≤ 0.15 mΩ with attachment via standard banana plug



Fits data cap **0870 ..** → Page 35.



High-end loudspeaker socket outlet WBT (+/-)

cream white glossy	<b>0407 01</b>	1/5	01
pure white glossy	<b>0407 03</b>	1/5	01
pure white matt	<b>0407 27</b>	1/5	01
anthracite	<b>0407 28</b>	1/5	11
colour aluminium	<b>0407 26</b>	1/5	11

For the professional connection of loudspeaker cables up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.

Material: OFC copper, 24-carat gold plated

Contact resistance: ≤ 0.1 mΩ with terminal attachment

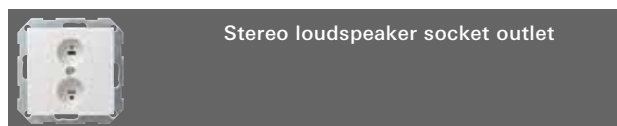
≤ 0.15 mΩ with attachment via standard banana plug



Chinch socket outlet

cream white glossy	<b>0403 01</b>	1/5	01
pure white glossy	<b>0403 03</b>	1/5	01
pure white matt	<b>0403 27</b>	1/5	01
anthracite	<b>0403 28</b>	1/5	11
colour aluminium	<b>0403 26</b>	1/5	11

For line diameter up to 10 mm<sup>2</sup>, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ..** or cover plate for loudspeaker plug (WBT) **0407 ..**




Stereo loudspeaker socket outlet

cream white glossy	<b>0402 01</b>	1/5	01
pure white glossy	<b>0402 03</b>	1/5	01
pure white matt	<b>0402 27</b>	1/5	01
anthracite	<b>0402 28</b>	1/5	11
colour aluminium	<b>0402 26</b>	1/5	11

With screw terminals.


Connectable line diameter max. 1.5 mm<sup>2</sup>.

For line diameter up to 10 mm<sup>2</sup>, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ..** or cover plate for loudspeaker plug (WBT) **0407 ..**

	Order no.	Packing unit	PS
	<b>Cover plate with support ring and adapter for XLR round plugs (D series)</b>		
cream white glossy	<b>0265 01</b>	1	01
pure white glossy	<b>0265 03</b>	5	01
pure white matt	<b>0265 27</b>	5	01
anthracite	<b>0265 28</b>	1	11
colour aluminium	<b>0265 26</b>	1	11

Adapter for level and slanted attachment.  
Screw attachment.

XLR plugs 0036 00, 0037 00 → Page 294.

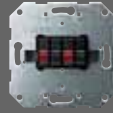
	Order no.	Packing unit	PS
	<b>Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface</b>		
cream white glossy	<b>0276 01</b>	5	01
pure white glossy	<b>0276 03</b>	10/100	01
pure white matt	<b>0276 27</b>	10/100	01
anthracite	<b>0276 28</b>	5	11
colour aluminium	<b>0276 26</b>	5	11

**with inscription space**

cream white glossy	<b>0876 01</b>	1	01
pure white glossy	<b>0876 03</b>	1	01
pure white matt	<b>0876 27</b>	1	01
anthracite	<b>0876 28</b>	1	11
colour aluminium	<b>0876 26</b>	1	11

Stereo loudspeaker connection box 1109 10 → Page 39.

Inscription sheets 1455 00 → Page 208.

	Order no.	Packing unit	PS
	<b>Stereo loudspeaker connection box „speaker terminal“</b>		
	<b>1109 10</b>	1/5	03


For connection of loudspeaker cables up to a maximum of 6 mm<sup>2</sup>.  
Connection on front:

- Quick mounting with screwless connection terminals
- Poling with coloured markings


Wall connection:

- Connection with screw terminals
- Flexible and rigid conductors possible
- Large clamping chamber for securing wires
- Pole marking on wall side


Suitable for cover plate 0276 .., 0876 .. → Page 39.

	Order no.	Packing unit	PS
<b>Revox multiroom system</b>			
	<b>Revox multiroom system M218 operating unit</b>		
cream white glossy	<b>0538 01</b>	1	06
pure white glossy	<b>0538 03</b>	1	06
pure white matt	<b>0538 27</b>	1	06
anthracite	<b>0538 28</b>	1	06
colour aluminium	<b>0538 26</b>	1	06

Functional description → Page 304.

	Order no.	Packing unit	PS
	<b>Revox multiroom system M217 display unit</b>		
cream white glossy	<b>0539 01</b>	1	06
pure white glossy	<b>0539 03</b>	1	06
pure white matt	<b>0539 27</b>	1	06
anthracite	<b>0539 28</b>	1	06
colour aluminium	<b>0539 26</b>	1	06

Functional description → Page 304.

	Order no.	Packing unit	PS
	<b>Revox multiroom system M217/M218 regulating unit</b>		
cream white glossy	<b>0540 01</b>	1	06
pure white glossy	<b>0540 03</b>	1	06
pure white matt	<b>0540 27</b>	1	06
anthracite	<b>0540 28</b>	1	06
colour aluminium	<b>0540 26</b>	1	06

Functional description → Page 304.

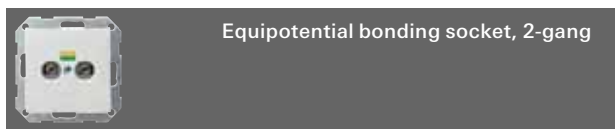
# System 55 – Shatter-proof Equipotential bonding socket / Surface-mounted GIRA

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

## Equipotential bonding socket

## Surface-mounted



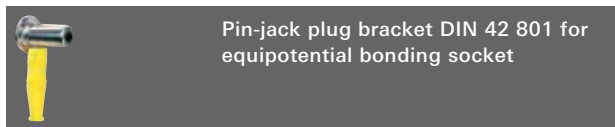
Equipotential bonding socket, 2-gang

cream white glossy	<b>0405 01</b>	1/5	01
pure white glossy	<b>0405 03</b>	1/5	01
pure white matt	<b>0405 27</b>	1/5	01
anthracite	<b>0405 28</b>	1/5	11
colour aluminium	<b>0405 26</b>	1/5	11

For the connection of medical devices. DIN 42 801.

Connectable line diameter: 6 to 10 mm<sup>2</sup>.

**Pin-jack plug bracket 044757** → Page 40.

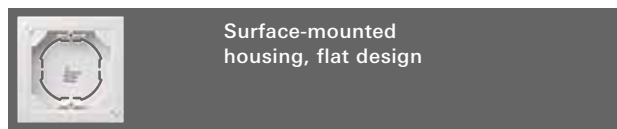


Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm <sup>2</sup>	<b>044757</b>	5/25	01
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With yellow insulating bush.

**Equipotential bonding socket 0405 ...** → Page 40.



Surface-mounted housing, flat design

<b>Standard 55</b>			
cream white glossy	<b>0219 01</b>	1	01
pure white glossy	<b>0219 03</b>	1	01
pure white matt	<b>0219 04</b>	1	01

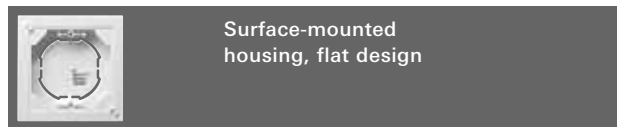
For push buttons with low voltage up to 42 V and radio wall transmitter insert. Not suitable for cable and duct entry. Scope of supply does not include cover frame.

**Suitable for:**

**Cover frame Standard 55, 1-gang 0211 01, 0211 03, 0211 04** → Page 48.

**Push button for low voltage up to 42 V 0138 01, 0138 03, 0138 27, 0153 01, 0153 03, 0153 27** → Page 16.

**Radio wall transmitter insert 0511 00** → Page 386.



Surface-mounted housing, flat design

<b>E2, Event, Esprit</b>			
pure white glossy	<b>0219 29</b>	1	01
pure white matt	<b>0219 27</b>	1	01
anthracite	<b>0219 28</b>	1	11
colour aluminium	<b>0219 26</b>	1	11

For push buttons with low voltage up to 42 V and radio wall transmitter insert. Not suitable for cable and duct entry. Scope of supply does not include cover frame.

**Fits:**

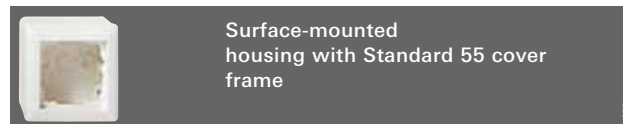
**cover frame, 1-gang E2, Event, Esprit 0211 ...**

**Push buttons for low voltage up to 42 V 0138 .., 0153 ..** → Page 16.

**Radio wall transmitter insert 0511 00** → Page 386.



Order no.	Packing unit	PS
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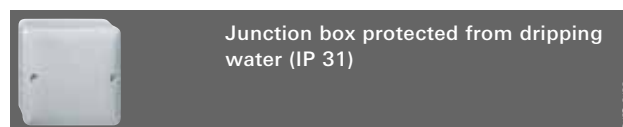
Surface-mounted housing with Standard 55 cover frame

<b>1-gang</b>			
cream white glossy	<b>0061 01</b>	10	13
pure white glossy	<b>0061 03</b>	10	13

<b>2-gang</b>			
cream white glossy	<b>0062 01</b>	5	13
pure white glossy	<b>0062 03</b>	5	13

<b>3-gang</b>			
cream white glossy	<b>0063 01</b>	1	13
pure white glossy	<b>0063 03</b>	1/10	13

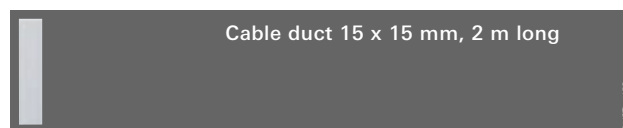
With cable and duct entry. With Standard 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)



Junction box protected from dripping water (IP 31)

cream white	<b>0070 01</b>	1	01
pure white	<b>0070 03</b>	1	01

With 3 cable and duct entries.



Cable duct 15 x 15 mm, 2 m long

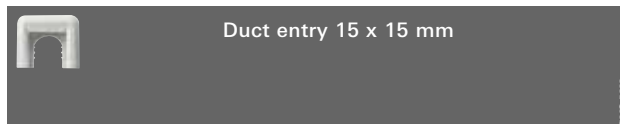
cream white	<b>0071 01</b>	1	01
pure white	<b>0071 03</b>	1	01

Structurally stable up to 60 °C.

Deformation may occur in strong sunlight.

**Price per metre. Sales length 6 x 2 m.**

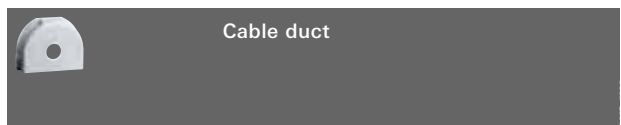
Order no.	Packing unit	PS
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Duct entry 15 x 15 mm

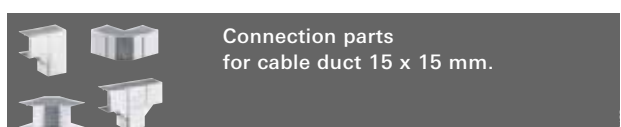
cream white	<b>0008 01</b>	5	01
pure white	<b>0008 03</b>	5	01

For cable duct 15 x 15 mm.



Cable duct

cream white	<b>0009 01</b>	5	01
pure white	<b>0009 03</b>	5	01



Connection parts for cable duct 15 x 15 mm.

<b>Flat bracket</b>			
cream white	<b>0075 01</b>	5	01
pure white	<b>0075 40</b>	5/25	01

<b>Inside corner</b>			
cream white	<b>0076 01</b>	5	01
pure white	<b>0076 40</b>	5	01

<b>Outside corner</b>			
cream white	<b>0077 01</b>	5	01
pure white	<b>0077 40</b>	5	01

<b>T-piece</b>			
cream white	<b>0078 01</b>	5	01
pure white	<b>0078 40</b>	5	01

All connection parts can be attached simply.

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

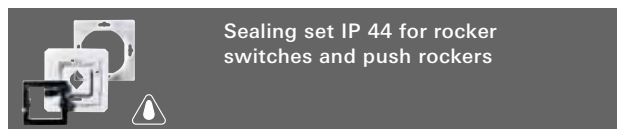
## Profile 55



<b>1-gang</b>			
pure white	<b>1361 27</b>	1	17
colour aluminium	<b>1361 26</b>	1	17
<b>2-gang</b>			
pure white	<b>1362 27</b>	1	17
colour aluminium	<b>1362 26</b>	1	17
<b>3-gang</b>			
pure white	<b>1363 27</b>	1	17
colour aluminium	<b>1363 26</b>	1	17
<b>5-gang</b>			
pure white	<b>1364 27</b>	1	17
colour aluminium	<b>1364 26</b>	1	17
<b>5-gang 600 mm</b>			
pure white	<b>1365 27</b>	1	17
colour aluminium	<b>1365 26</b>	1	17
<b>8-gang</b>			
pure white	<b>1366 27</b>	1	17
colour aluminium	<b>1366 26</b>	1	17

**Functional description and additional products**  
Profile 55 → Page 156.

## Other



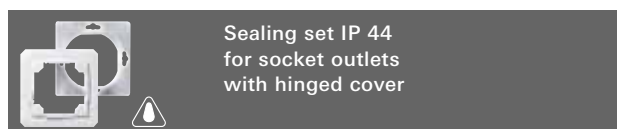
Sealing set IP 44 for rocker switches and push rockers

**0251 27**      5      01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**



Sealing set IP 44 for socket outlets with hinged cover

**0252 27**      5      01

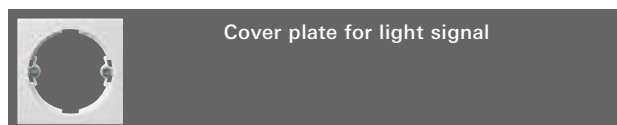
In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.

**SCHUKO socket outlet with hinged cover 0414 ..., 0454 .. → Page 19.**

**Socket outlet with earth pin and hinged cover 0488 .. → Page 21.**

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**



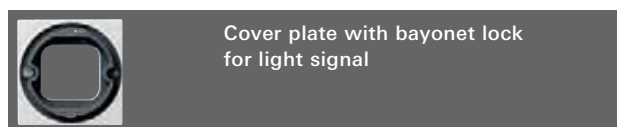
Cover plate for light signal

cream white glossy	<b>0660 01</b>	1	01
pure white glossy	<b>0660 03</b>	5	01
pure white matt	<b>0660 27</b>	1	01
anthracite	<b>0660 28</b>	1	11
colour aluminium	<b>0660 26</b>	1	11

**Light signal insert (E 10) 0160 00 → Page 206.**

**Light signal insert 0161 00 → Page 206.**

**Flat covering caps, can be inserted, 0801 20, 0803 20, 0804 20, 0806 20, 0807 20 → Page 206.**

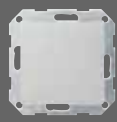


Cover plate with bayonet lock for light signal


cream white glossy	<b>0659 01</b>	1	01
pure white glossy	<b>0659 03</b>	1	01
pure white matt	<b>0659 27</b>	1	01
anthracite	<b>0659 28</b>	1	11
colour aluminium	<b>0659 26</b>	1	11

**Light signal insert 0161 00 → Page 206.**


**Covering caps with bayonet lock 0801 01, 0803 01, 0804 01, 0806 01 → Page 206.**

	Order no.	Packing unit	PS
	<b>Blind cover plate with support ring</b>		
cream white glossy	<b>0268 01</b>	10/100	01
pure white glossy	<b>0268 03</b>	10/100	01
pure white matt	<b>0268 27</b>	10/100	01
anthracite	<b>0268 28</b>	10/100	11
colour aluminium	<b>0268 26</b>	10/100	11


For screw attachment.

	Order no.	Packing unit	PS
	<b>Flush-mounted stove-connection box up to 2.5 mm<sup>2</sup></b>		
Up to 2.5 mm <sup>2</sup>	<b>017156</b>	1	02

Not shatter-proof. Super-flat with 5 x 2.5 mm<sup>2</sup> double terminals with only one central claw attachment screw.

	Order no.	Packing unit	PS
	<b>Surface-mounted and flush-mounted socket outlet for cooker</b>		
	<b>017121</b>	1	02

Not shatter-proof. With 5 x 2.5 mm<sup>2</sup> double terminals for screw and claw attachment as flush-mounted model for 60 mm and 70 mm flush-mounted boxes.

	Order no.	Packing unit	PS
<b>Flush-mounted radio</b>			
	<b>Flush-mounted radio</b>		
<b>transparent white</b>			
cream white glossy	<b>0315 101</b>	1	03
pure white glossy	<b>0315 103</b>	1	03
pure white matt	<b>0315 127</b>	1	03
anthracite	<b>0315 128</b>	1	03
colour aluminium	<b>0315 126</b>	1	03
<b>transparent white, complete with cover frame E2 pure white glossy</b>			
pure white glossy	<b>0495 75</b>	1	03

FM radio for flush-mounted installation, consisting of two flush-mounted inserts, an operating top unit and a loudspeaker top unit. The flush-mounted radio is installed in two flush-mounted device boxes (we recommend deep boxes) or, for hollow-wall installation, in a 2-gang device box. Only for screw attachment.

The operating element controls the following functions:

- On/Off.
- Station search.
- Loud/quiet.
- Station memory 1/2.

The device has two auxiliary inputs:

- For example, the radio can be switched on with the 230 V auxiliary input with a light switch or automatic control switch.
- The flush-mounted radio can be switched on/off using any zero-voltage NO contact via the zero-voltage auxiliary input. If a time clock is connected to the auxiliary input, the flush-mounted radio can also be used as a radio alarm clock.

Status LED for On/Off, Station search, Memory 1, Memory 2.

In the sleep mode, the device automatically switches off 30 minutes after being switched on.

Note: Reception interference can result in combination with additional electronic devices under a common cover plate.

Power supply: AC 230 V  
 Connection: Screw terminals  
 for max. 2.5 mm<sup>2</sup>  
 or 2 x 1.5 mm<sup>2</sup>

Temperature range: 0 °C to +50 °C

Protection type: IP 20

Frequency range: 87.50 to 108.00 MHz



# System 55 – Shatter-proof Radio weather station incl. radio for radio sensor **GIRA**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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## Radio weather station incl. radio for radio sensor



Radio weather station  
incl. radio for radio sensor

cream white glossy	<b>0334 01</b>	1	03
pure white glossy	<b>0334 03</b>	1	03
pure white matt	<b>0334 27</b>	1	03
anthracite	<b>0334 28</b>	1	03
colour aluminium	<b>0334 26</b>	1	03

<b>complete with cover frame E2 pure white glossy</b>			
pure white glossy	<b>0495 78</b>	1	03

The set consists of a radio weather station for inside and a radio sensor for outside or inside installation.

### Radio weather station

- Design diversity via integration in System 55/E22.
- Installation possible with or without cover frame.  
Note: A 2-gang cover frame without crossbar is required when installing in a 58 mm flush-mounted box.
- Power supply via 2 CR 2032 button cells or optional power adapter **0341 00**.
- Up to 4 radio sensors can be learned in.
- Weather forecasts with animated symbols.
- Battery status display for radio weather station and radio sensor.
- Display of inside and outside temperature with trend display.
- Display of inside and outside humidity with trend display.
- Barometer with trend display.
- Display of the phases of the moon.
- Time and date display.

### Radio sensor

- Sprayed-water protected housing.
- Two-line LCD display with time, temperature or humidity display.
- Radio controlled clock.
- Battery change and channel display.
- Table stand or wall hanger.

### Radio weather station

Dimensions: W x H x D 55 x 127 x 20 mm  
 Batteries: 2 x Lithium round cell (CR 2032)  
 (batteries included in the scope of supply are consumables and must be replaced regularly)

Temperature  
 Measurement range: -5 °C to +50 °C (+23 °F to +122 °F)  
 Resolution: 0,1 °C (0.2 °F)  
 Relative humidity  
 Measurement range: 25 % to 95 %  
 Resolution: 1 %  
 Barometer  
 Measurement range: 700 mb/hPa to 1050 mb/hPa  
 20.67 inHg to 31.01 inHg


### Radio sensor

Dimensions: W x H x D 70 x 116 x 24 mm  
 Batteries: 2 x 1.5 V Mignon LR06 (AA)  
 (batteries included in the scope of supply are consumables and must be replaced regularly)

Temperature  
 Measurement range: -20 °C to +60 °C (-4 °F to +140 °F)  
 Resolution: 0,1 °C (0.2 °F)  
 Relative humidity  
 Measurement range: 25 % to 95 %  
 Resolution: 1 %  
 Transmission frequency: 433 MHz  
 Range: approx. 100 m (free field)

**Installation possible without cover frame or with System 55 cover frame, 2-gang without crossbar 1002 ...**  
**Additional outside sensor 0343 00 → Page 45.**  
**Optional power supply 0341 00 → Page 45.**

Order no.	Packing unit	PS	Order no.	Packing unit	PS
-----------	--------------	----	-----------	--------------	----



Radio sensor  
for radio weather station

<b>0343 00</b>	1	03
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Radio sensor for expansion of the radio weather station.

- Sprayed-water protected housing.
- LCD display with temperature and humidity display.
- Battery change and channel display.
- Table stand or wall hanger.

Dimensions: W x H x D 60 x 92 x 20 mm  
 Batteries: 2 x 1.5 V Micro LR03 (AAA) alkaline  
 (batteries included in the scope of supply are consumables and must be replaced regularly)

Temperature  
 Measurement range: -20 °C to +60 °C (-4 °F to +140 °F)  
 Resolution: 0,1 °C (0.2 °F)  
 Relative humidity  
 Measurement range: 25 % to 95 %  
 Resolution: 1 %  
 Transmission frequency: 433 MHz  
 Range: approx. 30 m (free field)

**Radio weather station 0334 .. → Page 44.**



230 V~ power adapter  
for radio weather station

<b>0341 00</b>	1	03
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With the power adapter, the radio weather station can be operated with 230 V. The radio weather station must be installed on a flush-mounted box (we recommend a deep box) for this.

**Radio weather station 0334 .. → Page 44.**

With its simply modelled form, the Gira Standard 55 is a range for many everyday applications. The high material quality makes it easy to care for and particularly resistant to wear.

Gira Standard 55 is an extremely functional basic range for a safe, convenient and economical electrical installation.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 80.7 x 80.7  
2-gang: 151.8 x 80.7  
3-gang: 223.3 x 80.7  
4-gang: 294.6 x 80.7  
5-gang: 365.9 x 80.7  
corner radius: R = 4

**Material**  
thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant, easy-care surface

**Colours and surfaces**  
pure white matt (similar to RAL 9010), pure white glossy (similar to RAL 9010), cream white glossy (similar to RAL 1013)

**Surface-mounted installation**  
1 – 3-gang in pure white glossy and cream white glossy; including 15 x 15 mm ducts and fittings in all colours

**Protection type**  
IP 20,  
IP 44 (when special sealing sets are used)

**Design**  
Phoenix Design, Stuttgart



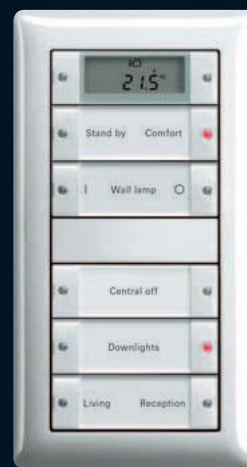
4



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6



7

# Gira Standard 55

## System 55

### Gira Standard 55

Cover frames	48
Cover frames, suitable for inscription	49
Socket outlets with full cover plate	50
Stove-connection boxes, device-connection outlets	50
Surface-mounted	51
Door/orientation plate	52
Other	53
<hr/>	
System 55 central inserts and cover plates	10
Flush-mounted inserts and accessories	186

- 1 Pure white matt
- 2 Pure white glossy
- 3 Cream white glossy



Gira Standard 55,  
pure white glossy

- 4 Series control switch
- 5 Hygrostat
- 6 Hands-free feature home station,  
surface-mounted
- 7 Push button sensor 2plus,  
5-gang,  
transparent white
- 8 2-gang combination,  
push switch/socket outlet  
"Euro-Us" with protective  
contact and child protection



8

Order no.	Packing unit	PS
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**Cover frames for combinations vertical and horizontal, shatter-proof**



<b>1-gang</b> cream white glossy	<b>0211 01</b>	10/50	01
<b>2-gang</b> cream white glossy	<b>0212 01</b>	10/50	01
<b>3-gang</b> cream white glossy	<b>0213 01</b>	10/50	01
<b>4-gang</b> cream white glossy	<b>0214 01</b>	1/5	01
<b>5-gang</b> cream white glossy	<b>0215 01</b>	1/5	01



<b>1-gang</b> pure white glossy	<b>0211 03</b>	10/50	01
<b>2-gang</b> pure white glossy	<b>0212 03</b>	10/50	01
<b>3-gang</b> pure white glossy	<b>0213 03</b>	10/50	01
<b>4-gang</b> pure white glossy	<b>0214 03</b>	1/5	01
<b>5-gang</b> pure white glossy	<b>0215 03</b>	1/5	01



<b>1-gang</b> pure white matt	<b>0211 04</b>	10/50	01
<b>2-gang</b> pure white matt	<b>0212 04</b>	10/50	01
<b>3-gang</b> pure white matt	<b>0213 04</b>	10/50	01
<b>4-gang</b> pure white matt	<b>0214 04</b>	1/5	01
<b>5-gang</b> pure white matt	<b>0215 04</b>	1/5	01

Also suitable for duct installations.

In conjunction with a sealing set, also suitable for installation as water-protected and flush-mounted IP 44.

**Shatter-proof.**

**Sealing set IP 44 for rocker switches and push rockers**  
0251 27 → Page 53.

**Sealing set IP 44 for SCHUKO socket outlets with hinged cover and socket outlets with earth pin and hinged cover**  
0252 27 → Page 53.

Order no.	Packing unit	PS
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**Cover frames for combinations vertical and horizontal, without crossbar, shatter-proof**



<b>2-gang</b> cream white glossy	<b>1002 01</b>	10	01
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<b>2-gang</b> pure white glossy	<b>1002 03</b>	10	01
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<b>2-gang</b> pure white matt	<b>1002 04</b>	10	01
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**Shatter-proof.**

**Push button sensor 2, 2-gang 1012 .. in radio bus system** → Page 393.

**Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system** → Page 314.

**Push button sensor 2plus, 5-gang 1055..** → Page 323.

**Surface-mounted hands-free feature home station 1250 ..** → Page 266.

**Surface-mounted gong 1200 ..** → Page 273.

**Door/orientation plate, 2-gang 1072 00** → Page 52.

**Radio weather station 0334 ..** → Page 44.



Order no.	Packing unit	PS
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**Cover frames for combinations vertical/horizontal, shatter-proof, can be labelled**



<b>1-gang</b> cream white glossy	<b>1091 01</b>	10	01
<b>2-gang horizontal</b> cream white glossy	<b>1092 01</b>	10	01
<b>2-gang vertical</b> cream white glossy	<b>1102 01</b>	10	01
<b>3-gang horizontal</b> cream white glossy	<b>1093 01</b>	1/5	01
<b>3-gang vertical</b> cream white glossy	<b>1103 01</b>	1/5	01
<b>4-gang horizontal</b> cream white glossy	<b>1094 01</b>	1/5	01
<b>4-gang vertical</b> cream white glossy	<b>1114 01</b>	1/5	01
<b>5-gang horizontal</b> cream white glossy	<b>1095 01</b>	1/5	01
<b>5-gang vertical</b> cream white glossy	<b>1115 01</b>	1/5	01



<b>1-gang</b> pure white glossy	<b>1091 03</b>	10	01
<b>2-gang horizontal</b> pure white glossy	<b>1092 03</b>	10	01
<b>2-gang vertical</b> pure white glossy	<b>1102 03</b>	10	01
<b>3-gang horizontal</b> pure white glossy	<b>1093 03</b>	10	01
<b>3-gang vertical</b> pure white glossy	<b>1103 03</b>	1/5	01
<b>4-gang horizontal</b> pure white glossy	<b>1094 03</b>	1/5	01
<b>4-gang vertical</b> pure white glossy	<b>1114 03</b>	1/5	01
<b>5-gang horizontal</b> pure white glossy	<b>1095 03</b>	1/5	01
<b>5-gang vertical</b> pure white glossy	<b>1115 03</b>	1/5	01

Order no.	Packing unit	PS
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<b>1-gang</b> pure white matt	<b>1091 27</b>	10	01
<b>2-gang horizontal</b> pure white matt	<b>1092 27</b>	10	01
<b>2-gang vertical</b> pure white matt	<b>1102 27</b>	10	01
<b>3-gang horizontal</b> pure white matt	<b>1093 27</b>	10	01
<b>3-gang vertical</b> pure white matt	<b>1103 27</b>	1/5	01
<b>4-gang horizontal</b> pure white matt	<b>1094 27</b>	1/5	01
<b>4-gang vertical</b> pure white matt	<b>1114 27</b>	1/5	01
<b>5-gang horizontal</b> pure white matt	<b>1095 27</b>	1/5	01
<b>5-gang vertical</b> pure white matt	<b>1115 27</b>	1/5	01

**Shatter-proof.**

Cover frames with transparent view window for labelling of inserts. Especially suitable for objects in which the electrical installation must be identified and documented, for example in managerial centres, industrial operations, airports, companies and hospitals.


**Not for use with:**


sealing set IP 44, surface-mounted housing, flat design, surface-mounted housing.

**Inscription sheets 1455 00 → Page 208.**


Order no.	Packing unit	PS
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**Socket outlets**

	SCHUKO socket outlet 16 A/250 V~ with full cover plate for individual installation		
cream white glossy	<b>0440 01</b>	10/200	01
pure white glossy	<b>0440 03</b>	10/200	01
pure white matt	<b>0440 27</b>	10/200	01


	SCHUKO 2-gang socket outlet 16 A/250 V~ with shaped cover frame		
cream white glossy	<b>0780 01</b>	1/10	01
pure white glossy	<b>0780 03</b>	1/10	01
pure white matt	<b>0780 04</b>	1/10	01

Suitable for all common 60 mm flush-mounted wall boxes.

	SCHUKO socket outlet 16 A/250 V~ with hinged cover, including sealing set IP 44 and cover frame Standard 55		
--	---	--	--

<b>Standard 55, 1-gang</b>			
cream white glossy	<b>1157 01</b>	1	01
pure white glossy	<b>1157 03</b>	1	01
<b>Standard 55, 2-gang</b>			
cream white glossy	<b>1158 01</b>	1	01
pure white glossy	<b>1158 03</b>	1	01

Set of SCHUKO socket outlets with hinged cover, sealing set IP 44 and cover frame Standard 55.


	Combination rocker switch/SCHUKO socket outlet 16 A/250 V~ with full plate		
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<b>Universal off/2-way switch</b>			
cream white glossy	<b>0176 01</b>	1/10	01
pure white glossy	<b>0176 03</b>	1/10	01
pure white matt	<b>0176 04</b>	1/10	01
<b>Series switch</b>			
cream white glossy	<b>0175 01</b>	1/10	01
pure white glossy	<b>0175 03</b>	1	01
pure white matt	<b>0175 04</b>	1	01


Not shatter-proof. With screw terminals.  
Suitable for all common 60 mm flush-mounted wall boxes.

Order no.	Packing unit	PS
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**Stove-connection boxes, device-connection outlets**

	Flush-mounted stove-connection box up to 2.5 mm²		
Up to 2.5 mm²	<b>017156</b>	1	02

Not shatter-proof. Super-flat with 5 x 2.5 mm² double terminals with only one central claw attachment screw.

	Surface-mounted and flush-mounted socket outlet for cooker		
	<b>017121</b>	1	02

Not shatter-proof. With 5 x 2.5 mm² double terminals for screw and claw attachment as flush-mounted model for 60 mm and 70 mm flush-mounted boxes.

Order no.	Packing unit	PS
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Surface-mounted

Surface-mounted housing, flat design			
cream white glossy	0219 01	1	01
pure white glossy	0219 03	1	01
pure white matt	0219 04	1	01

For push buttons with low voltage up to 42 V and radio wall transmitter insert. Not suitable for cable and duct entry. Scope of supply does not include cover frame.

**Push button for low voltage up to 42 V 0138 01, 0138 03, 0138 27, 0153 01, 0153 03, 0153 27 → Page 16.**

**Radio wall transmitter insert 0511 00 → Page 386.**

**Suitable for:**

**Cover frame Standard 55, 1-gang 0211 01, 0211 03, 0211 04 → Page 48.**

Surface-mounted housing with Standard 55 cover frame			
<b>1-gang</b>			
cream white glossy	0061 01	10	13
pure white glossy	0061 03	10	13
<b>2-gang</b>			
cream white glossy	0062 01	5	13
pure white glossy	0062 03	5	13
<b>3-gang</b>			
cream white glossy	0063 01	1	13
pure white glossy	0063 03	1/10	13

With cable and duct entry. With Standard 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Junction box protected from dripping water (IP 31)			
cream white	0070 01	1	01
pure white	0070 03	1	01

With 3 cable and duct entries.

Cable duct 15 x 15 mm, 2 m long			
cream white	0071 01	1	01
pure white	0071 03	1	01

Structurally stable up to 60 °C.  
Deformation may occur in strong sunlight.

**Price per metre. Sales length 6 x 2 m.**

Order no.	Packing unit	PS
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Duct entry 15 x 15 mm			
cream white	0008 01	5	01
pure white	0008 03	5	01

For cable duct 15 x 15 mm.

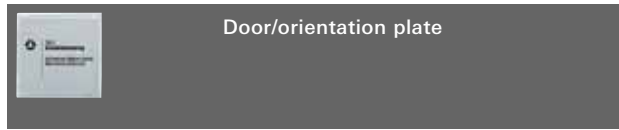
Cable duct			
cream white	0009 01	5	01
pure white	0009 03	5	01

Connection parts for cable duct 15 x 15 mm.			
<b>Flat bracket</b>			
cream white	0075 01	5	01
pure white	0075 40	5/25	01
<b>Inside corner</b>			
cream white	0076 01	5	01
pure white	0076 40	5	01
<b>Outside corner</b>			
cream white	0077 01	5	01
pure white	0077 40	5	01
<b>T-piece</b>			
cream white	0078 01	5	01
pure white	0078 40	5	01

All connection parts can be attached simply.

Order no.	Packing unit	PS
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**Door/orientation plate**



<b>1-gang</b> pure white	<b>1071 00</b>	1	01
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Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The 1-gang door/orientation plate is inserted into the Standard 55, 1-gang Event, E2 or E22 cover frame. In conjunction with Standard, 55, Event, E2 or E22 multiple cover frames and buttons, the 1-gang door/orientation plate can be used as a bell button with a large inscription label.

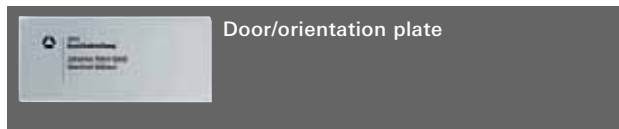
It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

**Screwing on:**  
The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

**Adhesion:**  
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points.

For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for Standard 55, E22, 1-gang 1081 02 → Page 52.**  
**Labelling sheet 1085 00 → Page 52.**



<b>2-gang</b> pure white	<b>1072 00</b>	5	01
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Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large door/orientation plate is inserted into the Standard 55, Event, E2 or E22 cover frame, 2-gang, without crossbar.

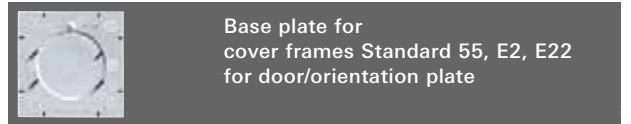
It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

**Screwing on:**  
The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

**Adhesion:**  
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for Standard 55, E22, 2-gang 1082 02 → Page 52.**  
**Labelling sheet 1085 00 → Page 52.**

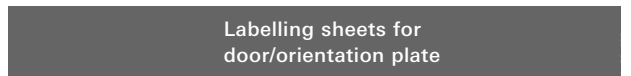
Order no.	Packing unit	PS
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<b>1-gang</b> pure white	<b>1081 02</b>	1	11
<b>2-gang</b> pure white	<b>1082 02</b>	1	11

The self-adhesive base plate is an intermediate plate for the attachment of the door/orientation plate to smooth, transparent, surfaces, e.g. glass plates. The base plate affords aesthetically pleasing closure on the back.

**Door/orientation plate, 1-gang 1071 00 → Page 52.**  
**Door/orientation plate, 2-gang 1072 00 → Page 52.**



<b>1085 00</b>	1	01
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Insert for the door/orientation plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The labelling sheets can be printed by almost any B/W or colour printer.

**Scope of supply:** 10 sheets  
**Door/orientation plate, 1-gang 1071 00. → Page 52.**  
**Door/orientation plate, 2-gang 1072 00. → Page 52.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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## Other

	Sealing set IP 44 for rocker switches and push rockers	0251 27	5	01
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In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**

	Sealing set IP 44 for socket outlets with hinged cover	0252 27	5	01
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In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.

**SCHUKO socket outlet with hinged cover 0414 ..., 0454 .. → Page 19.**

**Socket outlet with earth pin and hinged cover 0488 .. → Page 21.**

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**

The clear design of the Gira E2 switch range is very convincing.

With a matt surface it's perfect for modern living spaces, and with a glossy surface it's ideal for use in modern architecture.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 80.8 x 80.8  
2-gang: 151.9 x 80.8  
3-gang: 223.4 x 80.8  
4-gang: 294.7 x 80.8  
5-gang: 366.0 x 80.8  
corner radius: R = 0.5

**Material**  
thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant

**Colours and surfaces**  
pure white matt (similar to RAL 9010),  
pure white glossy (similar to RAL 9010),  
anthracite,  
colour aluminium (lacquered)

**Protection type**  
IP 20,  
IP 44 (when special sealing sets are use)

**Design**  
Gira, Radevormwald

**Design awards**  
International Design Award 1998,  
Design Center Stuttgart

IF Product Design Award 1999,  
IF Design Hanover

red dot award,  
Design Zentrum NRW



5



6



7



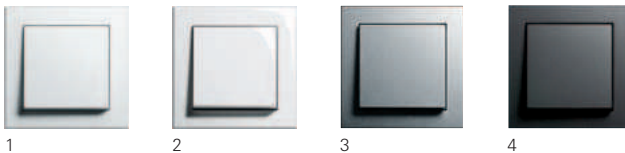
8

# Gira E2 System 55

## Gira E2

Cover frames	56
Cover frames, suitable for inscription	57
Door/orientation plate	58
Other	59
<hr/>	
System 55 central inserts and cover plates	10
Flush-mounted inserts and accessories	186

- 1 Pure white matt
- 2 Pure white glossy
- 3 Colour aluminium
- 4 Anthracite



Gira E2,  
colour aluminium

- 5 Automatic control switch
- 6 Radio weather station
- 7 Keyless In Keypad
- 8 LED orientation light  
with pictogram
- 9 2-gang combination,  
push switch/socket outlet  
"British Standard"



9

Order no.	Packing unit	PS
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Cover frames for combinations  
vertical and horizontal, shatter-proof



<b>1-gang</b> pure white glossy	<b>0211 29</b>	10/100	01
<b>2-gang</b> pure white glossy	<b>0212 29</b>	10/100	01
<b>3-gang</b> pure white glossy	<b>0213 29</b>	1/5	01
<b>4-gang</b> pure white glossy	<b>0214 29</b>	1/5	01
<b>5-gang</b> pure white glossy	<b>0215 29</b>	1/5	01



<b>1-gang</b> pure white matt	<b>0211 22</b>	10/100	01
<b>2-gang</b> pure white matt	<b>0212 22</b>	10/100	01
<b>3-gang</b> pure white matt	<b>0213 22</b>	1/5	01
<b>4-gang</b> pure white matt	<b>0214 22</b>	1/5	01
<b>5-gang</b> pure white matt	<b>0215 22</b>	1/5	01



<b>1-gang</b> anthracite	<b>0211 23</b>	10/100	11
<b>2-gang</b> anthracite	<b>0212 23</b>	10/100	11
<b>3-gang</b> anthracite	<b>0213 23</b>	1/5	11
<b>4-gang</b> anthracite	<b>0214 23</b>	1/5	11
<b>5-gang</b> anthracite	<b>0215 23</b>	1/5	11

Order no.	Packing unit	PS
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<b>1-gang</b> colour aluminium	<b>0211 25</b>	10/100	11
<b>2-gang</b> colour aluminium	<b>0212 25</b>	10/100	11
<b>3-gang</b> colour aluminium	<b>0213 25</b>	1/5	11
<b>4-gang</b> colour aluminium	<b>0214 25</b>	1/5	11
<b>5-gang</b> colour aluminium	<b>0215 25</b>	1/5	11

Also suitable for duct installations.

In conjunction with a sealing set, also suitable for installation as water-protected and flush-mounted IP 44.

**Shatter-proof.**

**Sealing set IP 44 for rocker switches and push rockers**  
0251 27 → Page 59.

**Sealing set IP 44 for SCHUKO socket outlets with hinged cover and socket outlets with earth pin and hinged cover**  
0252 27 → Page 59.



Order no.	Packing unit	PS
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Cover frames for combinations  
vertical and horizontal, without crossbar, shatter-proof



<b>2-gang</b> pure white glossy	<b>1002 29</b>	10	01
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<b>2-gang</b> pure white matt	<b>1002 22</b>	10	01
----------------------------------	----------------	----	----



<b>2-gang</b> anthracite	<b>1002 23</b>	10	11
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<b>2-gang</b> colour aluminium	<b>1002 25</b>	10	11
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#### Shatter-proof.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.

Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.

Push button sensor 2plus, 5-gang 1055.. → Page 323.

Surface-mounted hands-free feature home station 1250 .. → Page 266.

Surface-mounted gong 1200 .. → Page 273.

Door/orientation plate, 2-gang 1072 00 → Page 58.

Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
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Cover frames for combinations  
vertical/horizontal, shatter-proof, can be labelled



<b>1-gang</b> pure white	<b>0711 22</b>	10	01
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<b>2-gang</b> pure white	<b>0712 22</b>	10	01
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<b>3-gang</b> pure white	<b>0713 22</b>	1/5	01
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Transparent cover frame which can be continuously labelled. Especially suitable for objects in which the electrical installation must be identified and documented, for example in managerial centres, industrial operations, airports, companies and hospitals.  
**Shatter-proof.**

#### Labelling sheets for 1-gang cover frames

1411 00 → Page 208.

#### Labelling sheets for 2-gang cover frames

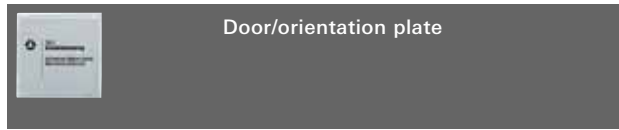
1412 00 → Page 208.

#### Labelling sheets for 3-gang cover frames

1413 00 → Page 208.

Order no.	Packing unit	PS
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**Door/orientation plate**



1-gang	Order no.	Packing unit	PS
pure white	1071 00	1	01

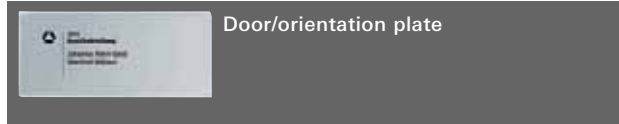
Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The 1-gang door/orientation plate is inserted into the Standard 55, 1-gang Event, E2 or E22 cover frame. In conjunction with Standard, 55, Event, E2 or E22 multiple cover frames and buttons, the 1-gang door/orientation plate can be used as a bell button with a large inscription label.

It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

**Screwing on:**  
The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

**Adhesion:**  
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for E2, 1-gang 1081 00, 1081 02 → Page 58.**  
**Labelling sheet 1085 00 → Page 58.**



2-gang	Order no.	Packing unit	PS
pure white	1072 00	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large door/orientation plate is inserted into the Standard 55, Event, E2 or E22 cover frame, 2-gang, without crossbar.

It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

**Screwing on:**  
The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

**Adhesion:**  
The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for E2, 2-gang 1082 00, 1082 02 → Page 58.**  
**Labelling sheet 1085 00 → Page 58.**

Order no.	Packing unit	PS
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Base plate for cover frames Standard 55, E2, E22 for door/orientation plate

1-gang	Order no.	Packing unit	PS
pure white	1081 02	1	11
black	1081 00	1	01

2-gang	Order no.	Packing unit	PS
pure white	1082 02	1	11
black	1082 00	1	01

The self-adhesive base plate is an intermediate plate for the attachment of the door/orientation plate to smooth, transparent, surfaces, e.g. glass plates. The base plate affords aesthetically pleasing closure on the back.

**Door/orientation plate, 1-gang 1071 00 → Page 58.**  
**Door/orientation plate, 2-gang 1072 00 → Page 58.**

**Labelling sheets for door/orientation plate**

1085 00	1	01
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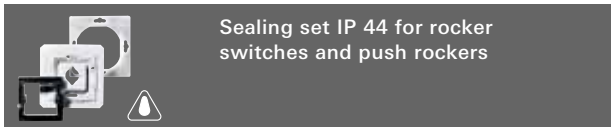
Insert for the door/orientation plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The labelling sheets can be printed by almost any B/W or colour printer.

Scope of supply: 10 sheets

**Door/orientation plate, 1-gang 1071 00. → Page 58.**  
**Door/orientation plate, 2-gang 1072 00. → Page 58.**

Order no.	Packing unit	PS	Order no.	Packing unit	PS
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## Other

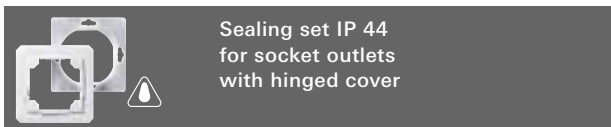


0251 27 5 01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**



0252 27 5 01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.

**SCHUKO socket outlet with hinged cover 0414 ..., 0454 .. → Page 19.**

**Socket outlet with earth pin and hinged cover 0488 .. → Page 21.**

**Cover frames Standard 55, 1 to 5-gang, 0211 .. to 0215 .. → Page 48.**

**Cover frames E2, 1 to 5-gang, 0211 .. to 0215 .. → Page 56.**

The Gira Event range offers an extraordinary variety of design variations.

Frames of opaque, slightly translucent plastic in seven colours and three cover frame variations of non-opaque material can be combined with inserts in the colours pure white matt, pure white glossy, aluminium and anthracite.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 90.0 x 90.0  
2-gang: 161.1 x 90.0  
3-gang: 232.6 x 90.0  
4-gang: 303.9 x 90.0  
5-gang: 375.2 x 90.0  
corner radius: R = 0.5

**Material**  
thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant

**Insert colours and surfaces**  
pure white matt (similar to RAL 9010),  
pure white glossy (similar to RAL 9010),  
anthracite,  
colour aluminium (lacquered)

**Cover frame colours**  
pure white (similar to RAL 9010),  
anthracite, aluminium (lacquered),  
opaque white, opaque mint, opaque orange,  
opaque red, opaque amber,  
opaque dark brown, opaque blue

opaque colours are slightly translucent

**Note**  
intermediate frames are available in the colours pure white, anthracite and aluminium, and should be chosen to match the inserts

**Protection type**  
IP 20

**Design**  
Gira, Radevormwald

**Design awards**  
red dot award 1999,  
Design Zentrum NRW



12



13



14



15

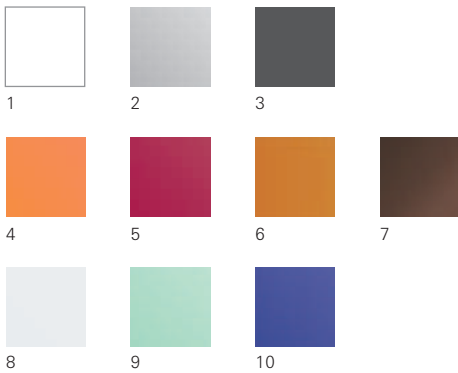
# Gira Event System 55

## Gira Event

Cover frames	62
Door/orientation plate	67
System 55 central inserts and cover plates	10
Flush-mounted inserts and accessories	186

### Cover frame colour variations

- 1 Pure white
- 2 Colour aluminium
- 3 Anthracite
- 4 Opaque orange
- 5 Opaque red
- 6 Opaque amber
- 7 Opaque dark brown
- 8 Opaque white
- 9 Opaque mint
- 10 Opaque blue



Gira Event, colour  
aluminium/anthracite

- 12  
Series dimmer
- 13  
Touch dimmer capacitive
- 14  
Hands-free feature  
home station,  
surface-mounted
- 15  
Blind controller 2

Gira Event,  
opaque orange/  
pure white glossy

- 16  
2-gang combination,  
push switch/2-gang  
socket outlet  
"chinese and Euro-Us"



16

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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Cover frames for combinations  
vertical and horizontal,  
pure white

Cover frames for combinations  
vertical and horizontal,  
anthracite



**for pure white central inserts**

1-gang	0211 27	10/100	01
2-gang	0212 27	10	01
3-gang	0213 27	1/5	01
4-gang	0214 27	1/5	01
5-gang	0215 27	1/5	01

**for pure white central inserts**

1-gang	0211 28	10	11
2-gang	0212 28	10	11
3-gang	0213 28	1/5	11
4-gang	0214 28	1/5	11
5-gang	0215 28	1/5	11

**for anthracite central inserts**

1-gang	0211 07	10	11
2-gang	0212 07	10	11
3-gang	0213 07	1/5	11
4-gang	0214 07	1/5	11
5-gang	0215 07	1/5	11

**for anthracite central inserts**

1-gang	0211 08	10	11
2-gang	0212 08	10	11
3-gang	0213 08	1/5	11
4-gang	0214 08	1/5	11
5-gang	0215 08	1/5	11

**for aluminium central inserts**

1-gang	0211 71	10	11
2-gang	0212 71	10	11
3-gang	0213 71	1/5	11
4-gang	0214 71	1/5	11
5-gang	0215 71	1/5	11

**for aluminium central inserts**

1-gang	0211 81	10	11
2-gang	0212 81	10	11
3-gang	0213 81	1/5	11
4-gang	0214 81	1/5	11
5-gang	0215 81	1/5	11

Shatter-proof.

Shatter-proof.

Cover frames for combinations  
vertical and horizontal, without crossbar,  
pure white

Cover frames for combinations  
vertical and horizontal, without crossbar,  
anthracite



**for pure white central inserts**

2-gang	1002 27	10	01
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**for pure white central inserts**

2-gang	1002 28	10	11
--------	---------	----	----

**for anthracite central inserts**

2-gang	1002 07	10	11
--------	---------	----	----

**for anthracite central inserts**

2-gang	1002 08	10	11
--------	---------	----	----

**for aluminium central inserts**

2-gang	1002 71	10	11
--------	---------	----	----

**for aluminium central inserts**

2-gang	1002 81	10	11
--------	---------	----	----

Shatter-proof.

Shatter-proof.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Door/orientation plate, 2-gang 1072 00 → Page 67.  
 Radio weather station 0334 .. → Page 44.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Door/orientation plate, 2-gang 1072 00 → Page 67.  
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Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Cover frames for combinations vertical and horizontal, aluminium**

**Cover frames for combinations vertical and horizontal, opaque white**



**for pure white central inserts**

1-gang	0211 26	10	11
2-gang	0212 26	10	11
3-gang	0213 26	1/5	11
4-gang	0214 26	1/5	11
5-gang	0215 26	1/5	11

**for anthracite central inserts**

1-gang	0211 06	10	11
2-gang	0212 06	10	11
3-gang	0213 06	1/5	11
4-gang	0214 06	1/5	11
5-gang	0215 06	1/5	11

**for aluminium central inserts**

1-gang	0211 36	10	11
2-gang	0212 36	10	11
3-gang	0213 36	1/5	11
4-gang	0214 36	1/5	11
5-gang	0215 36	1/5	11

**for pure white central inserts**

1-gang	0211 34	10	11
2-gang	0212 34	10	11
3-gang	0213 34	1/5	11
4-gang	0214 34	1/5	11
5-gang	0215 34	1/5	11

**for anthracite central inserts**

1-gang	0211 24	10	11
2-gang	0212 24	10	11
3-gang	0213 24	1/5	11
4-gang	0214 24	1/5	11
5-gang	0215 24	1/5	11

**for aluminium central inserts**

1-gang	0211 50	10	11
2-gang	0212 50	10	11
3-gang	0213 50	1/5	11
4-gang	0214 50	1/5	11
5-gang	0215 50	1/5	11

Shatter-proof.

Shatter-proof.

**Cover frames for combinations vertical and horizontal, without crossbar, aluminium**

**Cover frames for combinations vertical and horizontal, without crossbar, opaque white**



**for pure white central inserts**

2-gang	1002 26	10	11
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**for anthracite central inserts**

2-gang	1002 06	10	11
--------	---------	----	----

**for aluminium central inserts**

2-gang	1002 36	10	11
--------	---------	----	----

**for pure white central inserts**

2-gang	1002 34	10	01
--------	---------	----	----

**for anthracite central inserts**

2-gang	1002 24	10	11
--------	---------	----	----

**for aluminium central inserts**

2-gang	1002 50	10	11
--------	---------	----	----

Shatter-proof.

Shatter-proof.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
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Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
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 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
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Order no.	Packing unit	PS
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Cover frames for combinations vertical and horizontal, opaque mint



for pure white central inserts			
1-gang	0211 95	10	11
2-gang	0212 95	10	11
3-gang	0213 95	1/5	11
4-gang	0214 95	1/5	11
5-gang	0215 95	1/5	11

for anthracite central inserts			
1-gang	0211 85	10	11
2-gang	0212 85	10	11
3-gang	0213 85	1/5	11
4-gang	0214 85	1/5	11
5-gang	0215 85	1/5	11

for aluminium central inserts			
1-gang	0211 51	10	11
2-gang	0212 51	10	11
3-gang	0213 51	1/5	11
4-gang	0214 51	1/5	11
5-gang	0215 51	1/5	11

Shatter-proof.

Order no.	Packing unit	PS
-----------	--------------	----

Cover frames for combinations vertical and horizontal, opaque orange



for pure white central inserts			
1-gang	0211 97	10	11
2-gang	0212 97	10	11
3-gang	0213 97	1/5	11
4-gang	0214 97	1/5	11
5-gang	0215 97	1/5	11

for anthracite central inserts			
1-gang	0211 87	10	11
2-gang	0212 87	10	11
3-gang	0213 87	1/5	11
4-gang	0214 87	1/5	11
5-gang	0215 87	1/5	11

for aluminium central inserts			
1-gang	0211 53	10	11
2-gang	0212 53	10	11
3-gang	0213 53	1/5	11
4-gang	0214 53	1/5	11
5-gang	0215 53	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, opaque mint



for pure white central inserts			
2-gang	1002 95	10	11

for anthracite central inserts			
2-gang	1002 85	10	11

for aluminium central inserts			
2-gang	1002 51	10	11

Shatter-proof.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Door/orientation plate, 2-gang 1072 00 → Page 67.  
 Radio weather station 0334 .. → Page 44.

Cover frames for combinations vertical and horizontal, without crossbar, opaque orange



for pure white central inserts			
2-gang	1002 97	10	11

for anthracite central inserts			
2-gang	1002 87	10	11

for aluminium central inserts			
2-gang	1002 53	10	11

Shatter-proof.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Door/orientation plate, 2-gang 1072 00 → Page 67.  
 Radio weather station 0334 .. → Page 44.



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

Cover frames for combinations vertical and horizontal, opaque red

Cover frames for combinations vertical and horizontal, opaque blue



**for pure white central inserts**

1-gang	0211 98	10	11
2-gang	0212 98	10	11
3-gang	0213 98	1/5	11
4-gang	0214 98	1/5	11
5-gang	0215 98	1/5	11

**for pure white central inserts**

1-gang	0211 99	10	11
2-gang	0212 99	10	11
3-gang	0213 99	1/5	11
4-gang	0214 99	1/5	11
5-gang	0215 99	1/5	11

**for anthracite central inserts**

1-gang	0211 88	10	11
2-gang	0212 88	10	11
3-gang	0213 88	1/5	11
4-gang	0214 88	1/5	11
5-gang	0215 88	1/5	11

**for anthracite central inserts**

1-gang	0211 89	10	11
2-gang	0212 89	10	11
3-gang	0213 89	1/5	11
4-gang	0214 89	1/5	11
5-gang	0215 89	1/5	11

**for aluminium central inserts**

1-gang	0211 92	10	11
2-gang	0212 92	10	11
3-gang	0213 92	1/5	11
4-gang	0214 92	1/5	11
5-gang	0215 92	1/5	11

**for aluminium central inserts**

1-gang	0211 93	10	11
2-gang	0212 93	10	11
3-gang	0213 93	1/5	11
4-gang	0214 93	1/5	11
5-gang	0215 93	1/5	11

Shatter-proof.

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, opaque red

Cover frames for combinations vertical and horizontal, without crossbar, opaque blue



**for pure white central inserts**

2-gang	1002 98	10	11
--------	---------	----	----

**for pure white central inserts**

2-gang	1002 99	10	11
--------	---------	----	----

**for anthracite central inserts**

2-gang	1002 88	10	11
--------	---------	----	----

**for anthracite central inserts**

2-gang	1002 89	10	11
--------	---------	----	----

**for aluminium central inserts**

2-gang	1002 92	10	11
--------	---------	----	----

**for aluminium central inserts**

2-gang	1002 93	10	11
--------	---------	----	----

Shatter-proof.

Shatter-proof.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
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 Radio weather station 0334 .. → Page 44.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Door/orientation plate, 2-gang 1072 00 → Page 67.  
 Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
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Cover frames for combinations vertical and horizontal, opaque dark brown



for pure white central inserts

1-gang	0211 31	10	11
2-gang	0212 31	10	11
3-gang	0213 31	1/5	11
4-gang	0214 31	1/5	11
5-gang	0215 31	1/5	11

for anthracite central inserts

1-gang	0211 13	10	11
2-gang	0212 13	10	11
3-gang	0213 13	1/5	11
4-gang	0214 13	1/5	11
5-gang	0215 13	1/5	11

for aluminium central inserts

1-gang	0211 59	10	11
2-gang	0212 59	10	11
3-gang	0213 59	1/5	11
4-gang	0214 59	1/5	11
5-gang	0215 59	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, opaque dark brown



for pure white central inserts

2-gang	1002 31	10	11
--------	---------	----	----

for anthracite central inserts

2-gang	1002 13	10	11
--------	---------	----	----

for aluminium central inserts

2-gang	1002 59	10	11
--------	---------	----	----

Shatter-proof.

- Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.
- Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.
- Push button sensor 2plus, 5-gang 1055.. → Page 323.
- Surface-mounted hands-free feature home station 1250 .. → Page 266.
- Surface-mounted gong 1200 .. → Page 273.
- Door/orientation plate, 2-gang 1072 00 → Page 67.
- Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
-----------	--------------	----

Cover frames for combinations vertical and horizontal, opaque amber



for pure white central inserts

1-gang	0211 32	10	11
2-gang	0212 32	10	11
3-gang	0213 32	1/5	11
4-gang	0214 32	1/5	11
5-gang	0215 32	1/5	11

for anthracite central inserts

1-gang	0211 14	10	11
2-gang	0212 14	10	11
3-gang	0213 14	1/5	11
4-gang	0214 14	1/5	11
5-gang	0215 14	1/5	11

for aluminium central inserts

1-gang	0211 69	10	11
2-gang	0212 69	10	11
3-gang	0213 69	1/5	11
4-gang	0214 69	1/5	11
5-gang	0215 69	1/5	11

Shatter-proof.

Cover frames for combinations vertical and horizontal, without crossbar, opaque amber



for pure white central inserts

2-gang	1002 32	10	11
--------	---------	----	----

for anthracite central inserts

2-gang	1002 14	10	11
--------	---------	----	----

for aluminium central inserts

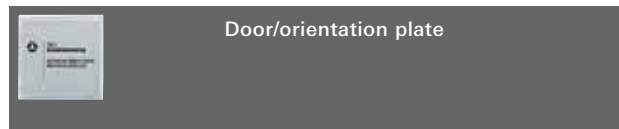
2-gang	1002 69	10	11
--------	---------	----	----

Shatter-proof.

- Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.
- Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.
- Push button sensor 2plus, 5-gang 1055.. → Page 323.
- Surface-mounted hands-free feature home station 1250 .. → Page 266.
- Surface-mounted gong 1200 .. → Page 273.
- Door/orientation plate, 2-gang 1072 00 → Page 67.
- Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
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**Door/orientation plate**



Door/orientation plate

<b>1-gang</b>			
pure white	<b>1071 00</b>	1	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The 1-gang door/orientation plate is inserted into the Standard 55, 1-gang Event, E2 or E22 cover frame. In conjunction with Standard, 55, Event, E2 or E22 multiple cover frames and buttons, the 1-gang door/orientation plate can be used as a bell button with a large inscription label.

It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

Screwing on:

The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

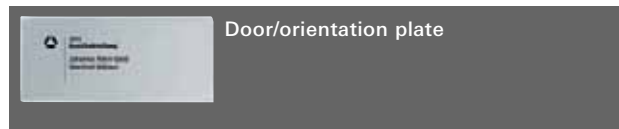
Adhesion:

The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points.

For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for Event, 1-gang 1083 00, 1083 02 → Page 67.**

**Labelling sheet 1085 00 → Page 67.**



Door/orientation plate

<b>2-gang</b>			
pure white	<b>1072 00</b>	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large door/orientation plate is inserted into the Standard 55, Event, E2 or E22 cover frame, 2-gang, without crossbar.

It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

Screwing on:

The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

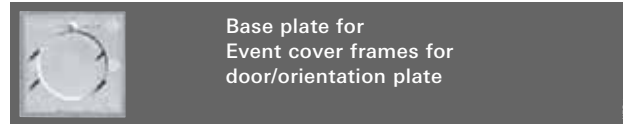
Adhesion:

The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for Event, 2-gang 1084 00, 1084 02 → Page 67.**

**Labelling sheet 1085 00 → Page 58.**

Order no.	Packing unit	PS
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Base plate for Event cover frames for door/orientation plate

<b>1-gang</b>			
pure white	<b>1083 02</b>	1	11
black	<b>1083 00</b>	1	01
<b>2-gang</b>			
pure white	<b>1084 02</b>	10	11
black	<b>1084 00</b>	1	01

The self-adhesive base plate is an intermediate plate for the attachment of the door/orientation plate to smooth, transparent, surfaces, e.g. glass plates. The base plate affords aesthetically pleasing closure on the back.

**Door/orientation plate, 1-gang 1071 00 → Page 67.**

**Door/orientation plate, 2-gang 1072 00 → Page 67.**

Labelling sheets for door/orientation plate		
<b>1085 00</b>	1	01

Insert for the door/orientation plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The labelling sheets can be printed by almost any B/W or colour printer.

Scope of supply: 10 sheets

**Door/orientation plate, 1-gang 1071 00. → Page 67.**

**Door/orientation plate, 2-gang 1072 00. → Page 67.**

Gira Esprit – the perfect framework for lifestyle and luxury.

Elegant and linear in its design, the Gira Esprit is especially characterised by the real materials of the cover frames, and is therefore excellently suited for rooms decorated in an exacting fashion.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 95.0 x 95.0  
2-gang: 166.0 x 95.0  
3-gang: 236.8 x 95.0  
4-gang: 308.0 x 95.0  
5-gang: 380.2 x 95.0

**Edges/corners**  
aluminium, glass:  
chamfered 0.3 x 45°  
chrome, brass:  
chamfered 1.5 x 45°  
wenge wood: 0.5 x 45°

**Materials**  
aluminium E1 EV1:  
ground, anodised, matt  
chrome: high-gloss  
glass in mint,  
white or black: glossy  
brass: high-gloss,  
galvanised, gold-plated  
wenge wood: wood

**Cleaning recommendation**  
aluminium E1 EV1, chrome,  
glass, brass: use a dry,  
lint-free or damp cloth  
wenge wood: use a dry,  
lint-free cloth

**Protection type**  
IP 20

**Design**  
Gira, Radevormwald

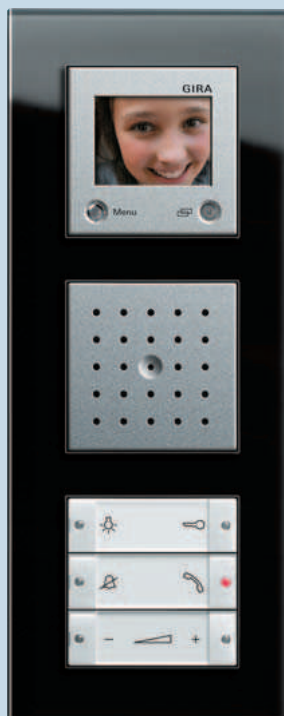
**Design awards**  
DESIGN PLUS 2000,  
Light + Building Frankfurt

red dot award 2001,  
Design Zentrum NRW

Gira flush-mounted radio  
wenge wood/colour  
aluminium:  
red dot award 2003,  
Design Zentrum NRW



8



9

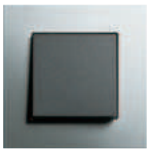


10

Cover frames	70
System 55 central inserts and cover plates	10
Flush-mounted inserts and accessories	186

Material and colour variations  
for cover frame/insert

- 1 Aluminium/anthracite
- 2 Chrome/anthracite
- 3 Wenge wood/colour aluminium
- 4 Brass/pure white glossy
- 5 Black glass/colour aluminium
- 6 Mint glass/colour aluminium
- 7 White glass/pure white glossy



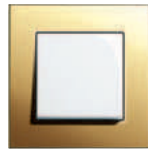
1



2



3



4



5



6



7

Gira Esprit,  
black glass

8  
Push button sensor 2plus,  
transparent white

9  
Hands-free feature home  
station with TFT colour  
display, colour aluminium/  
transparent white

10  
Revox multiroom system  
M217/M218 regulating unit,  
colour aluminium

11  
2-gang combination,  
push switch/socket outlet  
"British Standard" disconnectible,  
colour aluminium



11

Order no.	Packing unit	PS
-----------	--------------	----

Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations vertical and horizontal, mint glass**

**Cover frames for combinations vertical and horizontal, white glass**



<b>1-gang</b> Mint glass	<b>0211 18</b>	1	11
-----------------------------	----------------	---	----

<b>1-gang</b> White glass	<b>0211 12</b>	1	11
------------------------------	----------------	---	----



<b>2-gang</b> Mint glass	<b>0212 18</b>	1	11
-----------------------------	----------------	---	----

<b>2-gang</b> White glass	<b>0212 12</b>	1	11
------------------------------	----------------	---	----



<b>3-gang</b> Mint glass	<b>0213 18</b>	1	11
-----------------------------	----------------	---	----

<b>3-gang</b> White glass	<b>0213 12</b>	1	11
------------------------------	----------------	---	----



<b>4-gang</b> Mint glass	<b>0214 18</b>	1	11
-----------------------------	----------------	---	----

<b>4-gang</b> White glass	<b>0214 12</b>	1	11
------------------------------	----------------	---	----



<b>5-gang</b> Mint glass	<b>0215 18</b>	1	11
-----------------------------	----------------	---	----

<b>5-gang</b> White glass	<b>0215 12</b>	1	11
------------------------------	----------------	---	----

**Cover frames for combinations vertical and horizontal, without crossbar, mint glass**

**Cover frames for combinations vertical and horizontal, without crossbar, white glass**



<b>2-gang</b> Mint glass	<b>1002 18</b>	1	11
-----------------------------	----------------	---	----

<b>2-gang</b> White glass	<b>1002 12</b>	1	11
------------------------------	----------------	---	----

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Radio weather station 0334 .. → Page 44.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
-----------	--------------	----

Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations  
vertical and horizontal, black glass**



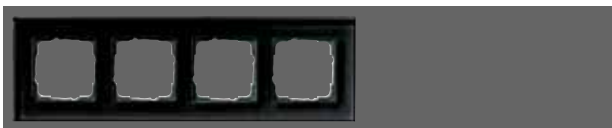
<b>1-gang</b>			
Black glass	0211 05	1	11



<b>2-gang</b>			
Black glass	0212 05	1	11



<b>3-gang</b>			
Black glass	0213 05	1	11



<b>4-gang</b>			
Black glass	0214 05	1	11



<b>5-gang</b>			
Black glass	0215 05	1	11

**Cover frames for combinations  
vertical and horizontal, without crossbar, black glass**



<b>2-gang</b>			
Black glass	1002 05	1	11

- Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.
- Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.
- Push button sensor 2plus, 5-gang 1055.. → Page 323.
- Surface-mounted hands-free feature home station 1250 .. → Page 266.
- Surface-mounted gong 1200 .. → Page 273.
- Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations vertical and horizontal, aluminium**



<b>1-gang</b> Aluminium	<b>0211 17</b>	1	11
----------------------------	----------------	---	----

Anodised aluminium E 1 EV 1.



<b>2-gang</b> Aluminium	<b>0212 17</b>	1	11
----------------------------	----------------	---	----

Anodised aluminium E 1 EV 1.



<b>3-gang</b> Aluminium	<b>0213 17</b>	1	11
----------------------------	----------------	---	----

Anodised aluminium E 1 EV 1.



<b>4-gang</b> Aluminium	<b>0214 17</b>	1	11
----------------------------	----------------	---	----

Anodised aluminium E 1 EV 1.

**Cover frames for combinations vertical and horizontal, without crossbar, aluminium**



<b>2-gang</b> Aluminium	<b>1002 17</b>	1	11
----------------------------	----------------	---	----

Anodised aluminium E 1 EV 1.  
 Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Radio weather station 0334 .. → Page 44.

Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations vertical and horizontal, brass**



<b>1-gang</b> Brass	<b>0211 19</b>	1	11
------------------------	----------------	---	----

Highly-polished surface.



<b>2-gang</b> Brass	<b>0212 19</b>	1	11
------------------------	----------------	---	----

Highly-polished surface.



<b>3-gang</b> Brass	<b>0213 19</b>	1	11
------------------------	----------------	---	----

Highly-polished surface.



<b>4-gang</b> Brass	<b>0214 19</b>	1	11
------------------------	----------------	---	----

Highly-polished surface.

**Cover frames for combinations vertical and horizontal, without crossbar, brass**



<b>2-gang</b> Brass	<b>1002 19</b>	1	11
------------------------	----------------	---	----

Highly-polished surface.  
 Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Radio weather station 0334 .. → Page 44.



Order no.	Packing unit	PS
-----------	--------------	----

Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations vertical and horizontal, chrome**

**Cover frames for combinations vertical and horizontal, wenge wood**



<b>1-gang</b> Chrome	<b>0211 10</b>	1	11
-------------------------	----------------	---	----

<b>1-gang</b> Wenge wood	<b>0211 11</b>	1	11
-----------------------------	----------------	---	----

Highly-polished surface.

Real wood.



<b>2-gang</b> Chrome	<b>0212 10</b>	1	11
-------------------------	----------------	---	----

<b>2-gang</b> Wenge wood	<b>0212 11</b>	1	11
-----------------------------	----------------	---	----

Highly-polished surface.

Real wood.



<b>3-gang</b> Chrome	<b>0213 10</b>	1	11
-------------------------	----------------	---	----

<b>3-gang</b> Wenge wood	<b>0213 11</b>	1	11
-----------------------------	----------------	---	----

Highly-polished surface.

Real wood.



<b>4-gang</b> Chrome	<b>0214 10</b>	1	11
-------------------------	----------------	---	----

<b>4-gang</b> Wenge wood	<b>0214 11</b>	1	11
-----------------------------	----------------	---	----

Highly-polished surface.

Real wood.

**Cover frames for combinations vertical and horizontal, without crossbar, chrome**

**Cover frames for combinations vertical and horizontal, without crossbar, wenge wood**



<b>2-gang</b> Chrome	<b>1002 10</b>	1	11
-------------------------	----------------	---	----

<b>2-gang</b> Wenge wood	<b>1002 11</b>	1	11
-----------------------------	----------------	---	----

Highly-polished surface.

Real wood.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Radio weather station 0334 .. → Page 44.

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.  
 Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.  
 Push button sensor 2plus, 5-gang 1055.. → Page 323.  
 Surface-mounted hands-free feature home station 1250 .. → Page 266.  
 Surface-mounted gong 1200 .. → Page 273.  
 Radio weather station 0334 .. → Page 44.

3 mm thick. 3 materials. 3 x 200 functions. As an alternative to common flush-mounting installation in a flush-mounted box, the Gira E22 switch range offers the option of a new easy mounting procedure with which the cover frame is just 3 mm thick when installed on the wall.

The product range is available in the real materials stainless steel and aluminium, as well as in thermoplastic [pure white glossy].

With its large assortment, the Gira E22 meets the special needs of intelligent building technology. The switch range includes over 200 functions for all types of mounting. The majority of these can be installed flush with the cover frame for all three materials. Some exceptions are, for example, the hygrostat, radio room temperature sensor, info display or the surface-mounted home station from the Gira door communication system, as their design does not fit flush with the cover frame.

**Cover frames**  
suitable for vertical and horizontal installation

**Materials**  
E22 Stainless Steel: X5 CrNi 1812, rust-proof  
E22 Aluminium: E1 EV1 aluminium, ground, anodised, matt  
E22 [pure white glossy]: Thermoplastic, shock-resistant and shatter-proof, halogen-free, UV-resistant

**Dimensions (H x W, mm)**  
Stainless Steel/Aluminium  
1-gang: 90.6 x 90.6  
2-gang: 161.8 x 90.6  
3-gang: 233.0 x 90.6  
4-gang: 304.2 x 90.6  
5-gang: 375.4 x 90.6  
Thermoplastic, [pure white glossy]  
1-gang: 87.8 x 87.8  
2-gang: 158.9 x 87.8  
3-gang: 230.4 x 87.8  
4-gang: 301.7 x 87.8  
5-gang: 373.0 x 87.8

**Surface**  
polished metal parts, satin matt finish

Thermoplastic [pure white glossy], similar to RAL 9010

**Cleaning recommendation**  
damp cloth

**Protection type**  
IP 20

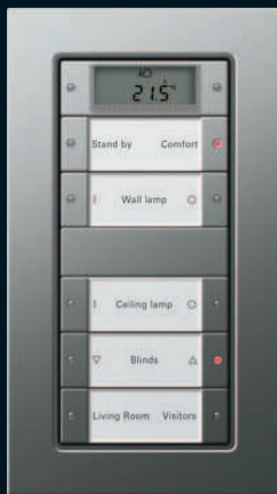
**Design**  
Phoenix Design, Stuttgart  
Gira Designteam, Radevormwald, Germany

**Design awards**  
iF Product Design Award 2007, IF Design Hannover

red dot award product design 2007, Design Zentrum NRW Essen



4



5



6



7

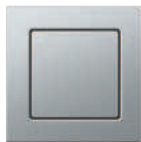
## Gira E22

Stainless Steel, Aluminium, Thermoplastic [pure white glossy]

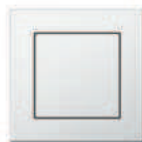
- 1 Stainless Steel  
inserts from the previous  
Stainless Steel range
- 2 Aluminium  
inserts Aluminium
- 3 Thermoplastic  
[pure white glossy]  
inserts from the  
Gira System 55



1



2



3

Gira E22 Stainless Steel

- 4 Automatic control switch
- 5 Push button sensor 2 plus,  
5-gang
- 6 Electronic blind controller 2
- 7 LED orientation light  
with pictogram
- 8 2-gang combination,  
control push switch with  
vertical rocker/SCHUKO  
socket outlet with  
child protection



8

### Gira E22

Push switches	77
Switches and push buttons	78
Socket outlets	80
Dimmers	82
Automatic light	83
LED illumination	84
Push button sensors	85
Blind controller	88
Time switch	89
Room temperature controller	90
Door communication system	91
Keyless In	92
Communication technology	93
Equipotential bonding socket	96
Revox multiroom system	96
Other	97
Flush-mounted radio	97
Radio weather station	98
Door/orientation plate	99
Cover frames	101
E22 installation set for flat mounting	103
E22 device box for flat mounting	105

### Gira Stainless Steel Series 20, Series 21

Flush-mounted inserts and accessories	106
	186

## Gira E22 Installation types

### Cover frames

The Gira E22 switch range offers two different cover frame variants in all materials for the various mounting types

The cover frame is just 3 mm thick when installed flush in a hollow wall or in masonry. It integrates itself in the room with a subtle appearance, supported by the vertical switch toggle.

It has a different appearance when installed in a flush-mounted box. The cover frame tapers on the back and appears to float a few millimetres in front of the wall.

The Gira E22 can be installed flush with the wall in 1 to 4-gang cover frames. 1 to 5-gang cover frames can be used for installation in a flush-mounted box.



The cover frame is just 3 mm thick when installed flush in a hollow wall or in masonry.

Fig. below:  
Gira E22 Aluminium,  
2-gang combination  
Push switch/SCHUKO  
socket outlet



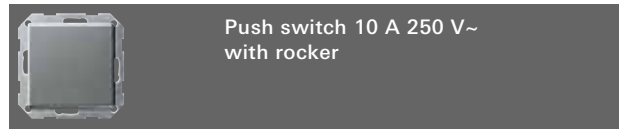
The cover frame tapers back to the wall when installing in the flush-mounted box.

Fig. below:  
Gira E22 Aluminium,  
2-gang combination  
push switches/SCHUKO  
socket outlet



Order no.	Packing unit	PS
-----------	--------------	----

Push switches

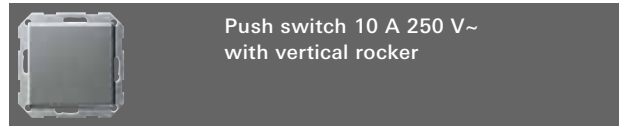


Push switch 10 A 250 V~ with rocker

Universal off/2-way switch <sup>1)</sup>			
Stainless Steel	0126 20	1/5	11
Aluminium	0126 203	1/5	11
pure white glossy	0126 03	1/5	01

Intermediate switch			
Stainless Steel	0127 20	1/5	11
Aluminium	0127 203	1	11
pure white glossy	0127 03	1/5	01

<sup>1)</sup>If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.  
Acoustic element with illumination 0935 00 → Page 205.

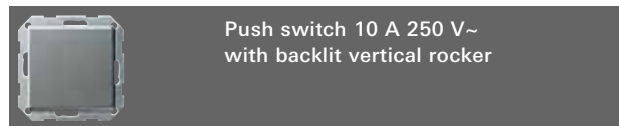


Push switch 10 A 250 V~ with vertical rocker

Universal off/2-way switch <sup>1)</sup>			
Stainless Steel	0121 20	1/5	11
Aluminium	0121 203	1	11
pure white glossy	0121 201	1/5	01

Intermediate switch			
Stainless Steel	0123 20	1	11
Aluminium	0123 203	1	11
pure white glossy	0123 201	1/5	01

<sup>1)</sup>If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.  
Acoustic element with illumination 0935 00 → Page 205.



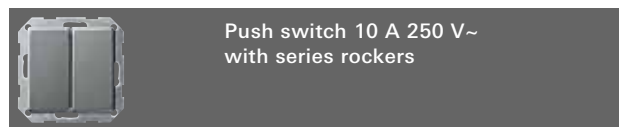
Push switch 10 A 250 V~ with backlit vertical rocker

Universal off/2-way switch			
Stainless Steel	2850 20	1/5	11
Aluminium	2850 203	1/5	11

Intermediate switch			
Stainless Steel	2851 20	1/5	11
Aluminium	2851 203	1/5	11

With LED illumination insert, 230 V~. Illuminated in accordance with the workplace ordinance.

Replacement LED illumination insert 230 V~ 0497 08 → Page 205.

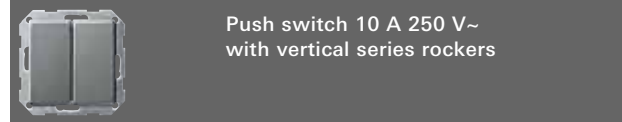


Push switch 10 A 250 V~ with series rockers

Series switch			
Stainless Steel	0125 20	1/5	11
Aluminium	0125 203	1	11
pure white glossy	0125 03	1/5	01

Double 2-way switch			
Stainless Steel	0128 20	1/5	11
Aluminium	0128 203	1	11
pure white glossy	0128 03	1/5	01

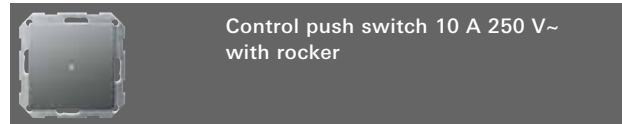
Order no.	Packing unit	PS
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Push switch 10 A 250 V~ with vertical series rockers

Series switch			
Stainless Steel	2860 20	1	11
Aluminium	2860 203	1	11
pure white glossy	2860 201	1	01

Double 2-way switch			
Stainless Steel	2861 20	1	11
Aluminium	2861 203	1	11
pure white glossy	2861 201	1	01

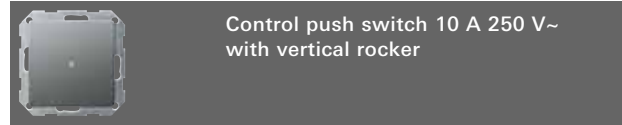


Control push switch 10 A 250 V~ with rocker

Universal off/2-way switch			
Stainless Steel	0136 20	1/5	11
Aluminium	0136 203	1	11
pure white glossy	0136 03	1/5	01

Circuit breaker 2-pole			
Stainless Steel	0122 20	1/5	11
Aluminium	0122 203	1	11
pure white glossy	0122 03	1/5	01

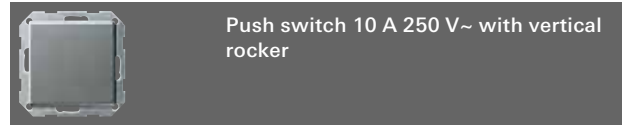
With neon lamp element. For compliance with the workplace ordinance, can also be connected with illumination.  
Replacement neon lamp element 0997 00 → Page 204.



Control push switch 10 A 250 V~ with vertical rocker

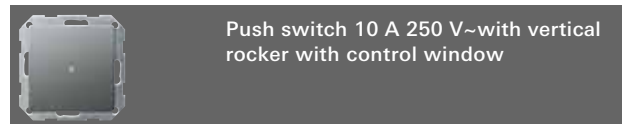
Universal off/2-way switch			
Stainless Steel	0124 20	1	11
Aluminium	0124 203	1	11
pure white glossy	0124 201	1/5	01

With neon lamp element. For compliance with the workplace ordinance, can also be connected with illumination.  
Replacement neon lamp element 0997 00 → Page 204.



Push switch 10 A 250 V~ with vertical rocker

2-way switch, 1-pole			
Stainless Steel	0130 20	1	11
Aluminium	0130 203	1	11
pure white glossy	0130 201	1	01



Push switch 10 A 250 V~ with vertical rocker with control window

2-way switch, 1-pole			
Stainless Steel	0120 20	1	11
Aluminium	0120 203	1	11
pure white glossy	0120 201	1	11

For compliance with the workplace ordinance, can also be connected with illumination.  
Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.  
Acoustic element with illumination 0935 00 → Page 205.

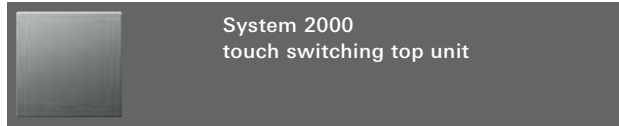
E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

**Cover plates for switches and push buttons**

The following cover plates and rockers are supplied without inserts. Please order separately from → Page 191.



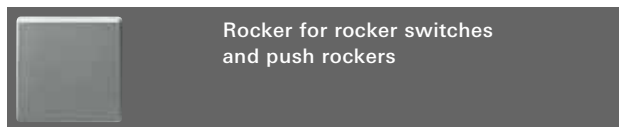
Material	Order no.	Packing unit	PS
Stainless Steel (lacquered)	2261 20	1/5	02
Aluminium (lacquered)	2261 203	1/5	02
pure white glossy	2261 03	1/5	02

**Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21**

Order no.	Packing unit	PS
0289 20	5/25	11

Switching top unit for use with the System 2000 switch inserts. Lighting is controlled by lightly touching the operating area without the movement of mechanical elements. Touching the area carries out switch-on or switch-off. A blue orientation LED lights up as long as the load is switched off. It goes out when the load is switched on.

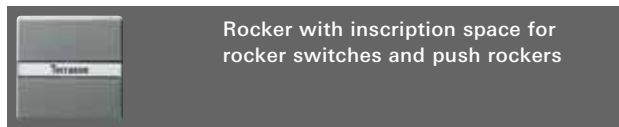
**System 2000 Tronic switch insert 0866 00 → Page 195.**  
**System 2000 Triac switch insert 0854 00 → Page 196.**  
**System 2000 relay insert 0853 00 → Page 196.**  
**System 2000 relay insert, zero-voltage, 1148 00 → Page 197.**  
**System 2000 HLK relay insert 0303 00 → Page 197.**  
**System 2000 impulse insert 0336 00 → Page 198.**



Material	Order no.	Packing unit	PS
Stainless Steel	0296 20	10	11
Aluminium	0296 203	10	11
pure white glossy	0296 03	10/100	01

In conjunction with the sealing set and cover frames of stainless steel Series 21, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush mounted IP 44 (does not apply for series rockers).

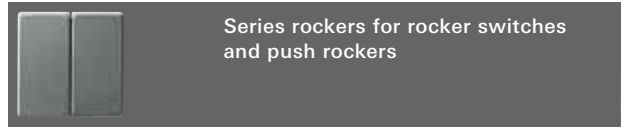
**Sealing set 0251 20 → Page 97.**  
**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**  
**Bus-coupler push button 0181 00, 0184 00 → Page 310.**  
**Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21 → Page 107.**



Material	Order no.	Packing unit	PS
Stainless Steel	0299 20	1	11
Aluminium	0299 203	1	11
pure white glossy	0299 03	10	01

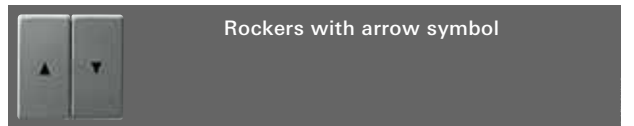
Neutral inscription label is included.

**Inserts 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**  
**Bus-coupler push button 0181 00, 0184 00 → Page 310.**  
**Inscription sheets 1455 00 → Page 208.**



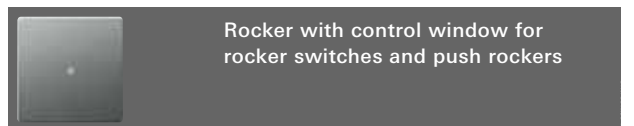
Material	Order no.	Packing unit	PS
Stainless Steel	0295 20	10	11
Aluminium	0295 203	1	11
pure white glossy	0295 03	10/100	01

**Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 191.**  
**Bus coupler push button 0182 00, 0185 00 → Page 310.**



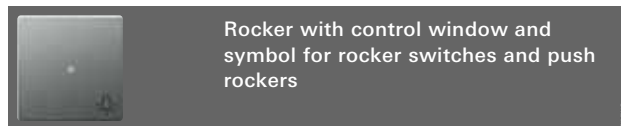
Material	Order no.	Packing unit	PS
Stainless Steel	0294 20	10	11
Aluminium	0294 203	1	11
pure white glossy	0294 03	10/100	01

**Blind button/switch inserts 0158 00, 0159 00 → Page 193.**  
**Bus-coupler button 0182 00 → Page 310.**



Material	Order no.	Packing unit	PS
Stainless Steel	0290 20	10	11
Aluminium	0290 203	1	11
pure white glossy	0290 03	10/100	01

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**  
**Bus-coupler push button 0181 00, 0184 00 → Page 310.**



**Light**

Material	Order no.	Packing unit	PS
Stainless Steel	0285 20	1	11
Aluminium	0285 203	1	11
pure white glossy	0285 03	10	01

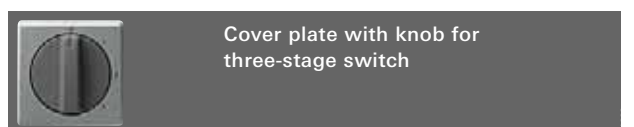
**Bell**

Material	Order no.	Packing unit	PS
Stainless Steel	0286 20	1	11
Aluminium	0286 203	1	11
pure white glossy	0286 03	10	01

**Door**

Material	Order no.	Packing unit	PS
Stainless Steel	0287 20	1	11
Aluminium	0287 203	1	11
pure white glossy	0287 03	10	01

**Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.**  
**Bus-coupler push button 0181 00, 0184 00 → Page 310.**



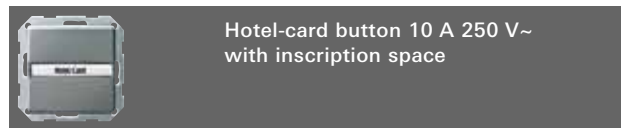
**with zero setting**

Material	Order no.	Packing unit	PS
Stainless Steel	0669 20	1	02
Aluminium	0669 203	1	02
pure white glossy	0669 03	1	02

**Three-stage switch insert 0149 00 → Page 192.**

E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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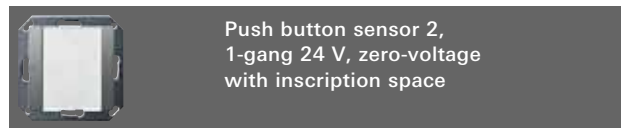
Hotel-card button 10 A 250 V~ with inscription space

2-way switch, 1-pole			
Stainless Steel	0140 20	1/5	11
Aluminium	0140 203	1	11
pure white glossy	0140 03	1	01

The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.

**Additional designs on request.**

**Inscription sheets 1453 00 → Page 208.**



Push button sensor 2, 1-gang 24 V, zero-voltage with inscription space

Stainless Steel (lacquered)	2001 20	1	02
Aluminium (lacquered)	2001 203	1	02
transparent white	2001 100	1	02

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

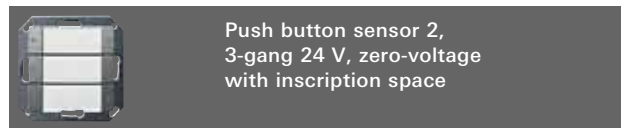
Push button sensor 2 for connection to 24 V control systems (SELV circuits only).

- Rocker with two red LEDs for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 2 push buttons, 2 LEDs and background illumination via terminal block on the back.

Nominal voltage of push button:	AC/DC 24 V SELV
Load capacity of push button:	max. 20 mA per push button
Nominal voltage of LED:	DC 24 V SELV
Load capacity of LED:	1 mA per LED
Connection:	2 x 9-pole terminal block 0.25 to 0.8 mm <sup>2</sup> single-wire
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

**Inscription sheets 1090 00 → Page 209.**

Order no.	Packing unit	PS
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Push button sensor 2, 3-gang 24 V, zero-voltage with inscription space

Stainless Steel (lacquered)	2003 20	1	02
Aluminium (lacquered)	2003 203	1	02
transparent white	2003 100	1	02

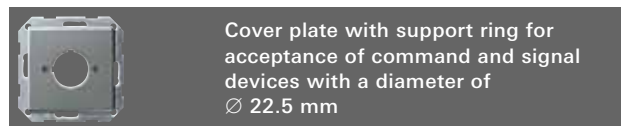
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

Push button sensor 2 for connection to 24 V control systems (SELV circuits only).

- 3 rockers with two red LEDs each for status indication.
- Disassembly safeguard implemented via its being screwed down.
- Background illumination.
- Neutral-colour inscription labels included.
- Can be lit in accordance with the workplace ordinance.
- Connection of 6 push buttons, 6 LEDs and background illumination via terminal block on the back.

Nominal voltage of push button:	AC/DC 24 V SELV
Load capacity of push button:	max. 20 mA per push button
Nominal voltage of LED:	DC 24 V SELV
Load capacity of LED:	1 mA per LED
Connection:	2 x 9-pole terminal block 0.25 to 0.8 mm <sup>2</sup> single-wire
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

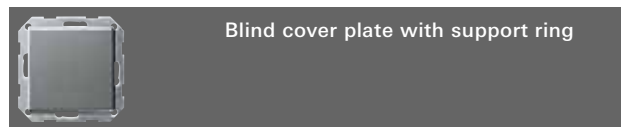
**Inscription sheets 1090 00 → Page 209.**



Cover plate with support ring for acceptance of command and signal devices with a diameter of Ø 22.5 mm

Stainless Steel	0272 20	1	11
Aluminium	0272 203	1	11
pure white glossy	0272 03	5	01

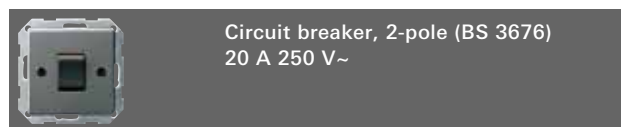
For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.



Blind cover plate with support ring

Stainless Steel	0268 20	5	11
Aluminium	0268 203	1	11
pure white glossy	0268 03	10/100	01

For screw attachment.




Circuit breaker, 2-pole (BS 3676) 20 A 250 V~


Stainless Steel (lacquered)	0131 20	10	11
Aluminium (lacquered)	0131 203	10	11
pure white glossy	0131 03	1	01

Order no.	Packing unit	PS
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**Socket outlets**

 **SCHUKO socket outlet 16 A 250 V~**

Stainless Steel	<b>0188 20</b>	1/5	11
Aluminium	<b>0188 203</b>	1/5	11
pure white glossy	<b>0188 03</b>	10/200	01

**with child protection and  symbol<sup>1)</sup>**

Stainless Steel	<b>0453 20</b>	1/5	11
Aluminium	<b>0453 203</b>	1/5	11
pure white glossy	<b>0453 03</b>	10/200	01

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

 **SCHUKO socket outlet 16 A/250 V~ with hinged cover**



Stainless Steel	<b>0454 20</b>	1/5	11
Aluminium	<b>0454 203</b>	1/5	11
pure white glossy	<b>0454 03</b>	1/5	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, SCHUKO socket outlets with a hinged cover can be installed water-protected and flush-mounted IP 44. **Sealing set 0252 20** → Page 97. **Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21** → Page 107.

 **SCHUKO socket outlet 16 A/250 V~ with hinged cover and inscription space**

Stainless Steel	<b>0410 20</b>	1/5	11
Aluminium	<b>0410 203</b>	1	11


Inscription label „EDV“ is included. **Inscription sheets 1453 00** → Page 208.

 **SCHUKO socket outlet 16 A/250 V~ with LED orientation light, child protection and  symbol**

Stainless Steel (lacquered)	<b>1170 20</b>	1/5	02
Aluminium (lacquered)	<b>1170 203</b>	1/5	02
pure white glossy	<b>1170 03</b>	1/5	02

SCHUKO socket outlet with inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on the LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection. **Not** for Stainless Steel Series 20/21.  
 Power consumption: 0.25 W/0.35 VA/1.5 mA  
 Light intensity: 0.2 cd  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C  
 Increased contact protection pursuant to VDE 0620.


Order no.	Packing unit	PS
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 **SCHUKO socket outlet 16 A/250 V~ with overvoltage protection**

Stainless Steel	<b>0451 20</b>	1/5	02
Aluminium	<b>0451 203</b>	1	02

**with inscription space**  
 pure white glossy **0451 03** 1/5 02


With audible signal.  
 Screw terminals included.  
 Maximum nominal discharge surge current: (8/20) to 4.5 kA 


 **SCHUKO 2-gang socket outlet 16 A/250 V~ with shaped cover frame**

**with child protection and  symbol<sup>1)</sup>**

Stainless Steel (lacquered)	<b>0783 20</b>	1	11
Aluminium (lacquered)	<b>0783 203</b>	1	11
pure white glossy	<b>0783 03</b>	1/10	01


Material plastic, surface lacquered.  
 Fits in any common 60 mm flush-mounted wall box.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.


 **Socket outlet with earth pin 16 A/250 V~**

**with child protection and  symbol<sup>1)</sup>**

Stainless Steel	<b>0485 20</b>	5	11
Aluminium	<b>0485 203</b>	1	11
pure white glossy	<b>0485 03</b>	10	01

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

 **Socket outlet with earth pin and hinged cover 16 A/250 V~**

**with child protection and  symbol<sup>1)</sup>**

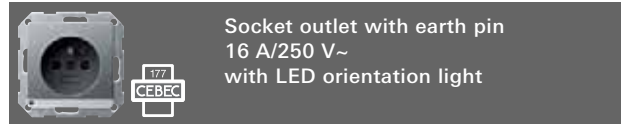
Stainless Steel	<b>0488 20</b>	1/5	11
Aluminium	<b>0488 203</b>	1	11
pure white glossy	<b>0488 03</b>	1/5	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, socket outlets with an earthing pin and a hinged cover can be installed water-protected and flush-mounted IP 44.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.  
**Sealing set 0252 20**  
**Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21** → Page 107.

E22 Stainless Steel, Aluminium, Thermoplastic



Order no.	Packing unit	PS
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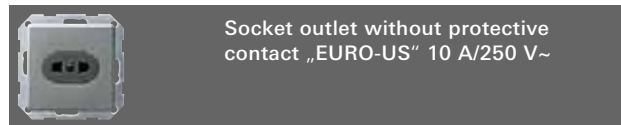


Socket outlet with earth pin 16 A/250 V~ with LED orientation light			
<b>with child protection and ⓘ symbol<sup>1)</sup></b>			
Stainless Steel (lacquered)	<b>1172 20</b>	1/5	02
Aluminium (lacquered)	<b>1172 203</b>	1/5	02
pure white glossy	<b>1172 03</b>	1/5	02

Socket outlet with earthing pin and inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on the LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection. **Not** for Stainless Steel Series 20/21. Socket outlets with earth pin are intended for the Belgian market, among others.

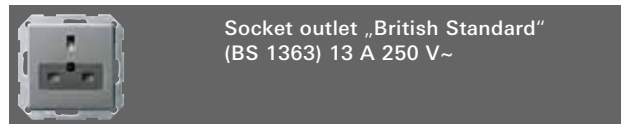
Power consumption: 0.25 W/0.35 VA/1.5 mA  
 Light intensity: 0.2 cd  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



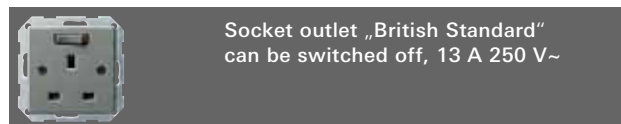
Socket outlet without protective contact „EURO-US“ 10 A/250 V~			
<b>with child protection<sup>1)</sup></b>			
Stainless Steel	<b>0430 20</b>	1	11
Aluminium	<b>0430 203</b>	1	11

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



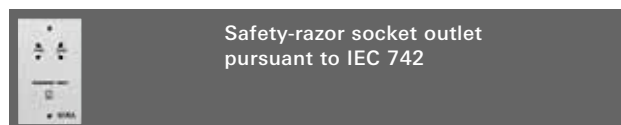
Socket outlet „British Standard“ (BS 1363) 13 A 250 V~			
Stainless Steel	<b>0429 20</b>	1/5	11
Aluminium	<b>0429 203</b>	1	11
pure white glossy	<b>0429 03</b>	1/5	01

For screw attachment only.



Socket outlet „British Standard“ can be switched off, 13 A 250 V~			
<b>with child protection<sup>1)</sup></b>			
Stainless Steel	<b>0431 20</b>	10	11
Aluminium	<b>0431 203</b>	10	11
pure white glossy	<b>0431 03</b>	1	01

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



Safety-razor socket outlet pursuant to IEC 742			
<b>With full plate for individual installation</b>			
pure white glossy	<b>0419 03</b>	1	01

Including compression-moulded flush-mounted box.  
 Output: 20 VA, 230 V/115 V, selectable.

Order no.	Packing unit	PS
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Chinese socket outlet 10 A/250 V~			
Stainless Steel	<b>0420 20</b>	1	11
Aluminium	<b>0420 203</b>	1	11
pure white glossy	<b>0420 03</b>	1	01



Chinese socket outlet 16 A/250 V~			
Stainless Steel	<b>0424 20</b>	1	11
Aluminium	<b>0424 203</b>	1	11
pure white glossy	<b>0424 03</b>	1	01




2-gang socket outlet Chinese socket outlet 10 A and „EURO-US“ socket outlet 10 A			
<b>with child protection<sup>1)</sup></b>			
Stainless Steel	<b>0425 20</b>	10	11
Aluminium	<b>0425 203</b>	10	11
pure white glossy	<b>0425 03</b>	1	01

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

E22 Stainless Steel,  
Aluminium,  
Thermoplastic

Order no.	Packing unit	PS
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**Dimmers**



Cover plate with button for dimmer and electronic potentiometer

Stainless Steel	<b>0650 20</b>	5	02
Aluminium	<b>0650 203</b>	5	02
pure white glossy	<b>0650 03</b>	10/100	02

Universal rotary dimmer insert 1176 00 → Page 199.

Auxiliary insert 1177 00 → Page 199.

Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 201.

Light-bulb dimming insert 1184 00 → Page 201.

Light bulb dimming insert 0302 00 → Page 201.

Light-bulb dimming insert 1181 00 → Page 201.


Tronic dimming insert 1182 00 → Page 201.

Tronic dimming insert 0307 00 → Page 201.

LV dimming insert 0306 00 → Page 202.

LV dimming insert 1183 00 → Page 202.

Electronic potentiometer insert 0308 00, 0309 00 → Page 202.



System 2000 top unit for switching and dimming (touch dimmer cover plate)

Stainless Steel	<b>0655 20</b>	1/5	02
Aluminium	<b>0655 203</b>	1	02
pure white glossy	<b>0655 03</b>	1/5	02

Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts. Operating temperature: -20 °C to +45 °C

System 2000 universal dimming insert 0305 00 → Page 194.

System 2000 LV dimmer insert 0331 00 → Page 194.

System 2000 1–10 V control device insert 0860 00 → Page 195.

System 2000 Tronic switch insert (only switching here) 0866 00 → Page 195.

System 2000 Triac switch insert (only switching here) 0854 00 → Page 196.

System 2000 relay insert (only switching here) 0853 00 → Page 196.


System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 197.

System 2000 HLK relay insert (only switching here) 0303 00 → Page 197.

System 2000 impulse insert 0336 00 → Page 198.

System 2000 auxiliary insert 0333 00 → Page 198.

Order no.	Packing unit	PS
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Series top unit for switching and dimming (touch dimmer cover plate)

Stainless Steel	<b>2264 20</b>	1	02
Aluminium	<b>2264 203</b>	1	02
pure white glossy	<b>2264 03</b>	1	02

Top unit with short-stroke button for use with the series dimming insert. Operation is carried out at the corner points of the button. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker. Pressing the centre at the top or bottom brightens or dims the two dimming circuits synchronously.

Operating temperature: -20 °C to +45 °C

Universal series dimming insert 2263 00 → Page 200.



System 2000 touch dimming top unit

Stainless Steel (lacquered)	<b>2260 20</b>	1/5	02
Aluminium (lacquered)	<b>2260 203</b>	1/5	02
pure white glossy	<b>2260 03</b>	1/5	02

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>	<b>0289 20</b>	5/25	11
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Dimming top unit for use with the System 2000 dimming inserts. Lighting control is carried out by lightly touching the operating area in nine steps without the movement of mechanical elements. A blue status LED, which lights up for orientation as long as the dimmer is switched off, is located in the lower half of the operating area. When this area is touched, the dimmer switches to the stored memory value.

The upper half of the operating area is divided into nine adjacent segments. The lighting can be operated directly from the switched-off state or from another dimming position. By running down this area with a finger, the light can glide to brighter or darker values. The approximate dimming position is indicated with five blue LEDs.

System 2000 universal dimming insert 0305 00 → Page 194.

System 2000 LV dimmer insert 0331 00 → Page 194.

System 2000 1–10 V control device insert 0860 00 → Page 195.



Radio top unit for switching and dimming (touch dimmer cover plate)

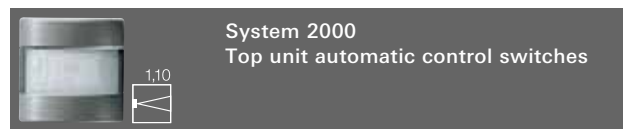
Stainless Steel	<b>0543 20</b>	1/5	02
Aluminium	<b>0543 203</b>	1	02
pure white glossy	<b>0543 03</b>	1/5	02

For use in the Gira radio bus system.

Functional description → Page 397.

Order no.	Packing unit	PS
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**Automatic light**



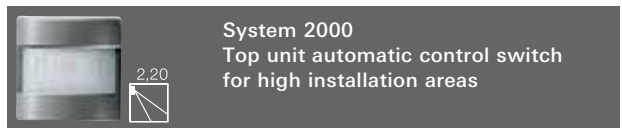
<b>Standard top unit</b>			
Stainless Steel (lacquered)	<b>1300 20</b>	1/5	02
Aluminium (lacquered)	<b>1300 203</b>	1	02
pure white glossy	<b>1300 03</b>	1/5	02

<b>Comfort top unit</b>			
Stainless Steel (lacquered)	<b>0661 20</b>	1	02
Aluminium (lacquered)	<b>0661 203</b>	1	02
pure white glossy	<b>0661 03</b>	1	02

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	<b>0289 20</b>	5/25	11

Functional description of standard top unit → Page 226.  
 Functional description of comfort top unit → Page 226.

Order no.	Packing unit	PS
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<b>Standard top unit</b>			
Stainless Steel (lacquered)	<b>1301 20</b>	1/5	02
Aluminium (lacquered)	<b>1301 203</b>	1	02
pure white glossy	<b>1301 03</b>	1/5	02

<b>Comfort top unit</b>			
Stainless Steel (lacquered)	<b>0671 20</b>	1	02
Aluminium (lacquered)	<b>0671 203</b>	1	02
pure white glossy	<b>0671 03</b>	1	02

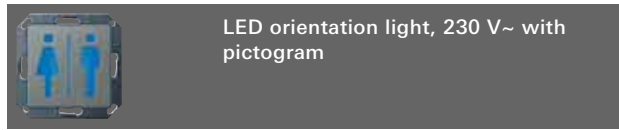
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	<b>0289 20</b>	5/25	11

Functional description of standard top unit for high installation areas → Page 227.  
 Functional description of comfort top unit for high installation areas → Page 227.

E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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**LED illumination**

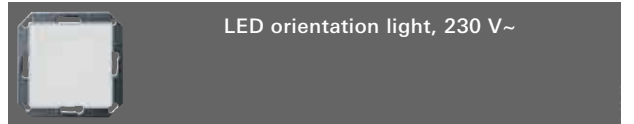


<b>LED orientation light, 230 V~ with pictogram</b>		
<b>WC Women and Men</b>		
Stainless Steel	2791 20	1 11
Aluminium	2791 203	1 11
<b>WC Men</b>		
Stainless Steel	2792 20	1 11
Aluminium	2792 203	1 11
<b>WC Women</b>		
Stainless Steel	2793 20	1 11
Aluminium	2793 203	1 11
<b>Wheelchair</b>		
Stainless Steel	2794 20	1 11
Aluminium	2794 203	1 11
<b>Staircase</b>		
Stainless Steel	2795 20	1 11
Aluminium	2795 203	1 11
<b>Baby-care room</b>		
Stainless Steel	2796 20	1 11
Aluminium	2796 203	1 11
<b>Information</b>		
Stainless Steel	2797 20	1 11
Aluminium	2797 203	1 11
<b>Arrow</b>		
Stainless Steel	2798 20	1 11
Aluminium	2798 203	1 11
<b>No smoking</b>		
Stainless Steel	2799 20	1 11
Aluminium	2799 203	1 11
<b>Mobile phones prohibited</b>		
Stainless Steel	2800 20	1 11
Aluminium	2800 203	1 11
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>		
	0289 20	5/25 11

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour is set by stopping at the corresponding point. The brightness of the light can be set individually.

Power supply: 230 V AC, 50 Hz  
 Power consumption: 1.8 W/2.0 VA  
 Light intensity: 0.8 cd (white)  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

Order no.	Packing unit	PS
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<b>LED orientation light, 230 V~</b>		
	1169 00	1 02
<b>Intermediate plate 55 x 55 mm for E22Stainless Steel Series 20, 21</b>		
	0289 202	1 11

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour can be set by stopping at the corresponding point. The brightness of the light can be set individually.

A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in. A stainless-steel slat (for reduction of glare) is included with the LED orientation light.

Power supply: 230 V AC, 50 Hz  
 Power consumption: 1.8 W/2.0 VA  
 Light intensity: 1.2 cd (white)  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

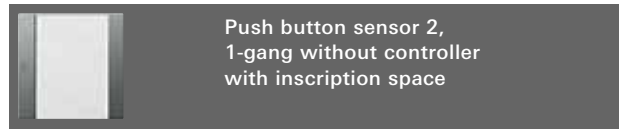
Inscription sheets 2870 .. → Page 209.



E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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Push button sensors/cover plates for bus systems

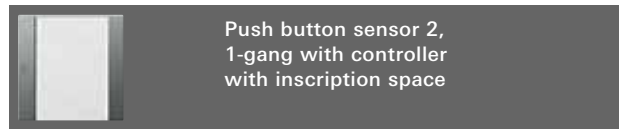


Push button sensor 2, 1-gang without controller with inscription space

Stainless Steel (lacquered)	1011 20	1/5	06
Aluminium (lacquered)	1011 203	1/5	06
transparent white	1011 100	1/5	06

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>	<b>0289 20</b>	<b>5/25</b>	<b>11</b>
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For use in the Gira bus systems.  
 Functional description of Instabus system → Page 312.  
 Functional description of radio bus system → Page 393.

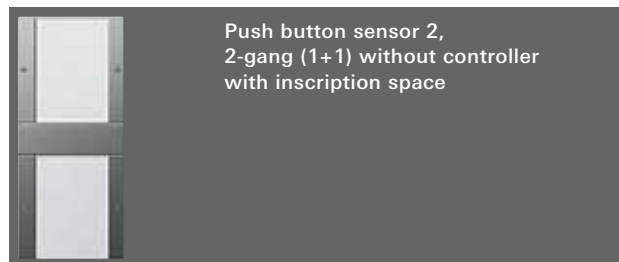


Push button sensor 2, 1-gang with controller with inscription space

Stainless Steel (lacquered)	1061 20	1/5	06
Aluminium (lacquered)	1061 203	1/5	06
transparent white	1061 100	1/5	06

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>	<b>0289 20</b>	<b>5/25</b>	<b>11</b>
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For use in the Gira Instabus system.  
 Functional description → Page 313.

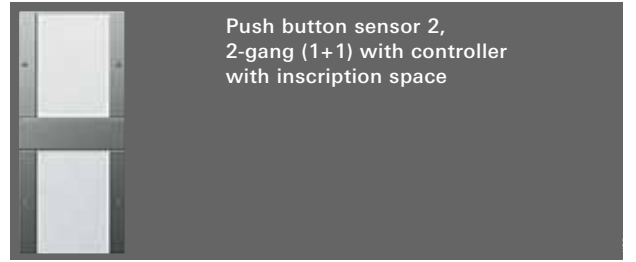


Push button sensor 2, 2-gang (1+1) without controller with inscription space

Stainless Steel (lacquered)	1012 20	1	06
Aluminium (lacquered)	1012 203	1	06
transparent white	1012 100	1	06

For use in the Gira bus systems.  
 Functional description of Instabus system → Page 314.  
 Functional description of radio bus system → Page 393.

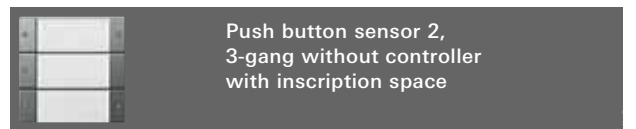
Order no.	Packing unit	PS
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Push button sensor 2, 2-gang (1+1) with controller with inscription space

Stainless Steel (lacquered)	1062 20	1	06
Aluminium (lacquered)	1062 203	1	06
transparent white	1062 100	1	06

For use in the Gira Instabus system.  
 Functional description → Page 315.

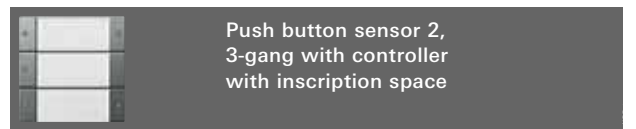


Push button sensor 2, 3-gang without controller with inscription space

Stainless Steel (lacquered)	1013 20	1/5	06
Aluminium (lacquered)	1013 203	1/5	06
transparent white	1013 100	1/5	06

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>	<b>0289 20</b>	<b>5/25</b>	<b>11</b>
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For use in the Gira bus systems.  
 Functional description of Instabus system → Page 316.  
 Functional description of radio bus system → Page 394.

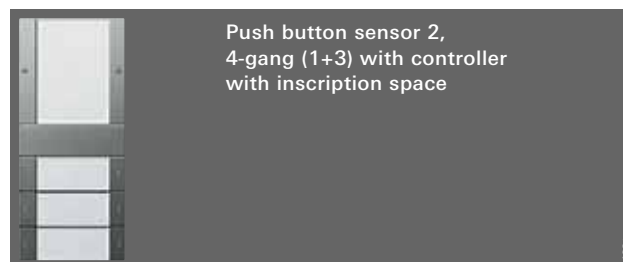


Push button sensor 2, 3-gang with controller with inscription space

Stainless Steel (lacquered)	1063 20	1/5	06
Aluminium (lacquered)	1063 203	1/5	06
transparent white	1063 100	1/5	06

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>	<b>0289 20</b>	<b>5/25</b>	<b>11</b>
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For use in the Gira Instabus system.  
 Functional description → Page 316.




Push button sensor 2, 4-gang (1+3) with controller with inscription space

Stainless Steel (lacquered)	1064 20	1	06
Aluminium (lacquered)	1064 203	1	06
transparent white	1064 100	1	06


For use in the Gira Instabus system.  
 Functional description → Page 318.

E22 Stainless Steel, Aluminium, Thermoplastic

	Order no.	Packing unit	PS	
 <p>Push button sensor 2, 6-gang (3+3) with controller with inscription space</p>	Stainless Steel (lacquered)	1066 20	1	06
	Aluminium (lacquered)	1066 203	1	06
	transparent white	1066 100	1	06

Stainless Steel (lacquered)	1066 20	1	06
Aluminium (lacquered)	1066 203	1	06
transparent white	1066 100	1	06


For use in the Gira Instabus system.  
Functional description → Page 319.

 <p>Push button sensor 2plus, 2-gang with inscription space</p>	Stainless Steel (lacquered)	1052 20	1/5	06
	Aluminium (lacquered)	1052 203	1/5	06
	transparent white	1052 100	1/5	06

Stainless Steel (lacquered)	1052 20	1/5	06
Aluminium (lacquered)	1052 203	1/5	06
transparent white	1052 100	1/5	06


Intermediate plate 55 x 55 mm  
for Stainless Steel Series 20, 21  
0289 20 5/25 11

For use in the Gira Instabus system.  
Functional description → Page 320.


 <p>Push button sensor 2plus, 5-gang (2+3) with inscription space</p>	Stainless Steel (lacquered)	1055 20	1	06
	Aluminium (lacquered)	1055 203	1	06
	transparent white	1055 100	1	06

Stainless Steel (lacquered)	1055 20	1	06
Aluminium (lacquered)	1055 203	1	06
transparent white	1055 100	1	06


For use in the Gira Instabus system.  
Functional description → Page 323.

 <p>Radio top unit for switching and dimming (touch dimmer cover plate)</p>	Stainless Steel	0543 20	1/5	02
	Aluminium	0543 203	1	02
	pure white glossy	0543 03	1/5	02


Functional description of radio bus system → Page 397.

	Order no.	Packing unit	PS	
 <p>Radio blind control button with sensor evaluation</p>	Stainless Steel	0545 20	1/5	02
	Aluminium	0545 203	1	02
	pure white glossy	0545 03	1/5	02

Functional description of radio bus system → Page 398.


 <p>Instabus KNX/EIB data interface with inscription space and removal protection</p>	Stainless Steel	0558 20	1/5	06
	Aluminium	0558 203	1	06
	pure white glossy	0558 03	1	06

For use in the Gira Instabus system.  
Functional description → Page 327.


 <p>Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface</p>	Stainless Steel	0876 20	1	11
	Aluminium	0276 203	1	11
	pure white glossy	0276 03	10/100	01

with inscription space	Stainless Steel	0276 20	1	11
	Aluminium	0876 203	1	11
	pure white glossy	0876 03	1	01

USB data interface UP 1070 00 → Page 351.  
Inscription sheets 1453 00 → Page 208.

 <p>Instabus KNX/EIB Continuous regulator with 4-gang button interface including bus coupler</p>	Stainless Steel	2100 20	1	06
	Aluminium	2100 203	1	06
	pure white glossy	2100 03	1	06
Remote sensor	1493 00	1	02	

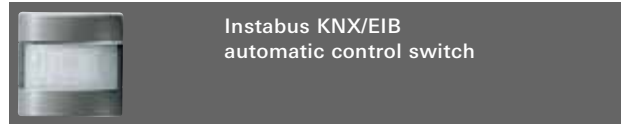
For use in the Gira Instabus system.  
Functional description → Page 329.

 <p>Instabus KNX/EIB Object regulator with 4-gang button interface including bus coupler</p>	Stainless Steel	2101 20	1	06
	Aluminium	2101 203	1	06
	pure white glossy	2101 03	1	06
Remote sensor	1493 00	1	02	

For use in the Gira Instabus system.  
Functional description → Page 330.

E22 Stainless Steel,  
Aluminium,  
Thermoplastic

Order no.	Packing unit	PS
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Instabus KNX/EIB automatic control switch

Standard top unit			
Stainless Steel (lacquered)	0880 20	1	06
Aluminium (lacquered)	0880 203	1	06
pure white glossy	0880 03	1/5	06

Comfort top unit			
Stainless Steel (lacquered)	1304 20	1/5	06
Aluminium (lacquered)	1304 203	1	06
pure white glossy	1304 03	1/5	06

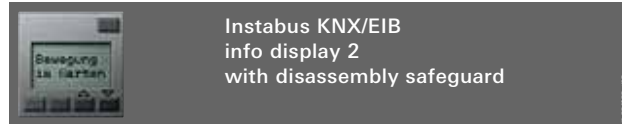
Standard top unit for high installation areas			
Stainless Steel (lacquered)	0889 20	1	06
Aluminium (lacquered)	0889 203	1	06
pure white glossy	0889 03	1/5	06

Comfort top unit for high installation areas			
Stainless Steel (lacquered)	1305 20	1	06
Aluminium (lacquered)	1305 203	1	06
pure white glossy	1305 03	1/5	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

For use in the Gira Instabus system.  
 Functional description of standard top unit → Page 331.  
 Functional description of comfort top unit → Page 332.  
 Functional description of standard top unit for high installation areas → Page 331.  
 Functional description of comfort top unit for high installation areas → Page 333.

Order no.	Packing unit	PS
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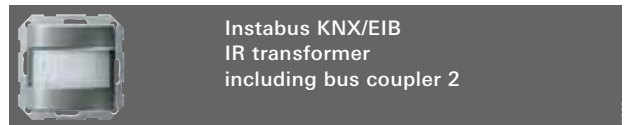


Instabus KNX/EIB info display 2 with disassembly safeguard

Stainless Steel	0510 20	1/5	06
Aluminium	0510 203	1/5	06
pure white glossy	0510 03	1/5	06

Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

For use in the Gira Instabus system.  
 Functional description → Page 335.



Instabus KNX/EIB IR transformer including bus coupler 2

Stainless Steel (lacquered)	0588 20	1	06
Aluminium (lacquered)	0588 203	1	06
pure white glossy	0588 03	1	06

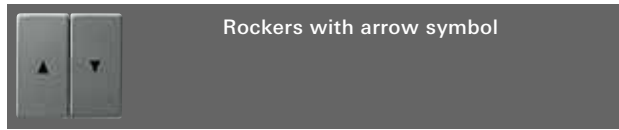
Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21			
	0289 20	5/25	11

For use in the Gira Instabus system.  
 Functional description → Page 335.

E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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**Blind controller**



Rockers with arrow symbol

Stainless Steel	<b>0294 20</b>	10	11
Aluminium	<b>0294 203</b>	1	11
pure white glossy	<b>0294 03</b>	10/100	01

Blind button/switch inserts 0158 00, 0159 00 → Page 193.  
 Bus-coupler button 0182 00 → Page 310.

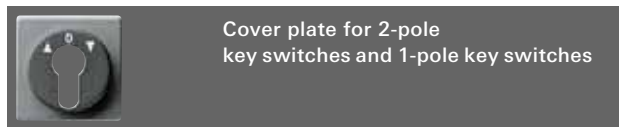


Cover plate with knob for blind switches/buttons

Stainless Steel	<b>0666 20</b>	1	11
Aluminium	<b>0666 203</b>	1	11

with symbol plates  
 pure white glossy **0666 03** 5 01

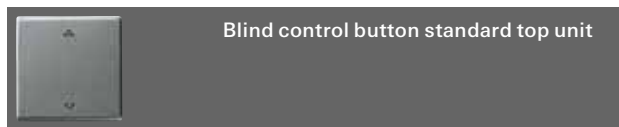
Blind button/switch inserts 0154 00, 0157 00 → Page 193.



Cover plate for 2-pole key switches and 1-pole key switches

Stainless Steel	<b>0664 20</b>	1	02
Aluminium	<b>0664 203</b>	1	02
pure white glossy	<b>0664 03</b>	5	02

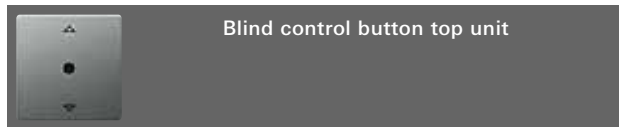
Key switch inserts 0144 00, 0163 00 → Page 193.  
 Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207.



Blind control button standard top unit

Stainless Steel	<b>0634 20</b>	1	02
Aluminium	<b>0634 203</b>	1	02
pure white glossy	<b>0634 03</b>	1	02

Functional description → Page 216.

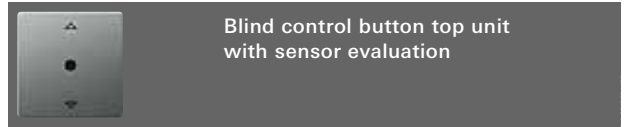


Blind control button top unit

Stainless Steel	<b>0644 20</b>	1/5	02
Aluminium	<b>0644 203</b>	1	02
pure white glossy	<b>0644 03</b>	1/5	02

Functional description → Page 217.

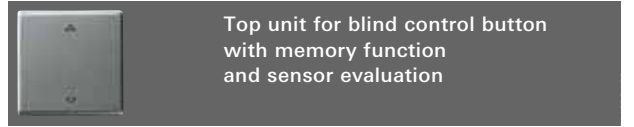
Order no.	Packing unit	PS
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Blind control button top unit with sensor evaluation

Stainless Steel	<b>0820 20</b>	1/5	02
Aluminium	<b>0820 203</b>	1	02
pure white glossy	<b>0820 03</b>	1/5	02

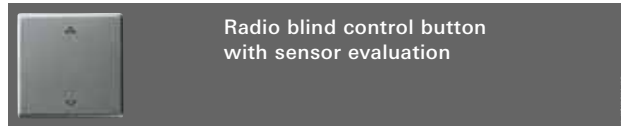
Functional description → Page 217.



Top unit for blind control button with memory function and sensor evaluation

Stainless Steel	<b>0822 20</b>	1/5	02
Aluminium	<b>0822 203</b>	1	02
pure white glossy	<b>0822 03</b>	1/5	02

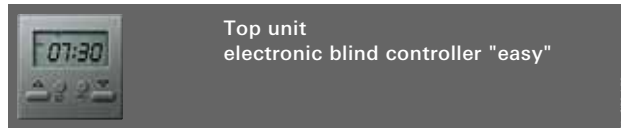
Functional description → Page 218.



Radio blind control button with sensor evaluation

Stainless Steel	<b>0545 20</b>	1/5	02
Aluminium	<b>0545 203</b>	1	02
pure white glossy	<b>0545 03</b>	1/5	02

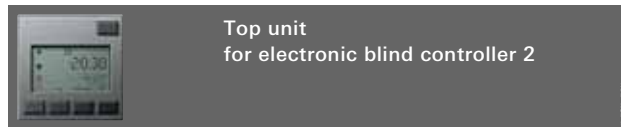
For use in the Gira radio bus system.  
 Functional description → Page 398.



Top unit electronic blind controller "easy"

Stainless Steel	<b>0841 20</b>	1/5	02
Aluminium	<b>0841 203</b>	1	02
pure white glossy	<b>0841 03</b>	1/5	02

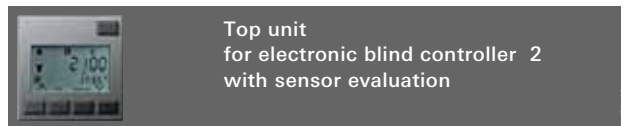
Functional description → Page 219.



Top unit for electronic blind controller 2

Stainless Steel	<b>1308 20</b>	1	02
Aluminium	<b>1308 203</b>	1	02
pure white glossy	<b>1308 03</b>	1	02

Functional description → Page 219.



Top unit for electronic blind controller 2 with sensor evaluation

Stainless Steel	<b>1309 20</b>	1	02
Aluminium	<b>1309 203</b>	1	02
pure white glossy	<b>1309 03</b>	1	02

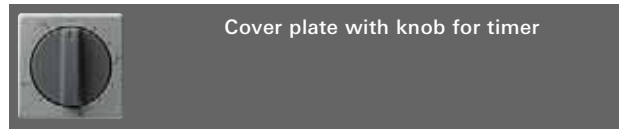
Functional description → Page 220.

E22 Stainless Steel, Aluminium, Thermoplastic



Order no.	Packing unit	PS
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**Time switch**

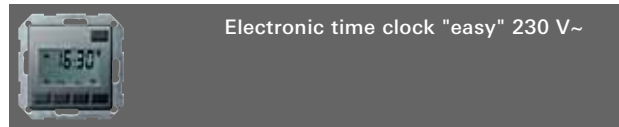


Cover plate with knob for timer

<b>15 minutes</b>			
Stainless Steel	<b>0640 20</b>	1	02
Aluminium	<b>0640 203</b>	1	02
<b>120 minutes</b>			
Stainless Steel	<b>0642 20</b>	1	02
Aluminium	<b>0642 203</b>	1	02
<b>with symbol plates</b>			
pure white glossy	<b>0666 03</b>	5	01

For screw attachment only.

**Timer inserts 0320 00, 0321 00 → Page 193.**



Electronic time clock "easy" 230 V~

<b>0 – 1000 W/VA</b>			
Stainless Steel	<b>1175 20</b>	1	02
Aluminium	<b>1175 203</b>	1	02
pure white glossy	<b>1175 03</b>	1	02

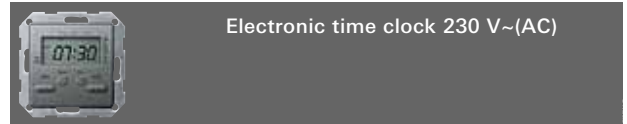
The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



Order no.	Packing unit	PS
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Electronic time clock 230 V~(AC)

<b>0 – 1000 W/VA</b>			
Stainless Steel	<b>0385 20</b>	1	02
Aluminium	<b>0385 203</b>	1	02
pure white glossy	<b>0385 03</b>	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).

The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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Room temperature controller



Room temperature controller 230 V~

**230/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

Stainless Steel	<b>0392 20</b>	1/5	02
Aluminium	<b>0392 203</b>	1	02
pure white glossy	<b>0392 03</b>	1/5	02

**230/10 (4) A~ with NC contact<sup>1)</sup>**

Stainless Steel	<b>0390 20</b>	1/5	02
Aluminium	<b>0390 203</b>	1	02
pure white glossy	<b>0390 03</b>	1/5	02

**230/5 (2) A~ with 2-way switch<sup>2)</sup>**

Stainless Steel	<b>0396 20</b>	1/5	02
Aluminium	<b>0396 203</b>	1	02
pure white glossy	<b>0396 03</b>	1/5	02

For screw attachment only. Flat design.  
Night-time heating reduction: approx. 4 K.  
<sup>1)</sup>Contact rating: 2200 W.

<sup>2)</sup>Rated heating current: 10(4) A.  
Contact rating for heating: 2200 W.  
Rated cooling current: 5(2) A.  
Contact rating for cooling: 1100 W.

**Thermal valve drive 230 V~ 1122 00 → Page 32.**



Room temperature controller 24 V~

**24/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

Stainless Steel	<b>0393 20</b>	1/5	02
Aluminium	<b>0393 203</b>	1	02
pure white glossy	<b>0393 03</b>	1/5	02

**24/10 (4) A~ with NC contact<sup>1)</sup>**

Stainless Steel	<b>0391 20</b>	1/5	02
Aluminium	<b>0391 203</b>	1	02
pure white glossy	<b>0391 03</b>	1/5	02

**24/5 (2) A~ with 2-way switch<sup>2)</sup>**

Stainless Steel	<b>0397 20</b>	1/5	02
Aluminium	<b>0397 203</b>	1	02
pure white glossy	<b>0397 03</b>	1/5	02

For screw attachment only. Flat design.  
Night-time heating reduction: approx. 4 K.  
<sup>1)</sup>Contact rating: 240 W.

<sup>2)</sup>Rated heating current: 10(4) A.  
Contact rating for heating: 240 W.  
Rated cooling current: 5(2) A.  
Contact rating for cooling: 120 W.

**Thermal valve drive 24 V 1123 00 → Page 33.**



Room temperature controller 230 V~ with sensor, for electrical floor heating

**230/10 (4) A~ with NO contact**

Stainless Steel	<b>0394 20</b>	1	02
Aluminium	<b>0394 203</b>	1	02
pure white glossy	<b>0394 03</b>	1	02

For screw attachment only.

Night-time reduction: approx. 5 K.  
Contact rating: 2200 W.

Flat construction. With remote sensors on 4 m cable (2 x 0.75 mm<sup>2</sup>), can be extended to 50 m with 1.5 mm<sup>2</sup> 2-lead cable.

Lay remote sensors in empty pipe in floor.



Room temperature controller 230 V~ with clock

Stainless Steel	<b>0389 20</b>	1	02
Aluminium	<b>0389 203</b>	1	02
pure white glossy	<b>0389 03</b>	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. For example, heating units can be controlled directly via the switched output.

- Selectable operating modes „heating“ or „cooling“.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage: 230 V, 50 Hz  
N conductor required  
Contact rating: 8 (4) A  
1 NO contact, with equipotential bonding (relay contact)  
Temperature range: +10 °C to +40 °C (comfort/night-time reduction)  
+5 °C to +15 °C (frost protection temperature)  
Ambient temperature: 0 °C to +50 °C

**Remote sensor 1302 00 → Page 90.**

**Thermal valve drive 230 V~ 1122 00 → Page 32.**




Remote sensors for room-temperature controller with clock

black	<b>1302 00</b>	1	02
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Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **0389 ...** Sensors in plastic cap with 6 mm Ø diameter and length of 43 mm.

**Room temperature controller with clock 0389 ... → Page 90.**

E22 Stainless Steel, Aluminium, Thermoplastic

	Order no.	Packing unit	PS
	<b>Radio room temperature sensor with clock</b>		
Stainless Steel	<b>1186 20</b>	1	02
Aluminium	<b>1186 203</b>	1	02
pure white glossy	<b>1186 03</b>	1	02

For use in the Gira radio bus system.  
Functional description → Page 391.


	Order no.	Packing unit	PS
	<b>Electronic hygrostat 230 V~(AC)</b>		
Stainless Steel	<b>2265 20</b>	1	02
Aluminium	<b>2265 203</b>	1	02
pure white glossy	<b>2265 03</b>	1	02

The hygrostat detects the humidity and the room temperature via internal sensors and calculates the optimum humidity of the air for the respective measured temperature. For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.  
A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint: In this case, 60 % relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.


To prevent continuous operation of the fan with a generally high ambient humidity (e.g. when thunderstorms are possible), the hygrostat monitors the switch-on time. If the humidity does not drop below the set value after 1 hour, ventilation is interrupted for 4 hours. This interruption is indicated by an LED and can be manually influenced with a button.

Rated voltage: 230 V, 50 Hz  
Contact rating: 8 (4) A  
1 NO contact, with equipotential bonding (relay contact)

Control range: 20 % to 95 % rel. humidity  
Measuring tolerance: ± 5% rel. humidity  
Switching differential: ± 2%  
Protection type: IP 20  
Operating temperature: 0 °C to +50 °C  
Cable length to load: max. 100 m


	Order no.	Packing unit	PS
	<b>Thermal valve drive 230 V~</b>		
	<b>1122 00</b>	5	06

Functional description → Page 32.


	Order no.	Packing unit	PS
	<b>Thermal valve drive 24 V</b>		
	<b>1123 00</b>	1	06

Functional description → Page 33.


	Order no.	Packing unit	PS
<b>Door communication system</b>			

	Order no.	Packing unit	PS
	<b>Hands-free feature home station, surface-mounted</b>		
Stainless Steel	<b>1250 20</b>	1	18
Aluminium	<b>1250 203</b>	1	18
pure white glossy	<b>1250 03</b>	1	18

Additional products in door communication system and functional description → Page 266.


	Order no.	Packing unit	PS
	<b>Hands-free feature home station</b>		
Stainless Steel	<b>1280 20</b>	1	18
Aluminium	<b>1280 203</b>	1	18
transparent white			
pure white glossy	<b>1280 103</b>	1	18
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	<b>0289 20</b>	5/25	11

Additional products in door communication system and functional description → Page 267.


	Order no.	Packing unit	PS
	<b>Standard home station with receiver</b>		
Stainless Steel	<b>1281 20</b>	1	18
Aluminium	<b>1281 203</b>	1	18
pure white glossy	<b>1281 03</b>	1	18
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	<b>0289 20</b>	5/25	11

Additional products in door communication system and functional description → Page 268.


E22 Stainless Steel, Aluminium, Thermoplastic

	Order no.	Packing unit	PS	
	<b>Call button, 1-gang for home station</b>			
	Stainless Steel (lacquered)	1283 20	1	18
	Aluminium (lacquered)	1283 203	1	18
	transparent white	1283 100	1	18
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>				
	0289 20	5/25	11	


Additional products in door communication system and functional description → Page 268.

	Order no.	Packing unit	PS	
	<b>Call button, 3-gang for home station</b>			
	Stainless Steel (lacquered)	1285 20	1	18
	Aluminium (lacquered)	1285 203	1	18
	transparent white	1285 100	1	18
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>				
	0289 20	5/25	11	

Additional products in door communication system and functional description → Page 269.

	Order no.	Packing unit	PS	
	<b>TFT colour display</b>			
	Stainless Steel	1286 20	1	10
	Aluminium	1286 203	1	10
	pure white glossy	1286 03	1	10
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>				
	0289 20	5/25	11	


Additional products in door communication system and functional description → Page 269.

	Order no.	Packing unit	PS	
	<b>Surface-mounted gong</b>			
	Stainless Steel	1200 20	1	18
	Aluminium	1200 203	1	18
	pure white glossy	1200 03	1	18

Additional products in door communication system and functional description → Page 273.

	Order no.	Packing unit	PS
<b>Keyless In</b>			

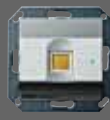
As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.

	Order no.	Packing unit	PS	
	<b>Keyless In Keypad</b>			
	Stainless Steel (lacquered)	2605 20	1	10
	Aluminium (lacquered)	2605 203	1	10
	pure white glossy	2605 03	1	10
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>				
	0289 20	5/25	11	

Stainless Steel (lacquered)	2605 20	1	10
Aluminium (lacquered)	2605 203	1	10
pure white glossy	2605 03	1	10

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	0289 20	5/25	11

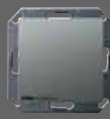
For use as a separate device or in the Gira door communication system. Functional description → Page 280.

	Order no.	Packing unit	PS	
	<b>Keyless In Fingerprint reader</b>			
	Stainless Steel (lacquered)	2607 20	1	10
	Aluminium (lacquered)	2607 203	1	10
	pure white glossy	2607 03	1	10
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>				
	0289 20	5/25	11	

Stainless Steel (lacquered)	2607 20	1	10
Aluminium (lacquered)	2607 203	1	10
pure white glossy	2607 03	1	10

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	0289 20	5/25	11

For use as a separate device or in the Gira door communication system. Functional description → Page 281.

	Order no.	Packing unit	PS	
	<b>Keyless In Transponder reader</b>			
	<b>System 55</b>			
	Stainless Steel (lacquered)	2606 20	1	10
	Aluminium (lacquered)	2606 203	1	10
pure white glossy	2606 03	1	10	
<b>Programming card</b>				
yellow/grey	2608 00	1	10	
<b>Transponder key active</b>				
black	2609 00	1	10	
<b>Transponder card passive</b>				
black/silver	2611 00	1	18	
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>				
	0289 20	5/25	11	

<b>System 55</b>			
Stainless Steel (lacquered)	2606 20	1	10
Aluminium (lacquered)	2606 203	1	10
pure white glossy	2606 03	1	10

<b>Programming card</b>			
yellow/grey	2608 00	1	10

<b>Transponder key active</b>			
black	2609 00	1	10

<b>Transponder card passive</b>			
black/silver	2611 00	1	18

<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	0289 20	5/25	11

For use as a separate device or in the Gira door communication system. Functional description → Page 282.

E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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**Communication Technology**



Data cap with support ring and inscription space for data and communication connection-technology inserts

Stainless Steel	<b>0870 20</b>	1/5	11
Aluminium	<b>0870 203</b>	1	11
pure white glossy	<b>0870 03</b>	1	01

For screw attachment only.  
For vertical and 30° tilted socket outlet.

Inserts for data caps → Page 288.

Inscription sheets 1457 00 → Page 208.



Attachable covering cap for device with cover plate (50 x 50 mm) and angled socket outlet

Stainless Steel	<b>0682 20</b>	1/5	11
Aluminium	<b>0682 203</b>	1	11
pure white glossy	<b>0682 03</b>	1	01

Devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. from Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat. 5 BICC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante and Panduit (2-gang MSCSP 2) can be integrated in the switch range with this cover cap and and cover frame (1 to 5-gang).

Cover plate for UAE/IAE (ISDN) 0270 20, 0284 20 → Page 93.  
Inscription sheets 1455 00 → Page 208.



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)

Stainless Steel (lacquered)	<b>0282 20</b>	5	11
Aluminium (lacquered)	<b>0282 203</b>	1	11
pure white glossy	<b>0282 03</b>	5/25	01

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.



Intermediate plate with round cut-out and hinged cover with inscription space for devices with cover plate (50 x 50 mm)

Stainless Steel	<b>0681 20</b>	5	11
Aluminium	<b>0681 203</b>	1	11

Devices of other manufacturers with square central plates can be integrated in the switch range with this intermediate plate and cover frame (1 to 5-gang).

Inscription sheets 1453 00 → Page 208.

Order no.	Packing unit	PS
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**Telecommunication**



Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface

Stainless Steel	<b>0876 20</b>	1	11
Aluminium	<b>0276 203</b>	1	11
pure white glossy	<b>0276 03</b>	10/100	01

with inscription space

Stainless Steel	<b>0276 20</b>	1	11
Aluminium	<b>0876 203</b>	1	11
pure white glossy	<b>0876 03</b>	1	01

Suitable for all common TAE connection boxes.

TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 290.

Inscription sheets 1453 00 → Page 208.



Cover plate for TDO connection box

(for Austria only)

Stainless Steel	<b>0860 20</b>	5	11
Aluminium	<b>0260 203</b>	1	11
pure white glossy	<b>0260 03</b>	5	01

with inscription space

(for Austria only)

Stainless Steel	<b>0260 20</b>	1	11
Aluminium	<b>0860 203</b>	1	11
pure white glossy	<b>0860 03</b>	1	01

Suitable for all common TDO connection boxes.

Inscription sheets 1453 00 → Page 208.



Cover plate for UAE/IAE (ISDN) and network connection box

Stainless Steel (lacquered)	<b>0270 20</b>	5	11
Aluminium (lacquered)	<b>0270 203</b>	1	11
pure white glossy	<b>0270 03</b>	10/100	01

with inscription space

Stainless Steel (lacquered)	<b>0284 20</b>	1	11
Aluminium (lacquered)	<b>0284 203</b>	1	11
pure white glossy	<b>0284 03</b>	5	01

Cover plate can be broken out.

Suitable for UAE/IAE (ISDN) connection boxes.

UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 290.

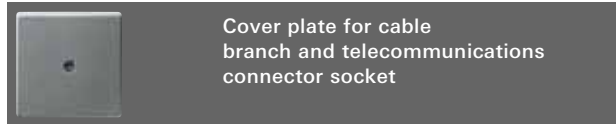
Network connection boxes 0166 00 → Page 291.

Network connection boxes 0178 00, 0180 00, 0802 00, 0805 00 → Page 291.

Attachable covering cap 0682 .. → Page 93.

Inscription sheets 1453 00 → Page 208.

Order no.	Packing unit	PS
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Cover plate for cable branch and telecommunications connector socket

Stainless Steel	<b>0274 20</b>	5	11
Aluminium	<b>0274 203</b>	1	11
pure white glossy	<b>0274 03</b>	5	01

Fits all common telecommunications connector sockets.  
**Cable branch insert 0400 00 → Page 290.**



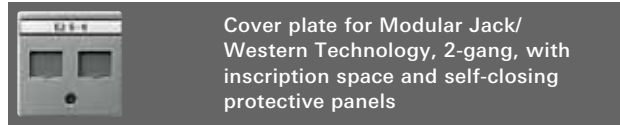
Cover plate for Belgacom connection box

Stainless Steel	<b>0280 20</b>	1	11
Aluminium	<b>0280 203</b>	1	11
pure white glossy	<b>0280 03</b>	1	01

Inserts available from wholesalers.

Order no.	Packing unit	PS
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**Data systems technology**



Cover plate for Modular Jack/Western Technology, 2-gang, with inscription space and self-closing protective panels

Stainless Steel	<b>0663 20</b>	5	11
Aluminium	<b>0663 203</b>	1	11
pure white glossy	<b>0663 03</b>	10/100	01

Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.

**Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1198 00, 1121 00 → Page 292.**

**Pin jack for Modular Jack 0043 00 → Page 292.**

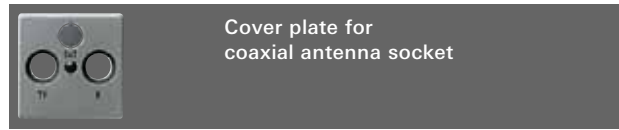
**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**

**Inscription sheets 1453 00 → Page 208.**

E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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**TV / Multimedia**



Cover plate for coaxial antenna socket

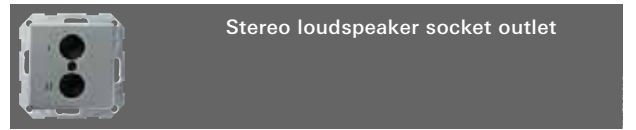
Stainless Steel	<b>0869 20</b>	5	11
Aluminium	<b>0869 203</b>	1	11
pure white glossy	<b>0869 03</b>	10/100	01

Third hole can be broken out.

**Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 294.**

Order no.	Packing unit	PS
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**Acoustics**



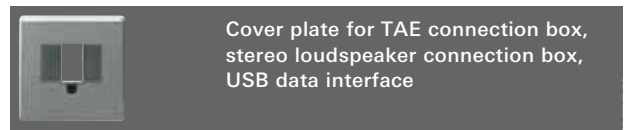
Stereo loudspeaker socket outlet

Stainless Steel	<b>0402 20</b>	1/5	11
Aluminium	<b>0402 203</b>	1	11
pure white glossy	<b>0402 03</b>	1/5	01

With screw terminals.

Connectable line diameter max. 1.5 mm<sup>2</sup>.

For line diameter up to 10 mm<sup>2</sup>, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ..** or cover plate for loudspeaker plug (WBT) **0407 ...**



Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface

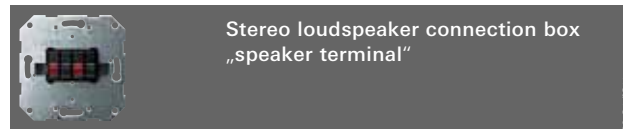
Stainless Steel	<b>0876 20</b>	1	11
Aluminium	<b>0276 203</b>	1	11
pure white glossy	<b>0276 03</b>	10/100	01

**with inscription space**

Stainless Steel	<b>0276 20</b>	1	11
Aluminium	<b>0876 203</b>	1	11
pure white glossy	<b>0876 03</b>	1	01

**Stereo loudspeaker connection box 1109 10 → Page 95.**

**Inscription sheets 1453 00 → Page 208.**



Stereo loudspeaker connection box „speaker terminal“

<b>1109 10</b>	1/5	03
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For connection of loudspeaker cables up to a maximum of 6 mm<sup>2</sup>.  
Connection on front:

- Quick mounting with screwless connection terminals
- Poling with coloured markings

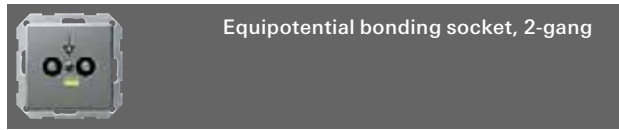
Wall connection:

- Connection with screw terminals
- Flexible and rigid conductors possible
- Large clamping chamber for securing wires
- Pole marking on wall side

**Suitable for cover plate 0276 .., 0876 .. → Page 95.**

Order no.	Packing unit	PS
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**Equipotential bonding socket**

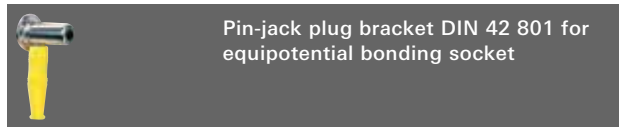


Equipotential bonding socket, 2-gang

Stainless Steel	<b>0405 20</b>	1/5	11
Aluminium	<b>0405 203</b>	1	11
pure white glossy	<b>0405 03</b>	1/5	01

For the connection of medical devices. DIN 42 801.  
Connectable line diameter: 6 to 10 mm<sup>2</sup>.

**Pin-jack plug bracket 044757 → Page 96.**



Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

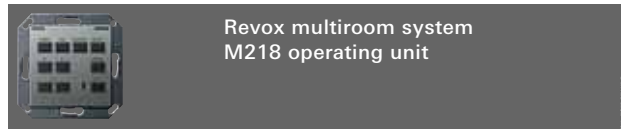
For lines up to 6 mm <sup>2</sup>	<b>044757</b>	5/25	01
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With yellow insulating bush.

**Equipotential bonding socket 0405 ... → Page 96.**

Order no.	Packing unit	PS
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**Revox multiroom system**



Revox multiroom system M218 operating unit

Stainless Steel	<b>0538 20</b>	1	06
Aluminium	<b>0538 203</b>	1	06
pure white glossy	<b>0538 03</b>	1	06

**Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21**

<b>0289 20</b>	5/25	11
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**Functional description → Page 304.**



Revox multiroom system M217 display unit

Stainless Steel	<b>0539 20</b>	1	06
Aluminium	<b>0539 203</b>	1	06
pure white glossy	<b>0539 03</b>	1	06

**Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21**

<b>0289 20</b>	5/25	11
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**Functional description → Page 304.**



Revox multiroom system M217/M218 regulating unit

Stainless Steel	<b>0540 20</b>	1	06
Aluminium	<b>0540 203</b>	1	06
pure white glossy	<b>0540 03</b>	1	06

**Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21**

<b>0289 20</b>	5/25	11
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**Functional description → Page 304.**

E22 Stainless Steel, Aluminium, Thermoplastic



Order no.	Packing unit	PS
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**Other**




**Sealing set IP 44 for rocker switches and push rockers**

<b>0251 20</b>	5	01
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In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush-mounted IP 44 (not for series or 2-way switches).

**Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 107.**



**Sealing set IP 44 for socket outlets with hinged cover**


<b>0252 20</b>	5	01
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In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with earth pin and hinged cover can be installed water-protected and flush-mounted IP44.

**Stainless-steel SCHUKO socket outlet with hinged cover 0454 20 → Page 80.**

**Stainless-steel socket outlet with earth pin and hinged cover 0488 20 → Page 80.**

**Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 107.**



**Intermediate plate with square cut-out 55 x 55 mm**

<b>0289 20</b>	5/25	11
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Material: plastic.

For integration of E22 or System 55 functions in Stainless Steel Series 20 and Series 21.

**Cover frame Stainless Steel Series 20, 1 to 5-gang, 0211 20 to 0215 20 → Page 107.**

**Cover frame stainless Steel Series 21, 1 to 5-gang, 0211 21 to 0215 21 → Page 107.**



**Intermediate plate with square cut-out 55 x 55 mm**


<b>0289 202</b>	1	11
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Material: plastic.

For integration of System 55 functions in E22 stainless steel and aluminium.

**LED orientation light 1169 00 → Page 84.**

Order no.	Packing unit	PS
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**Cover plate for light signal**

Stainless Steel	<b>0660 20</b>	1	11
Aluminium	<b>0660 203</b>	1	11
pure white glossy	<b>0660 03</b>	5	01

**Light signal insert (E 10) 0160 00 → Page 206.**

**Light signal insert 0161 00 → Page 206.**

**Flat covering caps, can be inserted, 0801 20, 0803 20, 0804 20, 0806 20, 0807 20 → Page 206.**




**Blind cover plate with support ring**

Stainless Steel	<b>0268 20</b>	5	11
Aluminium	<b>0268 203</b>	1	11
pure white glossy	<b>0268 03</b>	10/100	01

For screw attachment.

**Flush-mounted radio**



**Flush-mounted radio**

Stainless Steel	<b>0315 20</b>	1	03
Aluminium	<b>0315 203</b>	1	03
<b>transparent white</b>			
pure white glossy	<b>0315 103</b>	1	03
<b>Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21</b>			
	<b>0289 20</b>	5/25	11

FM radio for flush-mounted installation, consisting of two flush-mounted inserts, an operating top unit and a loudspeaker top unit. The flush-mounted radio is installed in two flush-mounted device boxes (we recommend deep boxes) or, for hollow-wall installation, in a 2-gang device box. Only for screw attachment. The operating element controls the following functions:

- On/Off.
- Station search.
- Loud/quiet.
- Station memory 1/2.

The device has two auxiliary inputs:

- For example, the radio can be switched on with the 230 V auxiliary input with a light switch or automatic control switch.
- The flush-mounted radio can be switched on/off using any zero-voltage NO contact via the zero-voltage auxiliary input. If a time clock is connected to the auxiliary input, the flush-mounted radio can also be used as a radio alarm clock.

Status LED for On/Off, Station search, Memory 1, Memory 2.

In the sleep mode, the device automatically switches off 30 minutes after being switched on.

Note: Reception interference can result in combination with additional electronic devices under a common cover plate.

Power supply: AC 230 V  
 Connection: Screw terminals for max. 2.5 mm<sup>2</sup> or 2 x 1.5 mm<sup>2</sup>

Temperature range: 0 °C to +50 °C  
 Protection type: IP 20  
 Frequency range: 87.50 to 108.00 MHz



E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Radio weather station incl. radio for radio sensor**



Radio weather station incl. radio for radio sensor

Stainless Steel (lacquered)	<b>0334 20</b>	1	03
Aluminium (lacquered)	<b>0334 203</b>	1	03
pure white glossy	<b>0334 03</b>	1	03

The set consists of a radio weather station for inside and a radio sensor for outside or inside installation.

**Radio weather station**

- Design diversity via integration in System 55/E22.
- Installation possible with or without cover frame.  
Note: A 2-gang cover frame without crossbar is required when installing in a 58 mm flush-mounted box.
- Power supply via 2 CR 2032 button cells or optional power adapter **0341 00**.
- Up to 4 radio sensors can be learned in.
- Weather forecasts with animated symbols.
- Battery status display for radio weather station and radio sensor.
- Display of inside and outside temperature with trend display.
- Display of inside and outside humidity with trend display.
- Barometer with trend display.
- Display of the phases of the moon.
- Time and date display.

**Radio sensor**

- Sprayed-water protected housing.
- Two-line LCD display with time, temperature or humidity display.
- Radio controlled clock.
- Battery change and channel display.
- Table stand or wall hanger.

**Radio weather station**

Dimensions:	W x H x D 55 x 127 x 20 mm
Batteries:	2 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Temperature	
Measurement range:	-5 °C to +50 °C (+23 °F to +122 °F)
Resolution:	0,1 °C (0.2 °F)
Relative humidity	
Measurement range:	25 % to 95 %
Resolution:	1 %
Barometer	
Measurement range:	700 mb/hPa to 1050 mb/hPa 20.67 inHg to 31.01 inHg

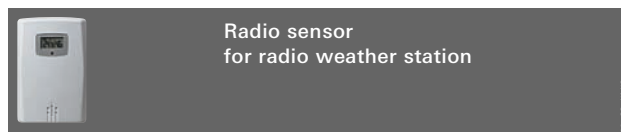
**Radio sensor**

Dimensions:	W x H x D 70 x 116 x 24 mm
Batteries:	2 x 1.5 V Mignon LR06 (AA) (batteries included in the scope of supply are consumables and must be replaced regularly)
Temperature	
Measurement range:	-20 °C to +60 °C (-4 °F to +140 °F)
Resolution:	0,1 °C (0.2 °F)
Relative humidity	
Measurement range:	25 % to 95 %
Resolution:	1 %
Transmission frequency:	433 MHz
Range:	approx. 100 m (free field)

**Installation possible without cover frame or with E22 cover frame, 2-gang without crossbar 1002 .., 2886 ..**

**Additional outside sensor 0343 00 → Page 98.**

**Optional power supply 0341 00 → Page 98.**



Radio sensor for radio weather station

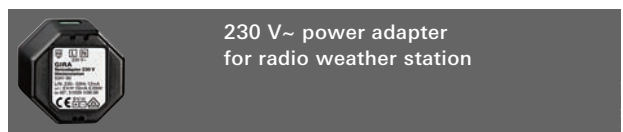
<b>0343 00</b>	1	03
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Radio sensor for expansion of the radio weather station.

- Sprayed-water protected housing.
- LCD display with temperature and humidity display.
- Battery change and channel display.
- Table stand or wall hanger.

Dimensions:	W x H x D 60 x 92 x 20 mm
Batteries:	2 x 1.5 V Micro LR03 (AAA) alkaline (batteries included in the scope of supply are consumables and must be replaced regularly)
Temperature	
Measurement range:	-20 °C to +60 °C (-4 °F to +140 °F)
Resolution:	0,1 °C (0.2 °F)
Relative humidity	
Measurement range:	25 % to 95 %
Resolution:	1 %
Transmission frequency:	433 MHz
Range:	approx. 30 m (free field)

**Radio weather station 0334 .. → Page 98.**



230 V~ power adapter for radio weather station

<b>0341 00</b>	1	03
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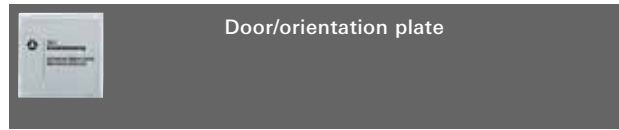
With the power adapter, the radio weather station can be operated with 230 V. The radio weather station must be installed on a flush-mounted box (we recommend a deep box) for this.

**Radio weather station 0334 .. → Page 98.**

E22 Stainless Steel, Aluminium, Thermoplastic

Order no.	Packing unit	PS
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**Door/orientation plate**



Door/orientation plate

1-gang			
pure white	1071 00	1	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The 1-gang door/orientation plate is inserted into the Standard 55, 1-gang Event, E2 or E22 cover frame. In conjunction with Standard, 55, Event, E2 or E22 multiple cover frames and buttons, the 1-gang door/orientation plate can be used as a bell button with a large inscription label.

It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

Screwing on:

The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

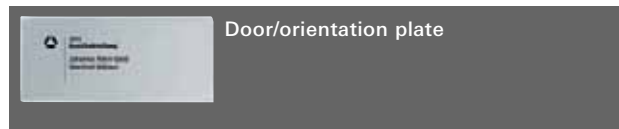
Adhesion:

The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points.

For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 51 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for Standard 55, E22, 1-gang 1081 02 → Page 99.**

**Labelling sheet 1085 00 → Page 99.**



Door/orientation plate

2-gang			
pure white	1072 00	5	01

Inscription label used as an orientation aid or for identifying rooms in public buildings or office complexes. The large door/orientation plate is inserted into the Standard 55, Event, E2 or E22 cover frame, 2-gang, without crossbar.

It consists of a base plate and a transparent, attachable cover plate. Two options for attachment are available:

Screwing on:

The base plate of the door/orientation plate is attached to the wall with the supplied screws/plugs.

Adhesion:

The base plate is attached to smooth surfaces, e.g. metal doors, with the accompanying sticky points. For installation on glass surfaces, the door/orientation plate is adhered to a (separately available) base plate. The 51 x 122 mm label carrier can be exchanged with ease. Simply pull off the transparent cover plate and exchange the insert. The labelling sheets can be printed by almost any B/W or colour printer.

**Base plate for Standard 55, E22, 2-gang 1082 02 → Page 99.**

**Labelling sheet 1085 00 → Page 99.**

Order no.	Packing unit	PS
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Base plate for cover frames Standard 55, E2, E22 for door/orientation plate

1-gang			
pure white	1081 02	1	11
black	1081 00	1	01
2-gang			
pure white	1082 02	1	11
black	1082 00	1	01

The self-adhesive base plate is an intermediate plate for the attachment of the door/orientation plate to smooth, transparent, surfaces, e.g. glass plates. The base plate affords aesthetically pleasing closure on the back.

**Door/orientation plate, 1-gang 1071 00 → Page 99.**

**Door/orientation plate, 2-gang 1072 00 → Page 99.**

Labelling sheets for door/orientation plate		
1085 00	1	01

Insert for the door/orientation plate in DIN A4 size. The material thickness is optimally suitable for the plate. This prevents waving, as can occur with common copier paper. The labelling sheets can be printed by almost any B/W or colour printer.

Scope of supply: 10 sheets

**Door/orientation plate, 1-gang 1071 00. → Page 99.**

**Door/orientation plate, 2-gang 1072 00. → Page 99.**

E22 Stainless Steel, Aluminium, Thermoplastic

# Gira E22

## Installing in a flush-mounted box

### Installing in a flush-mounted box

- 1 First, fit a flush-mounted box in the wall.
- 2 Then install the device and cover frame in the device box in the usual manner.
- 3 Finally, mount the design cover plate on the device. The installation is complete.

#### Cover frames

The installation in a standard flush-mounted box is possible with all three material versions. The switch frames taper back to the wall, and it appears as though the switch is floating in front of the wall.



E22 Stainless Steel,  
Aluminium,  
Thermoplastic

Help with ordering Installation in a flush-mounted box	
<p><b>Individual components</b></p> <p>The cover frames for conventional installation are supplied without a flush-mounted box. The cover frames are available in 1 to 5-gang sizes for this type of installation.</p>	
<p>1-gang</p> <p>2-gang</p> <p>3-gang</p> <p>4-gang</p> <p>5-gang</p> <p>2-gang, without crossbar</p>	<p>0211 ...*</p> <p>0212 ...*</p> <p>0213 ...*</p> <p>0214 ...*</p> <p>0215 ...*</p> <p>1002 ...*</p>

\* All cover frame variants are available in the three materials.  
The endings for the order numbers are:  
201 Thermoplastic [pure white glossy]  
202 Stainless Steel  
203 Aluminium

Order no.	Packing unit	PS
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**Cover frames for combinations vertical and horizontal**



<b>1-gang</b> Stainless Steel	<b>0211 202</b>	10	11
<b>2-gang</b> Stainless Steel	<b>0212 202</b>	10	11
<b>3-gang</b> Stainless Steel	<b>0213 202</b>	1/5	11
<b>4-gang</b> Stainless Steel	<b>0214 202</b>	1/5	11
<b>5-gang</b> Stainless Steel	<b>0215 202</b>	1/5	11



<b>1-gang</b> Aluminium	<b>0211 203</b>	10	11
<b>2-gang</b> Aluminium	<b>0212 203</b>	10	11
<b>3-gang</b> Aluminium	<b>0213 203</b>	1/5	11
<b>4-gang</b> Aluminium	<b>0214 203</b>	1/5	11
<b>5-gang</b> Aluminium	<b>0215 203</b>	1/5	11



<b>1-gang</b> pure white glossy (thermoplastic)	<b>0211 201</b>	10	01
<b>2-gang</b> pure white glossy (thermoplastic)	<b>0212 201</b>	10	01
<b>3-gang</b> pure white glossy (thermoplastic)	<b>0213 201</b>	1/5	01
<b>4-gang</b> pure white glossy (thermoplastic)	<b>0214 201</b>	1/5	01
<b>5-gang</b> pure white glossy (thermoplastic)	<b>0215 201</b>	1/5	01

**Shatter-proof.**

Order no.	Packing unit	PS
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**Cover frames for combinations vertical and horizontal, without crossbar**



<b>2-gang</b> Stainless Steel	<b>1002 202</b>	10	11
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<b>2-gang</b> Aluminium	<b>1002 203</b>	10	11
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<b>2-gang</b> pure white glossy (thermoplastic)	<b>1002 201</b>	10	01
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**Shatter-proof.**

Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.

Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.

Push button sensor 2plus, 5-gang 1055.. → Page 323.

Surface-mounted hands-free feature home station 1250 .. → Page 266.

Surface-mounted gong 1200 .. → Page 273.

Door/orientation plate, 2-gang 1072 00 → Page 99.

Radio weather station 0334 .. → Page 98.

# Gira E22

## Installing flush with the wall

### Flush installation for hollow walls

There is a special E22 device box for hollow-wall installation, which can be recessed directly in the wall.

- 1 Produce rectangular cut-out.
- 2 Insert the E22 device box, align and screw in with claws [mounting as with a market-standard hollow-wall box].
- 3 Install the device and cover frame in the usual manner and complete installation by mounting the design cover plate.


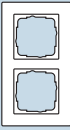
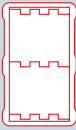

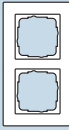
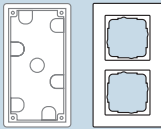
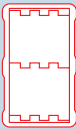
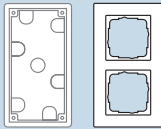
### Flush installation for masonry

For flush-mounting in masonry, the E22 flush-mounted box is mounted and then the E22 device box is screwed in over it.

- 1 Produce a rectangular cut-out, mount and align the E22 flush-mounted box and, for example, secure with plaster [there are two alignment aids on the box for the spirit level].
- 2 Mount the included plaster protection and plaster the wall, then remove the plaster protection and cut the opening clear.
- 3 Mount the E22 device box in the E22 flush-mounted box, align it and screw in with claws. The device box can be corrected by up to 3°.
- 4 Install the device and cover frame in the device box and then mount the design cover plate on the device.



E22 Stainless Steel,  
Aluminium,  
Thermoplastic

Help with ordering Installation flush with the wall	for hollow walls		for masonry		
<b>Individual components</b>  If there is a long period of time between installation of the flush-mounted box/device box and mounting of the cover frames, it may be practical to order the cover frames later on short notice. This eliminates the question of storage and the cover frames are protected from damage.					
	E22 device box	Gira E22 cover frame for installing flush with the wall	E22 flush-mounted box	E22 device box	Gira E22 cover frame for installing flush with the wall
1-gang	2896 00	0211 ...**	2891 00	2896 00	0211 ...**
2-gang	2897 00	0212 ...**	2892 00	2897 00	0212 ...**
3-gang	2898 00	0213 ...**	2893 00	2898 00	0213 ...**
4-gang	2899 00	0214 ...**	2894 00	2899 00	0214 ...**
2-gang, without crossbar	2897 00	1002 ...**	2892 00	2897 00	1002 ...**
<b>Installation sets</b>  Flush-mounted and device boxes can also be ordered in a set directly with cover frames. This variation is practical when, for example, the cover frames are to be screwed down promptly after installing the boxes.					
	E22 device box and Gira E22 cover frame for installing flush with the wall		E22 flush-mounted box	E22 device box and Gira E22 cover frame for installing flush with the wall	
1-gang	2881 ...*		2891 00	2881 ...*	
2-gang	2882 ...*		2892 00	2882 ...*	
3-gang	2883 ...*		2893 00	2883 ...*	
4-gang	2884 ...*		2894 00	2884 ...*	
2-gang, without crossbar	2886 ...*		2892 00	2886 ...*	

All cover frame variants are available in the three materials.

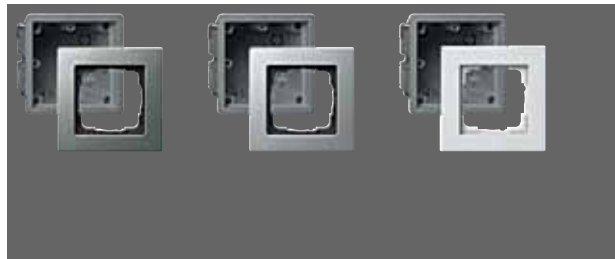
The endings for the order numbers are:

\* 201 Thermoplastic [pure white glossy], 202 Stainless Steel, 203 Aluminium

\*\*204 Thermoplastic [pure white glossy], 205 Stainless Steel, 206 Aluminium

Order no.	Packing unit	PS
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**E22 installation set for flat mounting, with E22 cover frame and E22 device box**



**Stainless Steel**

(set consisting of cover frame/device box)

1-gang	2881 202	1	11
2-gang	2882 202	1	11
3-gang	2883 202	1	11
4-gang	2884 202	1	11

**Aluminium**

(set consisting of cover frame/device box)

1-gang	2881 203	1	11
2-gang	2882 203	1	11
3-gang	2883 203	1	11
4-gang	2884 203	1	11

**pure white glossy (thermoplastic)**

(set consisting of cover frame/device box)

1-gang	2881 201	1	01
2-gang	2882 201	1	01
3-gang	2883 201	1	01
4-gang	2884 201	1	01

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted in an E22 flush-mounted box, which is then placed in the wall.

**Installation in hollow wall:**

- Produce rectangular cut-out (template included).
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

**Installation in masonry:**

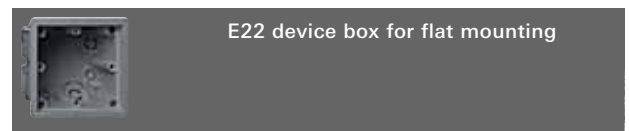
- Product rectangular cut-out (e.g. with a keyway cutter/caulking hammer, angular bit/caulking hammer, chisel).
- Install and align E22 flush-mounted box **2891 00, 2892 00, 2893 00, 2894 00** and, for example, secure with plaster.
- Mount plaster protection (included with E22 flush-mounted box).
- Plaster the wall.
- Remove the plaster protection and cut the opening clear.
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

**E22 flush-mounted box 2891 00, 2892 00, 2893 00, 2894 00 → Page 105.**



Order no.	Packing unit	PS
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**E22 device box for flat mounting**



1-gang	2896 00	1	11
2-gang	2897 00	1	11
3-gang	2898 00	1	11
4-gang	2899 00	1	11

The Gira E22 switch range offers a new method for mounting. It can be installed flat on the wall using a special device box and cover frame for flat mounting **0211 204 - 0214 204, 0211 205 - 0214 205, 0211 206 - 0214 206, 1002 204, 1002 205, 1002 206**. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall. The device box has no cable retainer.

**E22 cover frame for flat mounting 0211 204 - 0214 204, 0211 205 - 0214 205, 0211 206 - 0214 206 → Page 104.**

**E22 flush-mounted box 2891 00, 2892 00, 2893 00, 2894 00 → Page 105.**



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**E22 cover frame for flat mounting**

**E22 installation set for flat mounting, with E22 cover frame without crossbar and E22 device box**



**Stainless Steel**

**(cover frame for flat mounting)**

1-gang	0211 205	1	11
2-gang	0212 205	1	11
3-gang	0213 205	1	11
4-gang	0214 205	1	11

**Stainless Steel**

**(set consisting of cover frame/device box)**

2-gang	2886 202	1	11
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**Aluminium**

**(cover frame for flat mounting)**

1-gang	0211 206	1	11
2-gang	0212 206	1	11
3-gang	0213 206	1	11
4-gang	0214 206	1	11

**Aluminium**

**(set consisting of cover frame/device box)**

2-gang	2886 203	1	11
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**pure white glossy (thermoplastic)**

**(cover frame for flat mounting)**

1-gang	0211 204	1	01
2-gang	0212 204	1	01
3-gang	0213 204	1	01
4-gang	0214 204	1	01

**pure white glossy (thermoplastic)**

**(set consisting of cover frame/device box)**

2-gang	2886 201	1	01
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The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall.

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted in an E22 flush-mounted box, which is then placed in the wall.

**E22 device box for flat mounting 2896 00, 2897 00, 2898 00, 2899 00 → Page 103.**

**E22 flush-mounted box 2891 00, 2892 00, 2893 00, 2894 00 → Page 105.**



**Installation in hollow wall:**

- Produce rectangular cut-out (template included).
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

**Installation in masonry:**

- Produce rectangular cut-out (e.g. with a keyway cutter/caulking hammer, angular bit/caulking hammer, chisel).
- Mount and align E22 flush-mounted box **2892 00** and, for example, secure with plaster.
- Mount plaster protection (included with E22 flush-mounted box).
- Plaster the wall.
- Remove the plaster protection and cut the opening clear.
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner. The device box has no cable retainer.

**E22 flush-mounted box 2892 00 → Page 105.**

**Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.**

**Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.**

**Push button sensor 2plus, 5-gang 1055.. → Page 323.**

**Surface-mounted hands-free feature home station 1250 .. → Page 266.**

**Surface-mounted gong 1200 .. → Page 273.**

**Door/orientation plate, 2-gang 1072 00 → Page 99.**

**Radio weather station 0334 .. → Page 98.**

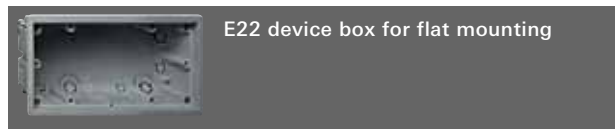


E22 Stainless Steel, Aluminium, Thermoplastic



Order no.	Packing unit	PS
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**E22 device box for flat mounting**



E22 device box for flat mounting

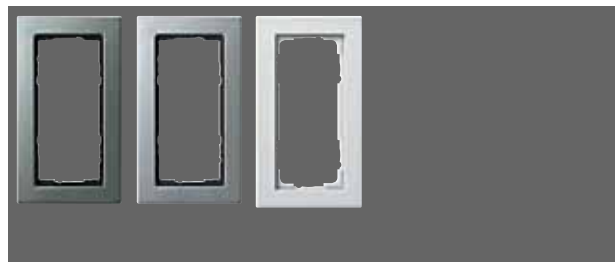
2-gang	<b>2897 00</b>	1	11
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The Gira E22 switch range offers a new method for mounting. It can be installed flat on the wall using a special device box and cover frame for flat mounting **0211 204 - 0214 204, 0211 205 - 0214 205, 0211 206 - 0214 206, 1002 204, 1002 205, 1002 206**. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall. The device box has no cable retainer.

**E22 cover frame without crossbar for flat mounting 1002 204, 1002 205, 1002 206 → Page 105.**  
**E22 flush-mounted box 2892 00 → Page 105.**



**E22 cover frame without crossbar for flat mounting**



**Stainless Steel**  
(cover frame for flat mounting)

2-gang	<b>1002 205</b>	1	11
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**Aluminium**  
(cover frame for flat mounting)

2-gang	<b>1002 206</b>	1	11
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**pure white glossy (thermoplastic)**  
(cover frame for flat mounting)

2-gang	<b>1002 204</b>	1	01
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The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. This E22 device box can be installed directly in the wall in cases of hollow-wall mounting, e.g. a flexible wall system. For flush-mounting in masonry, the E22 device box is inserted into an E22 flush-mounted box, which is then placed in the wall.

**E22 device box for flat mounting 2897 00 → Page 105.**  
**E22 flush-mounted box 2892 00 → Page 105.**

**Push button sensor 2, 2-gang 1012 .. in radio bus system → Page 393.**

**Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .. in Instabus system → Page 314.**

**Push button sensor 2plus, 5-gang 1055.. → Page 323.**

**Surface-mounted hands-free feature home station 1250 .. → Page 266.**

**Surface-mounted gong 1200 .. → Page 273.**

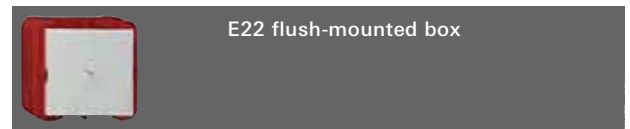
**Door/orientation plate, 2-gang 1072 00 → Page 99.**

**Radio weather station 0334 .. → Page 98.**



Order no.	Packing unit	PS
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**E22 flush-mounted box**



E22 flush-mounted box

1-gang	<b>2891 00</b>	1	01
2-gang	<b>2892 00</b>	1	01
3-gang	<b>2893 00</b>	1	01
4-gang	<b>2894 00</b>	1	01

The Gira E22 switch range offers a new method for mounting. Using a special device box, it can be installed flat on the wall. For flush-mounting in masonry, the E22 device box is inserted in an E22 flush-mounted box, which is then placed in the wall.

**Installation in masonry:**

- Product rectangular cut-out (e.g. with a keyway cutter/caulking hammer, angular bit/caulking hammer, chisel).
- Install and align E22 flush-mounted box **2891 00, 2892 00, 2893 00, 2894 00** and, for example, secure with plaster.
- Mount plaster protection (included with E22 flush-mounted box).
- Plaster the wall.
- Remove the plaster protection and cut the opening clear.
- Mount and align E22 device box and screw in with claws (mounting as with a market-standard hollow wall box).
- Install devices and cover frames in usual manner.

**E22 installation set for flat mounting 2881 .., 2882 .., 2883 .., 2884 .., 2886 .. → Page 103.**

**E22 cover frame for flat mounting 0211 204 - 0214 204, 0211 205 - 0214 205, 0211 206 - 0214 206, 1002 204, 1002 205, 1002 206 and E22 device box for flat mounting 2896 00, 2897 00, 2898 00, 2899 00 → Page 105.**



E22 Stainless Steel, Aluminium, Thermoplastic

# Gira Stainless Steel

## Series 20, Series 21

The cover frames of the Gira Stainless Steel Series 20 and Series 21 can be combined with the inserts of Gira E22 Stainless Steel. And that means the many new functions of Gira E22 Stainless Steel can also be used for Series 20 and Series 21.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 80.8 x 80.8  
2-gang: 152.0 x 80.8  
3-gang: 223.2 x 80.8  
4-gang: 294.4 x 80.8  
5-gang: 365.6 x 80.8  
corner radius of Series 20:  
R = 2  
corner radius of Series 21:  
R = 3

**Material**  
Stainless Steel X5 CrNi 1812,  
rust-proof  
plastic base:  
Albis PA 655/2, dark grey,  
shock-resistant and  
shatter-proof, halogen-free,  
UV-resistant,

**Surface**  
polished metal parts,  
satin matt finish

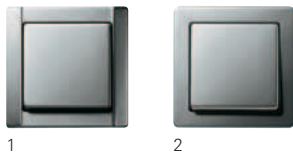
**Cleaning recommendation**  
Damp cloth

**Protection type**  
Stainless Steel Series 20:  
IP 20  
Stainless Steel Series 21:  
IP 20,  
IP 44 (when special sealing  
sets are used)

**Design**  
Stainless Steel Series 20:  
Prof. Odo Klose, Wuppertal  
Stainless Steel Series 21:  
Gira, Radevormwald

**Design awards**  
Stainless Steel Series 21:  
iF Product Design Award  
1996, 1997,  
iF Design Hanover

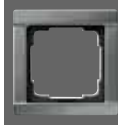
1 Series 20  
2 Series 21



Gira Stainless Steel Series 21  
2-gang combination,  
push switch/chinese  
socket outlet

Order no.	Packing unit	PS
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**Cover frame for combinations  
vertical and horizontal, Stainless Steel Series 20**



<b>1-gang</b> Stainless Steel	<b>0211 20</b>	10	11
<b>2-gang</b> Stainless Steel	<b>0212 20</b>	10	11
<b>3-gang</b> Stainless Steel	<b>0213 20</b>	1/5	11
<b>4-gang</b> Stainless Steel	<b>0214 20</b>	1/5	11
<b>5-gang</b> Stainless Steel	<b>0215 20</b>	1/5	11

Order no.	Packing unit	PS
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**Cover frame for combinations  
vertical and horizontal, Stainless Steel Series 21**



<b>1-gang</b> Stainless Steel	<b>0211 21</b>	10	11
<b>2-gang</b> Stainless Steel	<b>0212 21</b>	10	11
<b>3-gang</b> Stainless Steel	<b>0213 21</b>	1/5	11
<b>4-gang</b> Stainless Steel	<b>0214 21</b>	1/5	11
<b>5-gang</b> Stainless Steel	<b>0215 21</b>	1/5	11

In conjunction with sealing sets, also suitable for installation as water-protected flush-mounted IP 44.

**Sealing set 0251 20, 0252 20 → Page 97.**

The new Gira F100 is simple yet unmistakable in appearance. It includes a new array of functions for living comfort which leave nothing to be desired.

The integration of the LED illumination and the Gira KeylessIn products, as well as other functions from the System 55 is possible using an intermediate frame.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 83.3 x 83.3  
2-gang: 154.4 x 83.3  
3-gang: 225.9 x 83.3  
4-gang: 297.2 x 83.3  
5-gang: 368.5 x 83.3  
corner radius: R = 2

**Material**  
thermoplastic (polycarbonate, PC), shock-resistant and shatter-proof, halogen-free, UV-resistant, easy-care surface

**Colours**  
pure white glossy (similar to RAL 9010), cream white glossy (similar to RAL 1013)

**Surface-mounted installation**  
1 – 3-gang  
in pure white glossy and cream white glossy, including 15 x 15 mm ducts and fittings in all colours

**Protection type**  
IP 20,  
IP 44 (when sealing flange is used)

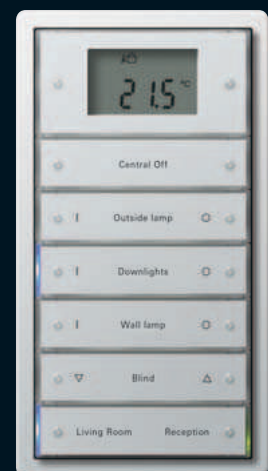
**Design**  
Phoenix Design, Stuttgart



3



4



5

# Gira F 100

## Gira F100

Push switches	110
Switches and push buttons	110
Socket outlets	112
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- 1 Pure white glossy
- 2 Cream white glossy



F100,  
pure white glossy

3  
Flush-mounted radio

4  
Hands-free feature  
home station with  
2.5" TFT colour display

5  
Push button sensor 2plus  
6-gang, transparent white

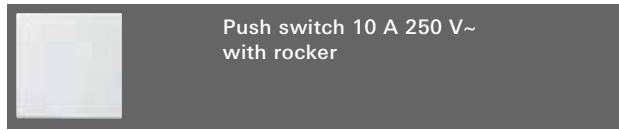
6  
2-gang combination,  
push switch/socket outlet  
with earth pin and  
child protection



6

Order no.	Packing unit	PS
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**Push switches**



Push switch 10 A 250 V~ with rocker

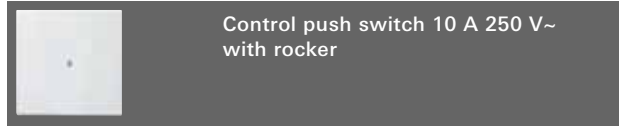
Universal off/2-way switch <sup>1)</sup>			
cream white glossy	0126 111	1/5	01
pure white glossy	0126 112	1/5	01
Intermediate switch			
cream white glossy	0127 111	1/5	01
pure white glossy	0127 112	1/5	01

<sup>1)</sup>If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch. Acoustic element with illumination 0935 00 → Page 205.



Push switch 10 A 250 V~ with series rockers

Series switch			
cream white glossy	0125 111	1/5	01
pure white glossy	0125 112	1/5	01
Double 2-way switch			
cream white glossy	0128 111	1/5	01
pure white glossy	0128 112	1/5	01



Control push switch 10 A 250 V~ with rocker

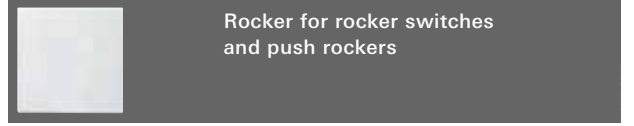
Universal off/2-way switch			
cream white glossy	0136 111	1/5	01
pure white glossy	0136 112	1/5	01
Circuit breaker 2-pole			
cream white glossy	0122 111	1/5	01
pure white glossy	0122 112	1/5	01

With neon lamp element. For compliance with the workplace ordinance, can also be connected with illumination. Replacement neon lamp element 0997 00 → Page 204.

Order no.	Packing unit	PS
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**Cover plates for switches and push buttons**

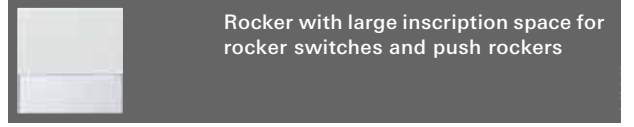
The following cover plates and rockers are supplied without inserts. Please order separately from → Page 191.



Rocker for rocker switches and push rockers

cream white glossy	0296 111	10/100	01
pure white glossy	0296 112	10/100	01

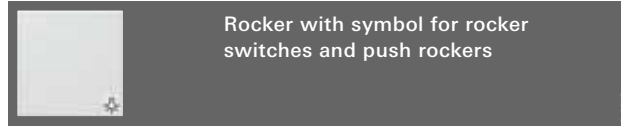
Inserts 0102 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191. Sealing flange IP 44 2790 111 → Page 128.



Rocker with large inscription space for rocker switches and push rockers

cream white glossy	0676 111	1	01
pure white glossy	0676 112	1	01

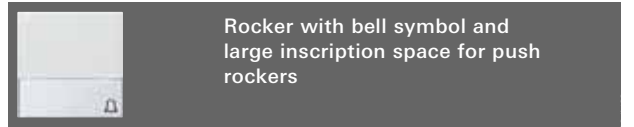
With large inscription space (70 x 24 mm). Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included. Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191. Inscription sheets 2875 .. → Page 209. Sealing flange IP 44 2790 111 → Page 128.



Rocker with symbol for rocker switches and push rockers

Light			
cream white glossy	0285 111	5	01
pure white glossy	0285 112	5	01
Bell			
cream white glossy	0286 111	5	01
pure white glossy	0286 112	5	01
Door			
cream white glossy	0287 111	5	01
pure white glossy	0287 112	5	01

Inserts 0102 00, 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191. Sealing flange IP 44 2790 111 → Page 128. Inscription sheets 2875 .. → Page 209.



Rocker with bell symbol and large inscription space for push rockers

Bell			
cream white glossy	0679 111	1	01
pure white glossy	0679 112	1	01

With large inscription space (70 x 24 mm). Neutral inscription label is included. Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 192. Inscription sheets 2875 .. → Page 209. Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Series rockers for rocker switches and push rockers			
	cream white glossy	0295 111	5	01
	pure white glossy	0295 112	5	01


Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 191.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Series rockers with control window for series control switches			
	cream white glossy	0631 111	1	01
	pure white glossy	0631 112	1	01


Series control switch insert 0145 00 → Page 191.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Rockers with arrow symbol			
	cream white glossy	0294 111	5	01
	pure white glossy	0294 112	5	01


Blind button/switch inserts 0158 00, 0159 00 → Page 193.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Rockers with arrow symbols			
	cream white glossy	1150 111	1	01
	pure white glossy	1150 112	1	01


Push rocker insert, 4-gang 0147 00 → Page 192.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Rocker with control window for rocker switches and push rockers			
	cream white glossy	0290 111	5	01
	pure white glossy	0290 112	5	01


Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Rocker with large inscription space and control window for rocker switches and push rockers			
	cream white glossy	0670 111	1	01
	pure white glossy	0670 112	1	01


With large inscription space (70 x 24 mm).  
Neutral inscription label is included.  
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.  
Inscription sheets 2875 .. → Page 209.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Rocker with light symbol and control window for rocker switches and push rockers			
	cream white glossy	0674 111	1	01
	pure white glossy	0674 112	5	01


Light  
Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Rocker labelled „Heizung Notschalter“ and control window for control switch			
	cream white glossy	0678 111	1	01
	pure white glossy	0678 112	1	01


Control switch inserts 0112 00, 0116 00 → Page 191.  
Sealing flange IP 44 2790 111 → Page 128.

	Order no.	Packing unit	PS	
	Cover plate with knob for three-stage switch			
	with zero setting			
	cream white glossy	0669 111	1	02
	pure white glossy	0669 112	1	02

Three-stage switch insert 0149 00 → Page 192.

	Order no.	Packing unit	PS	
	Cover plate for pull-switch and pull-button inserts			
	cream white glossy	0638 111	1	01
	pure white glossy	0638 112	1	01

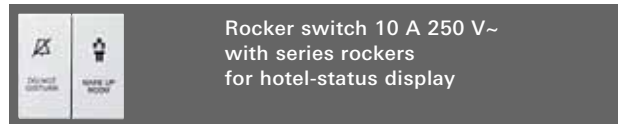
Neutral and red lens included.  
Pull-switch/pull-button inserts 0142 00, 0146 00, 0165 00 → Page 192.

	Order no.	Packing unit	PS	
	Hotel-card button 10 A 250 V~ illuminated			
	2-way switch, 1-pole			
	cream white glossy	0140 111	1/5	01
	pure white glossy	0140 112	1/5	01

The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.

Additional designs on request.  
Replacement LED illumination insert 230 V~ 0497 07, 0497 08, 0497 10 → Page 204.

Order no.	Packing unit	PS
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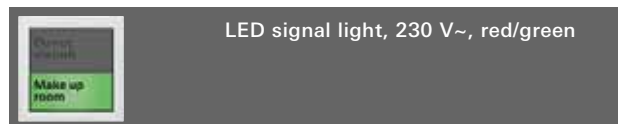


cream white glossy	<b>1104 111</b>	1	01
pure white glossy	<b>1104 112</b>	1	01

Switch for hotel-status display „Do not disturb“ and „Make up room“.

With block preventing two-sided activation. Electrically and mechanically locked.

**LED signal light red/green 1171 .. → Page 112.**  
**Sealing flange IP 44 2790 111 → Page 128.**

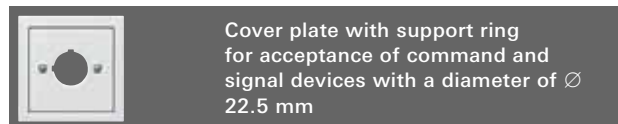


cream white glossy	<b>1171 111</b>	1	02
pure white glossy	<b>1171 112</b>	1	02

With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.

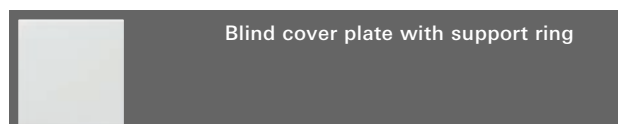
Power supply: 230 V AC, 50 Hz  
 Power consumption: 1.0 W/5.6 VA  
 Light intensity: 0.1 cd (red)  
 0.3 cd (green)  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

**Series switches for hotel-status display 1104 .. → Page 112.**  
**Rocker blind switch/button 0159 00 → Page 193.**  
**Inscription sheets 2870 .. → Page 209.**



cream white glossy	<b>0272 111</b>	1	01
pure white glossy	<b>0272 112</b>	1	01

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.

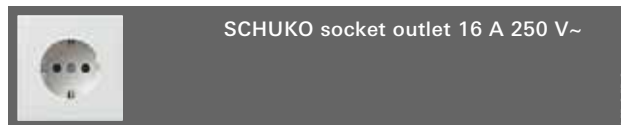


cream white glossy	<b>0268 111</b>	5	01
pure white glossy	<b>0268 112</b>	5	01

For screw attachment.

Order no.	Packing unit	PS
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**Socket outlets**



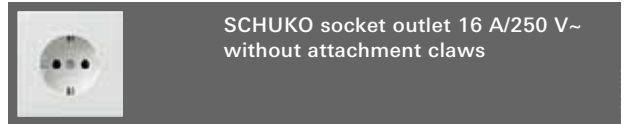
cream white glossy	<b>0188 111</b>	10/200	01
pure white glossy	<b>0188 112</b>	10/200	01

**with green cover plate for SV (safety supply)<sup>1)</sup>**  
 green, glossy **0455 119** 1/5 01

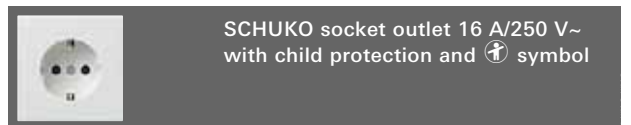
**with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup>**  
 orange, glossy **0456 119** 1/5 01

**with red cover plate for WSV (additional safety supply)<sup>1)</sup>**  
 red, glossy **0449 119** 1/5 01

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.



cream white glossy	<b>0466 111</b>	10/200	01
pure white glossy	<b>0466 112</b>	10/200	01



cream white glossy	<b>0453 111</b>	10/200	01
pure white glossy	<b>0453 112</b>	10/200	01

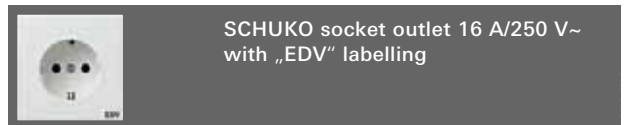
**with green cover plate for SV (safety supply)<sup>1)</sup>**  
 green, glossy **0432 119** 1/5 01

**with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup>**  
 orange, glossy **0433 119** 1/5 01

**with red cover plate for WSV (additional safety supply)<sup>1)</sup>**  
 red, glossy **0434 119** 1/5 01

Increased contact protection pursuant to VDE 0620.

<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.



cream white glossy	<b>0458 111</b>	1/5	01
pure white glossy	<b>0458 112</b>	1/5	01

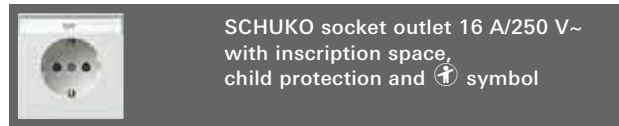


	Order no.	Packing unit	PS
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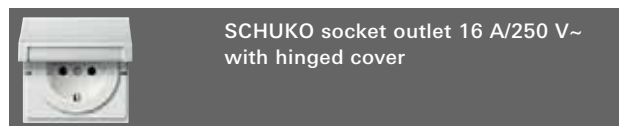
cream white glossy	<b>0457 111</b>	1/5	01
pure white glossy	<b>0457 112</b>	1/5	01
<b>with green cover plate for SV (safety supply)<sup>1)</sup></b>			
green, glossy	<b>0472 119</b>	1/5	01
<b>with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup></b>			
orange, glossy	<b>0473 119</b>	1/5	01
<b>with red cover plate for WSV (additional safety supply)<sup>1)</sup></b>			
red, glossy	<b>0474 119</b>	1/5	01

Inscription label „EDV“ is included.  
<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.  
**Inscription sheets 2876 .. → Page 209.**



cream white glossy	<b>0462 111</b>	1/5	01
pure white glossy	<b>0462 112</b>	1/5	01
<b>with green cover plate for SV (safety supply)<sup>1)</sup></b>			
green, glossy	<b>0438 119</b>	1/5	01
<b>with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup></b>			
orange, glossy	<b>0427 119</b>	1/5	01
<b>with red cover plate for WSV (additional safety supply)<sup>1)</sup></b>			
red, glossy	<b>0421 119</b>	1/5	01

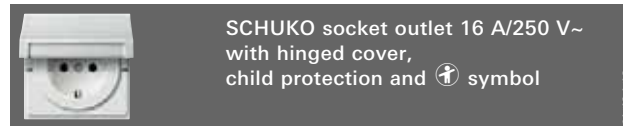
Increased contact protection pursuant to VDE 0620.  
 Inscription label „EDV“ is included.  
<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.  
**Inscription sheets 2876 .. → Page 209.**



cream white glossy	<b>0454 111</b>	1/5	01
pure white glossy	<b>0454 112</b>	1/5	01
<b>with green cover plate for SV (safety supply)<sup>1)</sup></b>			
green, glossy	<b>0415 119</b>	1/5	01
<b>with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup></b>			
orange, glossy	<b>0416 119</b>	1/5	01
<b>with red cover plate for WSV (additional safety supply)<sup>1)</sup></b>			
red, glossy	<b>0104 119</b>	1/5	01

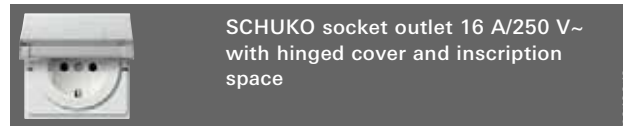
<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.  
**Sealing flange IP 44 2790 111 → Page 128.**

	Order no.	Packing unit	PS
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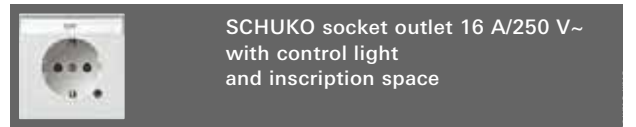
cream white glossy	<b>0414 111</b>	1/5	01
pure white glossy	<b>0414 112</b>	1/5	01
<b>with green cover plate for SV (safety supply)<sup>1)</sup></b>			
green, glossy	<b>2750 119</b>	1/5	01
<b>with orange cover plate for ZSV (supplementary safety supply)<sup>1)</sup></b>			
orange, glossy	<b>2751 119</b>	1/5	01
<b>with red cover plate for WSV (additional safety supply)<sup>1)</sup></b>			
red, glossy	<b>2752 119</b>	1/5	01

Increased contact protection pursuant to VDE 0620.  
<sup>1)</sup>The bases of the SCHUKO socket outlets are marked with the respective colour.  
**Sealing flange IP 44 2790 111 → Page 128.**



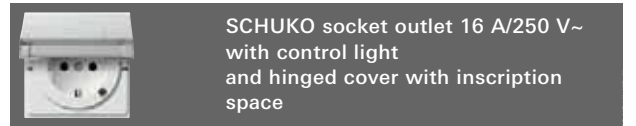
cream white glossy	<b>0410 111</b>	1/5	01
pure white glossy	<b>0410 112</b>	1/5	01
<b>with child protection and symbol<sup>1)</sup></b>			
cream white glossy	<b>0439 111</b>	1/5	01
pure white glossy	<b>0439 112</b>	1/5	01

Inscription label „EDV“ is included.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.  
**Inscription sheets 2876 .. → Page 209.**  
**Sealing flange IP 44 2790 111 → Page 128.**




cream white glossy	<b>0452 111</b>	1/5	01
pure white glossy	<b>0452 112</b>	1/5	01
<b>with child protection and symbol<sup>1)</sup></b>			
cream white glossy	<b>0435 111</b>	1/5	01
pure white glossy	<b>0435 112</b>	1/5	01

Inscription label „EDV“ is included.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.  
**Inscription sheets 2876 .. → Page 209.**



cream white glossy	<b>2753 111</b>	1/5	01
pure white glossy	<b>2753 112</b>	1/5	01
<b>with child protection and symbol<sup>1)</sup></b>			
cream white glossy	<b>2754 111</b>	1/5	01
pure white glossy	<b>2754 112</b>	1/5	01


Inscription label „EDV“ is included.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.  
**Inscription sheets 2876 .. → Page 209.**

	Order no.	Packing unit	PS
	cream white glossy	<b>0406 111</b>	1/5 01
	pure white glossy	<b>0406 112</b>	1/5 01

**with child protection and ⚡ symbol<sup>1)</sup>**


cream white glossy	<b>0418 111</b>	1/5	01
pure white glossy	<b>0418 112</b>	1/5	01

Particularly suitable for angled plugs.  
Also suitable for use in energy profiles and under-floor systems.  
For screw attachment without fixing claws.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	cream white glossy	<b>0451 111</b>	1/5 02
	pure white glossy	<b>0451 112</b>	1/5 02

With acoustic signal. Inscription label „EDV“ is included. With screw terminals.  
Maximum nominal discharge surge current: (8/20) to 4.5 kA  
**Inscription sheets 2876 .. → Page 209.**




	Order no.	Packing unit	PS
	cream white glossy	<b>0780 111</b>	1 01
	pure white glossy	<b>0780 112</b>	1 01


**with child protection and ⚡ symbol<sup>1)</sup>**

cream white glossy	<b>0783 111</b>	1	01
pure white glossy	<b>0783 112</b>	1	01

Suitable for all common 60 mm flush-mounted wall boxes.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.


	Order no.	Packing unit	PS
	cream white glossy	<b>0485 111</b>	1 01
	pure white glossy	<b>0485 112</b>	1 01

Increased contact protection pursuant to VDE 0620.


	Order no.	Packing unit	PS
	cream white glossy	<b>0488 111</b>	1/5 01
	pure white glossy	<b>0488 112</b>	1/5 01

**Sealing flange IP 44 2790 111 → Page 128.**

Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	cream white glossy	<b>0487 111</b>	1/5 01
	pure white glossy	<b>0487 112</b>	1/5 01

For screw attachment only. Symbol labelling is possible here.

	Order no.	Packing unit	PS
	cream white glossy	<b>0479 111</b>	1/5 01
	pure white glossy	<b>0479 112</b>	1/5 01

For screw attachment only.

Order no.	Packing unit	PS
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**Dimmers**

Cover plate with button for dimmer and electronic potentiometer			
cream white glossy	0650 111	5	02
pure white glossy	0650 112	5	02

- Universal rotary dimmer insert 1176 00 → Page 199.
- Auxiliary insert 1177 00 → Page 199.
- Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 201.
- Light-bulb dimming insert 1184 00 → Page 201.
- Light bulb dimming insert 0302 00 → Page 201.
- Light-bulb dimming insert 1181 00 → Page 201.
- Tronic dimming insert 1182 00 → Page 201.
- Tronic dimming insert 0307 00 → Page 201.
- LV dimming insert 0306 00 → Page 202.
- LV dimming insert 1183 00 → Page 202.
- Electronic potentiometer insert 0308 00, 0309 00 → Page 202.
- Sealing flange IP 44 2790 111 → Page 128.

Cover plate with button for speed adjuster			
cream white glossy	0652 111	1	02
pure white glossy	0652 112	1	02

- Speed adjuster insert 0314 00 → Page 192.
- Sealing flange IP 44 2790 111 → Page 128.

System 2000 top unit for switching and dimming (touch dimmer cover plate)			
cream white glossy	0655 111	1/5	02
pure white glossy	0655 112	1/5	02

Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.  
 Operating temperature: -20 °C to +45 °C

- System 2000 universal dimming insert 0305 00 → Page 194.
- System 2000 LV dimmer insert 0331 00 → Page 194.
- System 2000 1–10 V control device insert 0860 00 → Page 195.
- System 2000 Tronic switch insert (only switching here) 0866 00 → Page 195.
- System 2000 Triac switch insert (only switching here) 0854 00 → Page 196.
- System 2000 relay insert (only switching here) 0853 00 → Page 196.
- System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 197.
- System 2000 HLK relay insert (only switching here) 0303 00 → Page 197.
- System 2000 impulse insert 0336 00 → Page 198.
- System 2000 auxiliary insert 0333 00 → Page 198.

Order no.	Packing unit	PS
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Series top unit for switching and dimming (touch dimmer cover plate)			
cream white glossy	2264 111	1	02
pure white glossy	2264 112	1	02

Top unit with short-stroke button for use with the series dimming insert. Operation is carried out at the corner points of the button. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker. Pressing the centre at the top or bottom brightens or dims the two dimming circuits synchronously.

Operating temperature: -20 °C to +45 °C

Universal series dimming insert 2263 00 → Page 200.

Radio top unit for switching and dimming (touch dimmer cover plate)			
cream white glossy	0543 111	1/5	02
pure white glossy	0543 112	1/5	02

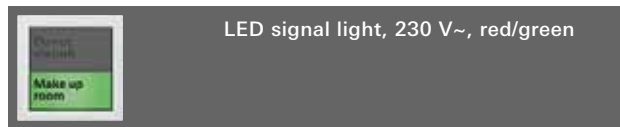
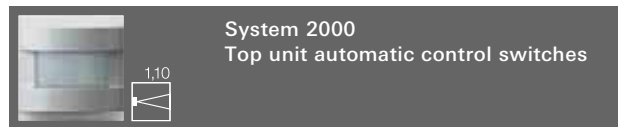
For use in the Gira radio bus system.  
 Functional description → Page 397.

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Automatic light**

**LED illumination**



**Standard top unit**

cream white glossy	<b>1300 111</b>	1/5	02
pure white glossy	<b>1300 112</b>	1/5	02

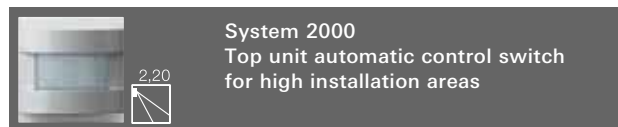
cream white glossy	<b>1171 111</b>	1	02
pure white glossy	<b>1171 112</b>	1	02

**Comfort top unit**

cream white glossy	<b>0661 111</b>	1	02
pure white glossy	<b>0661 112</b>	1	02

Functional description of standard top unit → Page 226.  
Functional description of comfort top unit → Page 226.

With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.



Power supply: 230 V AC, 50 Hz  
Power consumption: 1.0 W/5.6 VA  
Light intensity: 0.1 cd (red)  
0.3 cd (green)  
Protection type: IP 20  
Operating temperature: -15 °C to +40 °C

**Standard top unit**

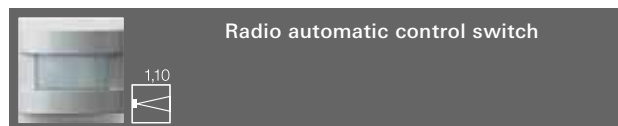
cream white glossy	<b>1301 111</b>	1/5	02
pure white glossy	<b>1301 112</b>	1/5	02

Series switches for hotel-status display 1104 .. → Page 112.  
Text fehlt → Page 193.  
Inscription sheets 2870 .. → Page 209.

**Comfort top unit**

cream white glossy	<b>0671 111</b>	1	02
pure white glossy	<b>0671 112</b>	1	02

Functional description of standard top unit for high installation areas → Page 227.  
Functional description of comfort top unit for high installation areas → Page 227.

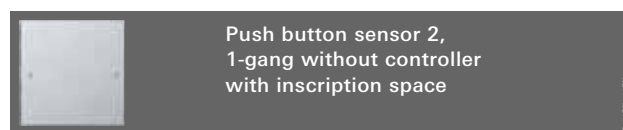


cream white glossy	<b>1306 111</b>	1	02
pure white glossy	<b>1306 112</b>	1	02

For use in the Gira radio bus system.  
Functional description → Page 391.

Order no.	Packing unit	PS
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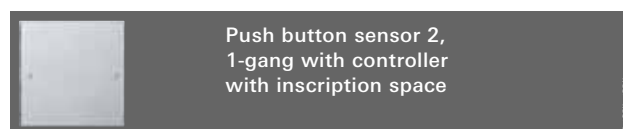
### Push button sensors/cover plates for bus systems



Push button sensor 2,  
1-gang without controller  
with inscription space

cream white glossy	2011 111	1/5	06
pure white glossy	2011 112	1/5	06

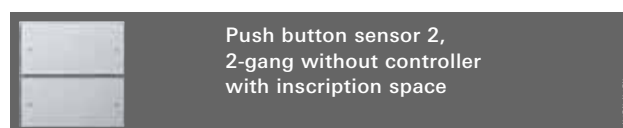
For use in the Gira Instabus system.  
Functional description → Page 312.



Push button sensor 2,  
1-gang with controller  
with inscription space

cream white glossy	2061 111	1/5	06
pure white glossy	2061 112	1/5	06

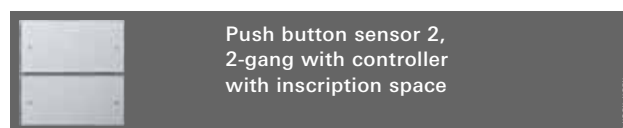
For use in the Gira Instabus system.  
Functional description → Page 313.



Push button sensor 2,  
2-gang without controller  
with inscription space

cream white glossy	2012 111	1/5	06
pure white glossy	2012 112	1/5	06

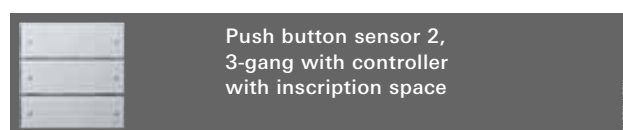
For use in the Gira Instabus system.  
Functional description → Page 314.



Push button sensor 2,  
2-gang with controller  
with inscription space

cream white glossy	2062 111	1/5	06
pure white glossy	2062 112	1/5	06

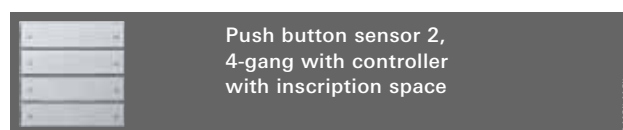
For use in the Gira Instabus system.  
Functional description → Page 315.



Push button sensor 2,  
3-gang with controller  
with inscription space

cream white glossy	2063 111	1/5	06
pure white glossy	2063 112	1/5	06

For use in the Gira Instabus system.  
Functional description → Page 316.

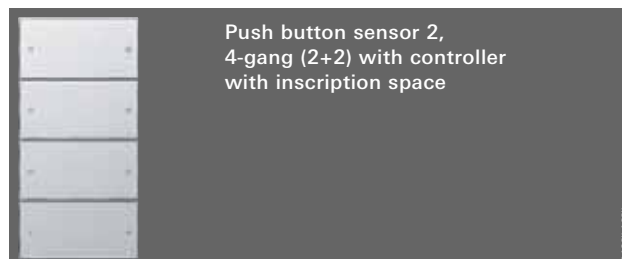


Push button sensor 2,  
4-gang with controller  
with inscription space

cream white glossy	2044 111	1	06
pure white glossy	2044 112	1	06

For use in the Gira Instabus system.  
Functional description → Page 318.

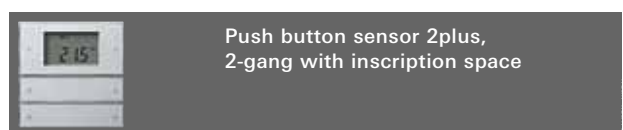
Order no.	Packing unit	PS
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Push button sensor 2,  
4-gang (2+2) with controller  
with inscription space

cream white glossy	2064 111	1	06
pure white glossy	2064 112	1	06

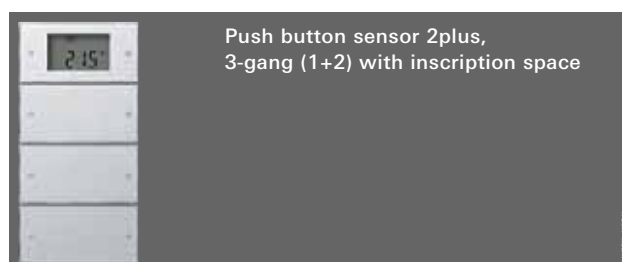
For use in the Gira Instabus system.  
Functional description → Page 318.



Push button sensor 2plus,  
2-gang with inscription space

cream white glossy	2052 111	1/5	06
pure white glossy	2052 112	1/5	06

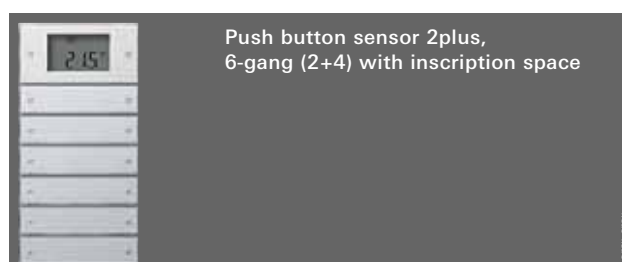
For use in the Gira Instabus system.  
Functional description → Page 321.



Push button sensor 2plus,  
3-gang (1+2) with inscription space

cream white glossy	2053 111	1	06
pure white glossy	2053 112	1	06

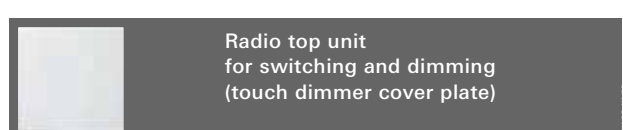
For use in the Gira Instabus system.  
Functional description → Page 322.



Push button sensor 2plus,  
6-gang (2+4) with inscription space

cream white glossy	2056 111	1	06
pure white glossy	2056 112	1	06


For use in the Gira Instabus system.  
Functional description → Page 323.




Radio top unit  
for switching and dimming  
(touch dimmer cover plate)

cream white glossy	0543 111	1/5	02
pure white glossy	0543 112	1/5	02


For use in the Gira radio bus system.  
Functional description → Page 397.

	Order no.	Packing unit	PS	
	<b>Radio blind control button with sensor evaluation</b>			
	cream white glossy	0545 111	1	02
	pure white glossy	0545 112	1	02


For use in the Gira radio bus system.  
Functional description → Page 398.

	Order no.	Packing unit	PS	
	<b>Radio wall transmitter, flat design, 1-gang</b>			
	cream white glossy	2251 111	1	02
	pure white glossy	2251 112	1	02


Functional description of radio bus system → Page 387.

	Order no.	Packing unit	PS	
	<b>Radio wall transmitter, flat design, 2-gang</b>			
	cream white glossy	2252 111	1	02
	pure white glossy	2252 112	1	02


Functional description of radio bus system → Page 387.

	Order no.	Packing unit	PS	
	<b>Radio wall transmitter, flat design, 4-gang</b>			
	cream white glossy	2254 111	1	02
	pure white glossy	2254 112	1	02


Functional description of radio bus system → Page 388.

	Order no.	Packing unit	PS	
	<b>Instabus KNX/EIB data interface with inscription space and removal protection</b>			
	cream white glossy	0558 111	1	06
	pure white glossy	0558 112	1	06
<b>FT 1.2</b>				
	cream white glossy	0504 111	1	06
	pure white glossy	0504 112	1	06


For use in the Gira Instabus system.  
Functional description → Page 327.

	Order no.	Packing unit	PS	
	<b>Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface</b>			
	cream white glossy	0276 111	5	01
	pure white glossy	0276 112	5	01
<b>with inscription space</b>				
	cream white glossy	0876 111	1	01
	pure white glossy	0876 112	1	01


USB data interface UP 1070 00 → Page 351.  
Inscription sheets 2876 .. → Page 209.

	Order no.	Packing unit	PS	
	<b>Instabus KNX/EIB Continuous regulator with 4-gang button interface including bus coupler</b>			
	cream white glossy	2100 111	1	06
	pure white glossy	2100 112	1	06
	Remote sensor	1493 00	1	02

For use in the Gira Instabus system.  
Functional description → Page 329.

	Order no.	Packing unit	PS	
	<b>Instabus KNX/EIB Object regulator with 4-gang button interface including bus coupler</b>			
	cream white glossy	2101 111	1	06
	pure white glossy	2101 112	1	06
	Remote sensor	1493 00	1	02

For use in the Gira Instabus system.  
Functional description → Page 330.

	Order no.	Packing unit	PS	
	<b>Instabus KNX/EIB automatic control switch</b>			
	cream white glossy	0880 111	1/5	06
	pure white glossy	0880 112	1/5	06


	Order no.	Packing unit	PS	
<b>Standard top unit</b>				
	cream white glossy	0880 111	1/5	06
	pure white glossy	0880 112	1/5	06

	Order no.	Packing unit	PS	
<b>Comfort top unit</b>				
	cream white glossy	1304 111	1/5	06
	pure white glossy	1304 112	1/5	06


	Order no.	Packing unit	PS	
<b>Standard top unit for high installation areas</b>				
	cream white glossy	0889 111	1/5	06
	pure white glossy	0889 112	1/5	06

	Order no.	Packing unit	PS	
<b>Comfort top unit for high installation areas</b>				
	cream white glossy	1305 111	1/5	06
	pure white glossy	1305 112	1/5	02

For use in the Gira Instabus system.  
Functional description of standard top unit → Page 331.  
Functional description of comfort top unit → Page 332.  
Functional description of standard top unit for high installation areas → Page 331.  
Functional description of comfort top unit for high installation areas → Page 333.

	Order no.	Packing unit	PS	
	<b>Instabus KNX/EIB info display 2 with disassembly safeguard</b>			
	cream white glossy	0510 111	1/5	06
	pure white glossy	0510 112	1/5	06

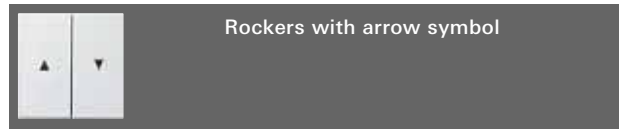
For use in the Gira Instabus system.  
Functional description → Page 335.

	Order no.	Packing unit	PS	
	<b>Instabus KNX/EIB IR transformer including bus coupler 2</b>			
	cream white glossy	0588 111	1	06
	pure white glossy	0588 112	1	06

For use in the Gira Instabus system.  
Functional description → Page 335.

Order no.	Packing unit	PS
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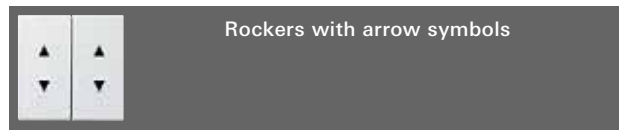
**Blind controller**



Rockers with arrow symbol

cream white glossy	0294 111	5	01
pure white glossy	0294 112	5	01

Blind button/switch inserts 0158 00, 0159 00 → Page 193.  
Sealing flange IP 44 2790 111 → Page 128.



Rockers with arrow symbols

cream white glossy	1150 111	1	01
pure white glossy	1150 112	1	01

Push rocker insert, 4-gang 0147 00 → Page 192.  
Sealing flange IP 44 2790 111 → Page 128.

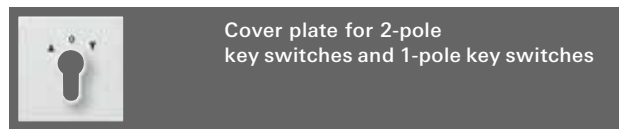


Cover plate with knob for blind switch/button and timer

cream white glossy	0666 111	1	01
pure white glossy	0666 112	1	01

This cover plate can be used universally via replacement of the accompanying symbol plates for blind (▲, ▼) and time (15 min, 120 min).

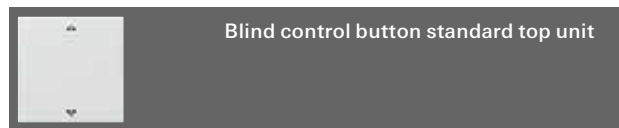
Blind button/switch inserts 0154 00, 0157 00 → Page 193.  
Timer inserts 0320 00, 0321 00 → Page 193.



Cover plate for 2-pole key switches and 1-pole key switches

cream white glossy	0664 111	1	02
pure white glossy	0664 112	1	02

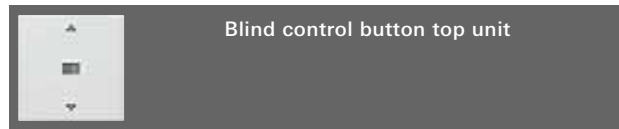
Key switch inserts 0144 00, 0163 00 → Page 193.  
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207.  
Sealing flange IP 44 2790 111 → Page 128.



Blind control button standard top unit

cream white glossy	0634 111	1	02
pure white glossy	0634 112	1	02

Functional description → Page 216.

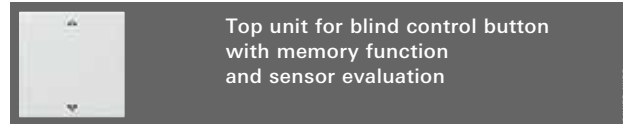


Blind control button top unit

cream white glossy	0644 111	1	02
pure white glossy	0644 112	1	02

Functional description → Page 217.

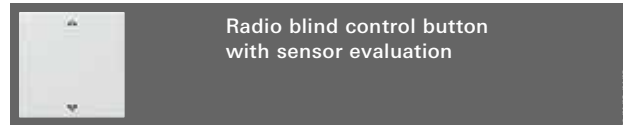
Order no.	Packing unit	PS
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Top unit for blind control button with memory function and sensor evaluation

cream white glossy	0822 111	1	02
pure white glossy	0822 112	1	02

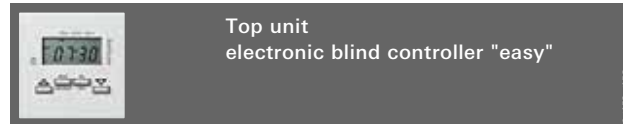
Functional description → Page 218.



Radio blind control button with sensor evaluation

cream white glossy	0545 111	1	02
pure white glossy	0545 112	1	02

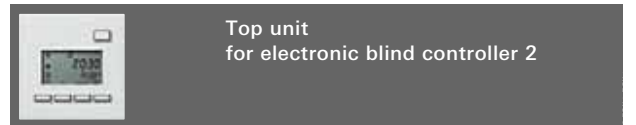
For use in the Gira radio bus system.  
Functional description → Page 398.



Top unit electronic blind controller "easy"

cream white glossy	0841 111	1/5	02
pure white glossy	0841 112	1/5	02

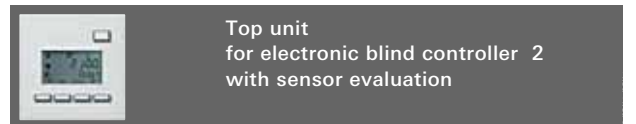
Functional description → Page 219.



Top unit for electronic blind controller 2

cream white glossy	1308 111	1	02
pure white glossy	1308 112	1	02

Functional description → Page 219.



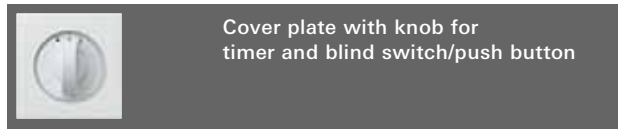
Top unit for electronic blind controller 2 with sensor evaluation

cream white glossy	1309 111	1	02
pure white glossy	1309 112	1	02

Functional description → Page 220.

Order no.	Packing unit	PS
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**Time switch**

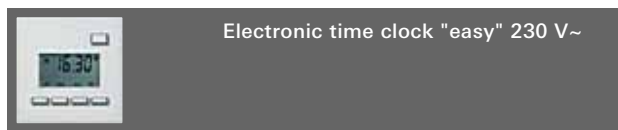


Cover plate with knob for timer and blind switch/push button

cream white glossy	<b>0666 111</b>	1	01
pure white glossy	<b>0666 112</b>	1	01

This cover plate can be used universally via replacement of the accompanying symbol plates for time (15 min, 120 min) and blind (▲, ▼).

**Timer inserts 0320 00, 0321 00 → Page 193.**  
**Blind button/switch inserts 0154 00, 0157 00 → Page 193.**



Electronic time clock "easy" 230 V~

<b>0 – 1000 W/VA</b>			
cream white glossy	<b>1175 111</b>	1	02
pure white glossy	<b>1175 112</b>	1	02

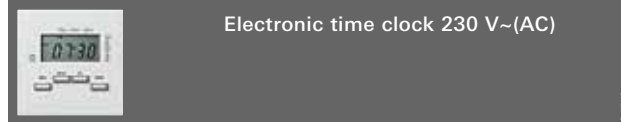
The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



Order no.	Packing unit	PS
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Electronic time clock 230 V~(AC)

<b>0 – 1000 W/VA</b>			
cream white glossy	<b>0385 111</b>	1	02
pure white glossy	<b>0385 112</b>	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).

The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>





Order no.	Packing unit	PS
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Room temperature controller



Room temperature controller 230 V~

**230/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

cream white glossy	<b>0392 111</b>	1/5	02
pure white glossy	<b>0392 112</b>	1/5	02

**230/10 (4) A~ with NC contact<sup>1)</sup>**

cream white glossy	<b>0390 111</b>	1/5	02
pure white glossy	<b>0390 112</b>	1/5	02

**230/5 (2) A~ with 2-way switch<sup>2)</sup>**

cream white glossy	<b>0396 111</b>	1/5	02
pure white glossy	<b>0396 112</b>	1/5	02

For screw attachment only. Flat design.  
 Night-time heating reduction: approx. 4 K.  
<sup>1)</sup>Contact rating: 2200 W.  
<sup>2)</sup>Rated heating current: 10(4) A.  
 Contact rating for heating: 2200 W.  
 Rated cooling current: 5(2) A.  
 Contact rating for cooling: 1100 W.

Thermal valve drive 230 V~ 1122 00 → Page 32.



Room temperature controller 24 V~

**24/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

cream white glossy	<b>0393 111</b>	1	02
pure white glossy	<b>0393 112</b>	1	02

**24/10 (4) A~ with NC contact<sup>1)</sup>**

cream white glossy	<b>0391 111</b>	1	02
pure white glossy	<b>0391 112</b>	1	02

**24/5 (2) A~ with 2-way switch<sup>2)</sup>**

cream white glossy	<b>0397 111</b>	1	02
pure white glossy	<b>0397 112</b>	1	02

For screw attachment only. Flat design.  
 Night-time heating reduction: approx. 4 K.  
<sup>1)</sup>Contact rating: 240 W.  
<sup>2)</sup>Rated heating current: 10(4) A.  
 Contact rating for heating: 240 W.  
 Rated cooling current: 5(2) A.  
 Contact rating for cooling: 120 W.

Thermal valve drive 24 V 1123 00 → Page 33.



Order no.	Packing unit	PS
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Room temperature controller 230 V~ with sensor, for electrical floor heating

**230/10 (4) A~ with NO contact**

cream white glossy	<b>0394 111</b>	1	02
pure white glossy	<b>0394 112</b>	1	02

For screw attachment only.  
 Night-time reduction: approx. 5 K.  
 Contact rating: 2200 W.  
 Flat construction.  
 With remote sensors on 4 m cable (2 x 0.75 mm<sup>2</sup>), can be extended to 50 m with 1.5 mm<sup>2</sup> 2-lead cable.  
 Lay remote sensors in empty pipe in floor.



Room temperature controller 230 V~ with clock

cream white glossy	<b>0389 111</b>	1	02
pure white glossy	<b>0389 112</b>	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. For example, heating units can be controlled directly via the switched output.

- Selectable operating modes „heating“ or „cooling“.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage: 230 V, 50 Hz  
 N conductor required  
 Contact rating: 8 (4) A  
 1 NO contact, with equipotential bonding (relay contact)  
 Temperature range: +10 °C to +40 °C  
 (comfort/night-time reduction)  
 +5 °C to +15 °C  
 (frost protection temperature)  
 Ambient temperature: 0 °C to +50 °C

Remote sensor **1302 00** → Page 121.  
 Thermal valve drive 230 V~ 1122 00 → Page 32.




Remote sensors for room-temperature controller with clock


black	<b>1302 00</b>	1	02
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Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **0389 ...** Sensors in plastic cap with 6 mm Ø diameter and length of 43 mm.

Room temperature controller with clock **0389 ...** → Page 121.

	Order no.	Packing unit	PS
	<b>Radio room temperature sensor with clock</b>		
cream white glossy	<b>1186 111</b>	1	02
pure white glossy	<b>1186 112</b>	1	02

**For use in the Gira radio bus system.**  
**Functional description → Page 391.**


	Order no.	Packing unit	PS
	<b>Electronic hygrostat 230 V~(AC)</b>		
cream white glossy	<b>2265 111</b>	1	02
pure white glossy	<b>2265 112</b>	1	02

The hygrostat detects the humidity and the room temperature via internal sensors and calculates the optimum humidity of the air for the respective measured temperature. For example, if the humidity exceeds the value set on the rotary knob, the hygrostat switches on a fan to dehumidify the room.


A fixed setpoint control that can be activated by the installer (e.g. in public buildings) prevents unauthorised changing of the humidity setpoint: In this case, 60 % relative humidity is permanently set, regardless of the position of the rotary knob on the front of the device.

To prevent continuous operation of the fan with a generally high ambient humidity (e.g. when thunderstorms are possible), the hygrostat monitors the switch-on time. If the humidity does not drop below the set value after 1 hour, ventilation is interrupted for 4 hours. This interruption is indicated by an LED and can be manually influenced with a button.


Rated voltage: 230 V, 50 Hz  
 Contact rating: 8 (4) A  
 1 NO contact, with equipotential bonding (relay contact)  
 Control range: 20 % to 95 % rel. humidity  
 Measuring tolerance: ± 5% rel. humidity  
 Switching differential: ± 2%  
 Protection type: IP 20  
 Operating temperature: 0 °C to +50 °C  
 Cable length to load: max. 100 m

	Order no.	Packing unit	PS
	<b>Thermal valve drive 230 V~</b>		
	<b>1122 00</b>	5	06

**Functional description → Page 32.**

	Order no.	Packing unit	PS
	<b>Thermal valve drive 24 V</b>		
	<b>1123 00</b>	1	06

**Functional description → Page 33.**

	Order no.	Packing unit	PS
	<b>Radio motor valve drive</b>		
	<b>1187 00</b>	1	02
<b>Remote sensor</b>			
white	<b>1188 00</b>	1	02

**For use in the Gira radio bus system.**  
**Functional description → Page 405.**

Order no.	Packing unit	PS
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### Door communication system



Hands-free feature home station, surface-mounted

cream white glossy	1250 111	1	18
pure white glossy	1250 112	1	18

**Additional products in door communication system and functional description → Page 266.**



Hands-free feature home station

cream white glossy	1280 111	1	18
pure white glossy	1280 112	1	18

**Additional products in door communication system and functional description → Page 267.**



Call button, 1-gang for home station

cream white glossy	1283 111	1	18
pure white glossy	1283 112	1	18

**Additional products in door communication system and functional description → Page 268.**



Call button, 3-gang for home station

cream white glossy	1285 111	1	18
pure white glossy	1285 112	1	18

**Additional products in door communication system and functional description → Page 269.**



TFT colour display

cream white glossy	1286 111	1	10
pure white glossy	1286 112	1	10

**Additional products in door communication system and functional description → Page 269.**

Order no.	Packing unit	PS
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### Keyless In

As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

<b>System 55</b>			
cream white glossy	2605 01	1	10
pure white glossy	2605 03	1	10

<b>Intermediate plate 55 x 55 mm</b>			
cream white glossy	0289 111	1	01
pure white glossy	0289 112	1	01

**For use as a separate device or in the Gira door communication system. Functional description → Page 280.**



Keyless In Fingerprint reader

<b>System 55</b>			
cream white glossy	2607 01	1	10
pure white glossy	2607 03	1	10

<b>Intermediate plate 55 x 55 mm</b>			
cream white glossy	0289 111	1	01
pure white glossy	0289 112	1	01

**For use as a separate device or in the Gira door communication system. Functional description → Page 281.**



Keyless In Transponder reader

<b>System 55</b>			
cream white glossy	2606 01	1	10
pure white glossy	2606 03	1	10

<b>Programming card</b>			
yellow/grey	2608 00	1	10

<b>Transponder key active</b>			
black	2609 00	1	10

<b>Transponder card passive</b>			
black/silver	2611 00	1	18

<b>Intermediate plate 55 x 55 mm</b>			
cream white glossy	0289 111	1	01
pure white glossy	0289 112	1	01

**For use as a separate device or in the Gira door communication system. Functional description → Page 282.**

Order no.	Packing unit	PS
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**Communication Technology**

Data cap with support ring and inscription space for data and communication connection-technology inserts			
cream white glossy	<b>0870 111</b>	1	01
pure white glossy	<b>0870 112</b>	1	01

For screw attachment only.  
 For vertical and 30° tilted socket outlet.  
**Inserts for data caps** → Page 288.  
**Inscription sheets 2876 ..** → Page 209.



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)			
cream white glossy	<b>0282 111</b>	10	01
pure white glossy	<b>0282 112</b>	10/200	01

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.  
**Required for central plate (50 x 50 mm) for coaxial antenna socket, 4-gang 0258 .., 0259 ..** → Page 125.

**Telecommunication**

Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface			
cream white glossy	<b>0276 111</b>	5	01
pure white glossy	<b>0276 112</b>	5	01
with inscription space			
cream white glossy	<b>0876 111</b>	1	01
pure white glossy	<b>0876 112</b>	1	01

Suitable for all common TAE connection boxes.  
**TAE connection boxes 1100 10, 0032 10, 0033 10** → Page 290.  
**Inscription sheets 2876 ..** → Page 209.

Cover plate for TDO connection box			
<b>(for Austria only)</b>			
cream white glossy	<b>0260 111</b>	1	01
pure white glossy	<b>0260 112</b>	1	01

Suitable for all common TDO connection boxes.  
**Inscription sheets 1455 00** → Page 208.

Order no.	Packing unit	PS
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Cover plate for UAE/IAE (ISDN) and network connection box			
cream white glossy	<b>0270 111</b>	5	01
pure white glossy	<b>0270 112</b>	5	01

with inscription space			
cream white glossy	<b>0284 111</b>	1	01
pure white glossy	<b>0284 112</b>	1	01

Cover plate can be broken out.  
 Suitable for UAE/IAE (ISDN) connection boxes.  
**UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00** → Page 290.  
**Network connection boxes 0166 00** → Page 291.  
**Network connection boxes 0178 00, 0180 00, 0802 00, 0805 00** → Page 291.  
**Inscription sheets 2876 ..** → Page 209.

Cover plate for cable branch and telecommunications connector socket			
cream white glossy	<b>0274 111</b>	1	01
pure white glossy	<b>0274 112</b>	5	01

Fits all common telecommunications connector sockets.  
**Cable branch insert 0400 00** → Page 290.

Cover plate for KPN connection box 4-pole			
cream white glossy	<b>0279 111</b>	5	01
pure white glossy	<b>0279 112</b>	5	01

Cover plate for Belgacom connection box			
cream white glossy	<b>0280 111</b>	1	01
pure white glossy	<b>0280 112</b>	1	01

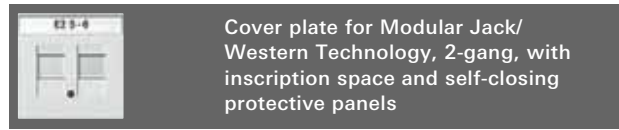
Inserts available from wholesalers.

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Data systems technology**

**TV / Multimedia**



Cover plate for Modular Jack/Western Technology, 2-gang, with inscription space and self-closing protective panels

cream white glossy	<b>0663 111</b>	5	01
pure white glossy	<b>0663 112</b>	5	01

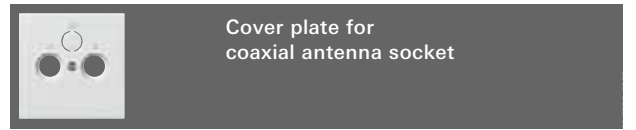
Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.

**Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1198 00, 1121 00 → Page 292.**

**Pin jack for Modular Jack 0043 00 → Page 292.**

**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**

**Inscription sheets 2876 .. → Page 209.**

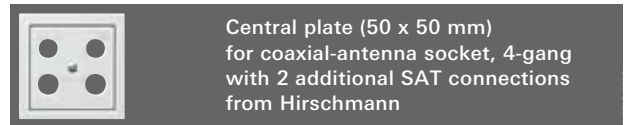


Cover plate for coaxial antenna socket

cream white glossy	<b>0869 111</b>	5	01
pure white glossy	<b>0869 112</b>	5	01

Third hole can be broken out.

**Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 294.**



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections from Hirschmann

cream white glossy	<b>0258 111</b>	5	01
pure white glossy	<b>0258 112</b>	5	01

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.

**Intermediate plate 0282 .. → Page 124.**



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections for Ankaro, ECG-Elektro, Astro

cream white glossy	<b>0259 111</b>	5	01
pure white glossy	<b>0259 112</b>	5	01

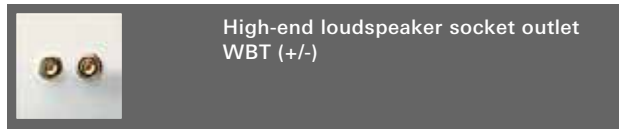
Fits antenna socket, 4-gang Sat 400/EAS/DC from Ankaro, SEV 2 from ECG-Elektro and GUT 400 from Astro.

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.

**Intermediate plate 0282 .. → Page 124.**

Order no.	Packing unit	PS
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**Acoustics**

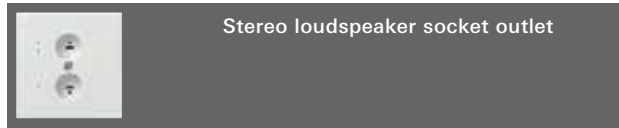


High-end loudspeaker socket outlet WBT (+/-)

cream white glossy	<b>0407 111</b>	1/5	01
pure white glossy	<b>0407 112</b>	1/5	01

For the professional connection of loudspeaker cables up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.

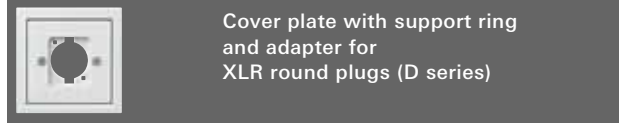
Material: OFC copper, 24-carat gold plated  
 Contact resistance: ≤ 0.1 mΩ with terminal attachment  
 ≤ 0.15 mΩ with attachment via standard banana plug



Stereo loudspeaker socket outlet

cream white glossy	<b>0402 111</b>	1/5	01
pure white glossy	<b>0402 112</b>	1/5	01

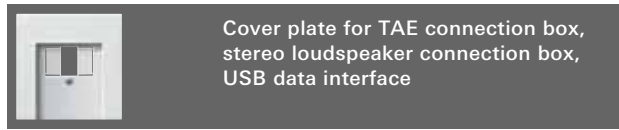
With screw terminals.  
 Connectable line diameter max. 1.5 mm<sup>2</sup>.  
 For line diameter up to 10 mm<sup>2</sup>, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ..** or cover plate for loudspeaker plug (WBT) **0407 ...**



Cover plate with support ring and adapter for XLR round plugs (D series)

cream white glossy	<b>0265 111</b>	1	01
pure white glossy	<b>0265 112</b>	1	01

Adapter for level and slanted attachment.  
 Screw attachment.  
**XLR plugs 0036 00, 0037 00 → Page 294.**



Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface

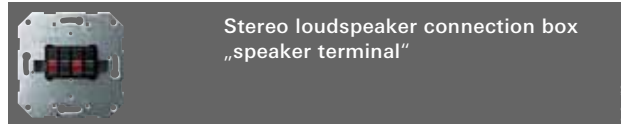
cream white glossy	<b>0276 111</b>	5	01
pure white glossy	<b>0276 112</b>	5	01

**with inscription space**

cream white glossy	<b>0876 111</b>	1	01
pure white glossy	<b>0876 112</b>	1	01

**Stereo loudspeaker connection box 1109 10 → Page 126.**  
**Inscription sheets 2876 .. → Page 209.**

Order no.	Packing unit	PS
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Stereo loudspeaker connection box „speaker terminal“

<b>1109 10</b>	1/5	03
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For connection of loudspeaker cables up to a maximum of 6 mm<sup>2</sup>.  
 Connection on front:

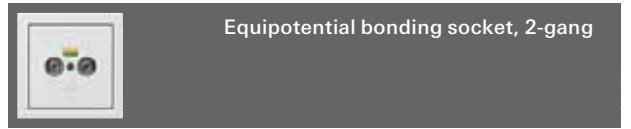
- Quick mounting with screwless connection terminals
- Poling with coloured markings

Wall connection:

- Connection with screw terminals
- Flexible and rigid conductors possible
- Large clamping chamber for securing wires
- Pole marking on wall side

**Suitable for cover plate 0276 .., 0876 .. → Page 126.**

**Equipotential bonding socket**

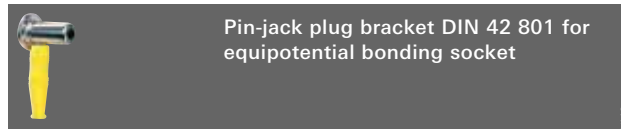


Equipotential bonding socket, 2-gang

cream white glossy	<b>0405 111</b>	1/5	01
pure white glossy	<b>0405 112</b>	1/5	01

For the connection of medical devices. DIN 42 801.  
 Connectable line diameter: 6 to 10 mm<sup>2</sup>.

**Pin-jack plug bracket 044757 → Page 126.**



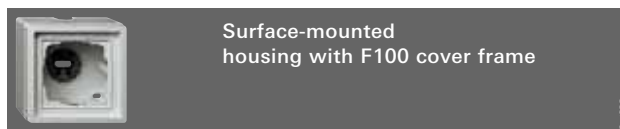
Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm <sup>2</sup>	<b>044757</b>	5/25	01
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With yellow insulating bush.  
**Equipotential bonding socket 0405 ... → Page 126.**

Order no.	Packing unit	PS
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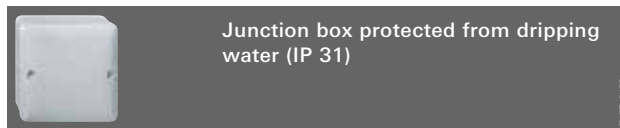
**Surface-mounted**



Surface-mounted housing with F100 cover frame

<b>1-gang</b>			
cream white glossy	0061 111	1	13
pure white glossy	0061 112	1	13
<b>2-gang</b>			
cream white glossy	0062 111	1	13
pure white glossy	0062 112	1	13
<b>3-gang</b>			
cream white glossy	0063 111	1	13
pure white glossy	0063 112	1	13

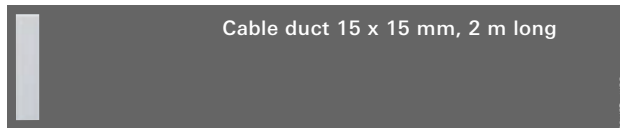
With cable and duct entry. With F100, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)



Junction box protected from dripping water (IP 31)

cream white	0070 01	1	01
pure white	0070 03	1	01

With 3 cable and duct entries.

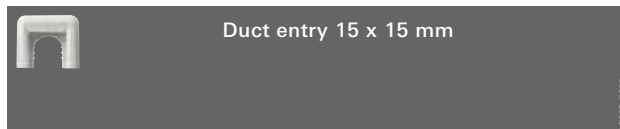


Cable duct 15 x 15 mm, 2 m long

cream white	0071 01	1	01
pure white	0071 03	1	01

Structurally stable up to 60 °C.  
Deformation may occur in strong sunlight.

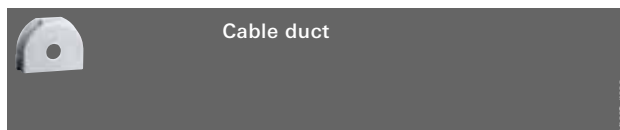
**Price per metre. Sales length 6 x 2 m.**



Duct entry 15 x 15 mm

cream white	0008 01	5	01
pure white	0008 03	5	01

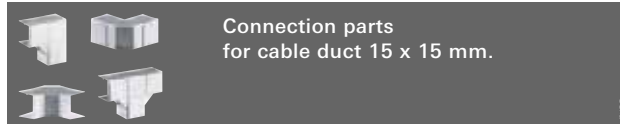
For cable duct 15 x 15 mm.



Cable duct

cream white	0009 01	5	01
pure white	0009 03	5	01

Order no.	Packing unit	PS
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Connection parts for cable duct 15 x 15 mm.

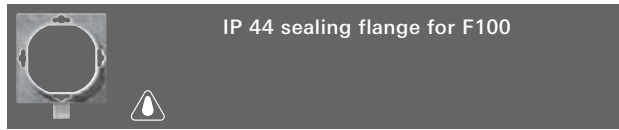
<b>Flat bracket</b>			
cream white	0075 01	5	01
pure white	0075 03	5	01
<b>Inside corner</b>			
cream white	0076 01	5	01
pure white	0076 03	5	01
<b>Outside corner</b>			
cream white	0077 01	5	01
pure white	0077 03	5	01
<b>T-piece</b>			
cream white	0078 01	5	01
pure white	0078 03	5	01

All connection parts can be attached simply.

F100

Order no.	Packing unit	PS
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**Other**



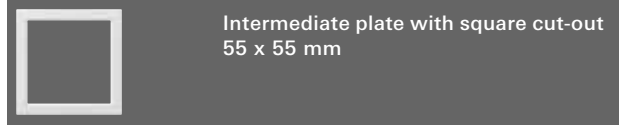
IP 44 sealing flange for F100

2790 111	5	01
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In conjunction with the sealing flange and cover frames F100, 1 to 5-gang, many F100 products can be installed as water-protected, flush-mounted IP 44.

**IP 44-capable products:**

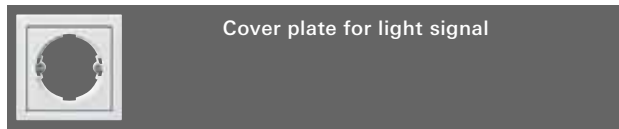
0104 119, 0285 .., 0286 .., 0287 .., 0290 .., 0294 .., 0295 .., 0296 .., 0410 .., 0414 .., 0415 119, 0416 119, 0439 .., 0454 .., 0488 .., 0631 .., 0650 .., 0652 .., 0664 .., 0670 .., 0674 .., 0676 .., 0678 .., 0679 .., 1104 .., 1150 .., 2750 119, 2751 119, 2752 119



Intermediate plate with square cut-out 55 x 55 mm

cream white glossy	0289 111	1	01
pure white glossy	0289 112	1	01

In addition to the programme-specific functions from F100, other functions (fixed cover plates) from System 55 can also be integrated with an intermediate plate.



Cover plate for light signal

cream white glossy	0660 111	1	01
pure white glossy	0660 112	1	01

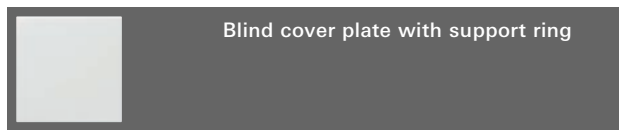
Light signal insert (E 10) 0160 00 → Page 206.  
 Light signal insert 0161 00 → Page 206.  
 Flat covering caps, can be inserted, 0801 20, 0803 20, 0804 20, 0806 20, 0807 20 → Page 206.



Cover plate with bayonet lock for light signal

cream white glossy	0659 111	1	01
pure white glossy	0659 112	1	01

Light signal insert 0161 00 → Page 206.  
 Covering caps with bayonet lock 0801 01, 0803 01, 0804 01, 0806 01 → Page 206.



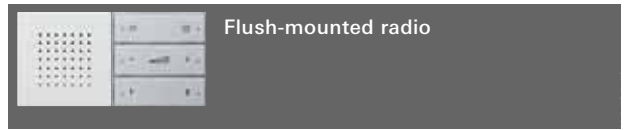
Blind cover plate with support ring

cream white glossy	0268 111	5	01
pure white glossy	0268 112	5	01

For screw attachment.

Order no.	Packing unit	PS
-----------	--------------	----

**Flush-mounted radio**



Flush-mounted radio

cream white glossy	0315 111	1	03
pure white glossy	0315 112	1	03

FM radio for flush-mounted installation, consisting of two flush-mounted inserts, an operating top unit and a loudspeaker top unit. The flush-mounted radio is installed in two flush-mounted device boxes (we recommend deep boxes) or, for hollow-wall installation, in a 2-gang device box. Only for screw attachment.

The operating element controls the following functions:

- On/Off.
- Station search.
- Loud/quiet.
- Station memory 1/2.

The device has two auxiliary inputs:

- For example, the radio can be switched on with the 230 V auxiliary input with a light switch or automatic control switch.
- The flush-mounted radio can be switched on/off using any zero-voltage NO contact via the zero-voltage auxiliary input. If a time clock is connected to the auxiliary input, the flush-mounted radio can also be used as a radio alarm clock.

Status LED for On/Off, Station search, Memory 1, Memory 2.

In the sleep mode, the device automatically switches off 30 minutes after being switched on.

Note: Reception interference can result in combination with additional electronic devices under a common cover plate.

Power supply: AC 230 V  
 Connection: Screw terminals for max. 2.5 mm<sup>2</sup> or 2 x 1.5 mm<sup>2</sup>

Temperature range: 0 °C to +50 °C

Protection type: IP 20

Frequency range: 87.50 to 108.00 MHz





Order no.	Packing unit	PS
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**Cover frames for combinations  
vertical and horizontal, shatter-proof**



<b>1-gang</b> cream white glossy	<b>0211 111</b>	10/100	01
-------------------------------------	-----------------	--------	----

<b>2-gang</b> cream white glossy	<b>0212 111</b>	10/100	01
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<b>3-gang</b> cream white glossy	<b>0213 111</b>	1/5	01
-------------------------------------	-----------------	-----	----

<b>4-gang</b> cream white glossy	<b>0214 111</b>	1/5	01
-------------------------------------	-----------------	-----	----

<b>5-gang</b> cream white glossy	<b>0215 111</b>	1/5	01
-------------------------------------	-----------------	-----	----

In conjunction with sealing flange, also suitable for installation as water-protected flush-mounted IP 44.

**Shatter-proof.**

**Sealing flange IP 44 2790 111 → Page 128.**



<b>1-gang</b> pure white glossy	<b>0211 112</b>	10/100	01
------------------------------------	-----------------	--------	----

<b>2-gang</b> pure white glossy	<b>0212 112</b>	10/100	01
------------------------------------	-----------------	--------	----

<b>3-gang</b> pure white glossy	<b>0213 112</b>	1/5	01
------------------------------------	-----------------	-----	----

<b>4-gang</b> pure white glossy	<b>0214 112</b>	1/5	01
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<b>5-gang</b> pure white glossy	<b>0215 112</b>	1/5	01
------------------------------------	-----------------	-----	----

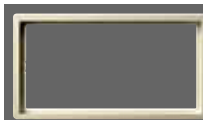
In conjunction with sealing flange, also suitable for installation as water-protected flush-mounted IP 44.

**Shatter-proof.**

**Sealing flange IP 44 2790 111 → Page 128.**

Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations  
vertical and horizontal, without crossbar, shatter-proof**



<b>2-gang</b> cream white glossy	<b>1002 111</b>	10	01
-------------------------------------	-----------------	----	----

**Shatter-proof.**

**Surface-mounted hands-free feature home station  
1250 .. → Page 266.**



<b>2-gang</b> pure white glossy	<b>1002 112</b>	10	01
------------------------------------	-----------------	----	----

**Shatter-proof.**

**Surface-mounted hands-free feature home station  
1250 .. → Page 266.**

The geometric basic shapes of a square and a circle characterise the Gira S-Color switch range, which has already received many awards for its simple, timeless design.

With five colours and over a hundred functions, the product line is optimal for all requirements of modern architecture.

**Cover frames**  
suitable for vertical and horizontal installation

**Dimensions (H x W, mm)**  
1-gang: 80.6 x 80.6  
2-gang: 151.8 x 80.6  
3-gang: 222.9 x 80.6  
4-gang: 294.3 x 80.6  
5-gang: 365.4 x 80.6  
corner radius: R = 5.6

**Material**  
PA 66, completely dyed-through, and therefore light and weather-resistant, prevents electrostatic charging of the surface. Heat-resistant and impervious, e.g. to oil, grease, weak caustic solutions, paint thinners and disinfectants. Shock-resistant and shatter-proof, impervious to thrown balls, halogen-free.

**Colours**  
black (similar to RAL 9005),  
grey (similar to RAL 7038),  
pure white  
(similar to RAL 9010),  
red (similar to RAL 3003),  
blue

**Surface**  
high-gloss

**Surface-mounted installation**  
1 – 3-gang in all colours; including 15 x 15 mm ducts and fittings in all colours

**Protection type**  
IP 20  
IP 21 (when cover frame with seal is used)

**Design**  
Prof. Odo Klose, Wuppertal

**Design awards**  
Design quality 1985,  
Haus Industrieform Essen

red dot award 1985,  
Design Zentrum NRW

International Design Award 1988,  
Design Center Stuttgart

iF Product Design Award 1985, 1987, 1988,  
Design Center Stuttgart



6



7



8

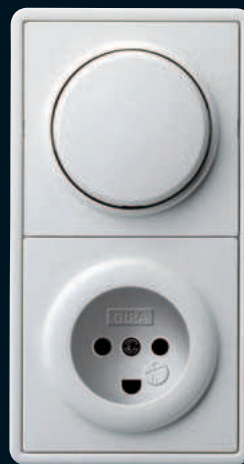
Push switches	132
Switches and push buttons	133
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Automatic light	138
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Surface-mounted Duct installation	150
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Flush-mounted inserts and accessories	186

- 1 Black
- 2 Grey
- 3 Pure white
- 4 Red
- 5 Blue



Gira S-Color,  
pure white

- 6 2-gang push button sensor
- 7 Room temperature controller 230 V with clock
- 8 Radio automatic control switch
- 9 2-gang combination, push switch/danish socket outlet with protective contact



9

Order no.	Packing unit	PS
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**Push switches**



Push switch 10 A 250 V~ with cover plate and rocker

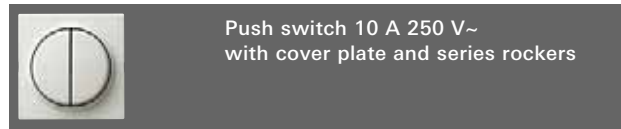
**Universal off/2-way switch<sup>1)</sup>**

pure white	0126 40	1/5	01
grey	0126 42	1/5	11
red	0126 43	1/5	11
blue	0126 46	1/5	11
black	0126 47	1/5	11

**Intermediate switch**

pure white	0127 40	1/5	01
grey	0127 42	1/5	11
red	0127 43	1/5	11
blue	0127 46	1/5	11
black	0127 47	1/5	11

<sup>1)</sup>If this switch is to be illuminated in accordance with the workplace ordinance, please incorporate a control switch.  
**Acoustic element with illumination 0935 00 → Page 205.**



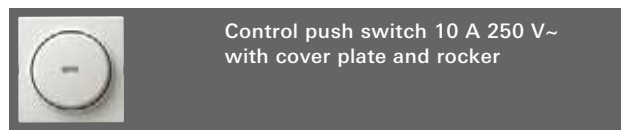
Push switch 10 A 250 V~ with cover plate and series rockers

**Series switch**

pure white	0125 40	1/5	01
grey	0125 42	1/5	11
red	0125 43	1/5	11
blue	0125 46	1/5	11
black	0125 47	1/5	11

**Double 2-way switch**

pure white	0128 40	1/5	01
grey	0128 42	1/5	11
red	0128 43	1/5	11
blue	0128 46	1/5	11
black	0128 47	1/5	11



Control push switch 10 A 250 V~ with cover plate and rocker

**Universal off/2-way switch**

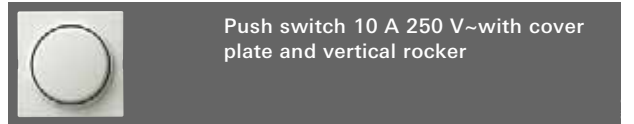
pure white	0136 40	1/5	01
grey	0136 42	1/5	11
red	0136 43	1/5	11
blue	0136 46	1/5	11
black	0136 47	1/5	11

**Circuit breaker 2-pole**

pure white	0122 40	1/5	01
grey	0122 42	1/5	11
red	0122 43	1/5	11
blue	0122 46	1/5	11
black	0122 47	1/5	11

With neon lamp element. For compliance with the workplace ordinance, can also be connected with illumination.  
**Replacement neon lamp element 0997 00 → Page 204.**

Order no.	Packing unit	PS
-----------	--------------	----

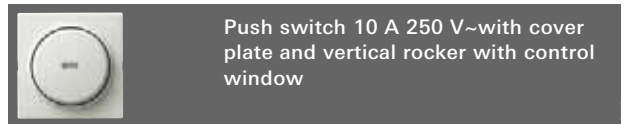


Push switch 10 A 250 V~with cover plate and vertical rocker

**2-way switch, 1-pole**

pure white	0130 40	1/5	01
grey	0130 42	1/5	11
red	0130 43	1/5	11
blue	0130 46	1/5	11
black	0130 47	1/5	11

Fits the push switches via vertical rocker positioning.  
**Acoustic element with illumination 0935 00 → Page 205.**



Push switch 10 A 250 V~with cover plate and vertical rocker with control window

**2-way switch, 1-pole**

pure white	0120 40	1/5	01
grey	0120 42	1/5	11
red	0120 43	1/5	11
blue	0120 46	1/5	11
black	0120 47	1/5	11

Fits the push switches via vertical rocker positioning.  
 Can also be connected with illumination in compliance with the workplace ordinance.  
**Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.**  
**Acoustic element with illumination 0935 00 → Page 205.**

Order no.	Packing unit	PS
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**Cover plates for switches and push buttons**

The following cover plates and rockers are supplied without inserts. Please order separately from → Page 191.



Cover plate and rocker for rocker switches and push rockers

pure white	0296 40	5	01
grey	0296 42	5	11
red	0296 43	5	11
blue	0296 46	5	11
black	0296 47	5	11

**with screw-down cover plate**

pure white	0261 40	1	01
grey	0261 42	1	11
red	0261 43	1	11
blue	0261 46	1	11
black	0261 47	1	11

Inserts 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.



Cover plate with inscription space and rocker for rocker switches and push rockers

pure white	0299 40	5	01
grey	0299 42	1	11
red	0299 43	1	11
blue	0299 46	1	11
black	0299 47	1	11

Neutral inscription label is included.

Inserts 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.

Inscription sheets 1453 00 → Page 208.



Cover plate and series rockers for rocker switches and push rockers

pure white	0295 40	5	01
grey	0295 42	5	11
red	0295 43	1	11
blue	0295 46	1	11
black	0295 47	1	11

Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00

Bus coupler push button 0182 00, 0185 00 → Page 310.

Order no.	Packing unit	PS
-----------	--------------	----



Cover plate and rockers with arrow symbol

pure white	0294 40	5	01
grey	0294 42	5	11
red	0294 43	1	11
blue	0294 46	1	11
black	0294 47	1	11

Blind button/switch inserts 0158 00, 0159 00 → Page 193.

Bus-coupler button 0182 00 → Page 310.



Cover plate and rocker with control window for rocker switches and push rockers

pure white	0290 40	5	01
grey	0290 42	5	11
red	0290 43	1	11
blue	0290 46	1	11
black	0290 47	1	11

Inserts 0106 00, 0107 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.



Cover plate with inscription space and rocker with control window for rocker switches and push rockers

pure white	0670 40	5	01
grey	0670 42	1	11
red	0670 43	1	11
blue	0670 46	1	11
black	0670 47	1	11

Neutral inscription label is included. Inscription labels labelled „Heizung-Notschalter“ and with the symbols „light“, „bell“ and „door“ are included.

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Bus-coupler push button 0181 00, 0184 00 → Page 310.

Inscription sheets 1453 00 → Page 208.

Order no.	Packing unit	PS
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Light	Order no.	Packing unit	PS
pure white	0285 40	5	01
grey	0285 42	1	11
red	0285 43	1	11
blue	0285 46	1	11
black	0285 47	1	11

Bell	Order no.	Packing unit	PS
pure white	0286 40	5	01
grey	0286 42	1	11
red	0286 43	1	11
blue	0286 46	1	11
black	0286 47	1	11

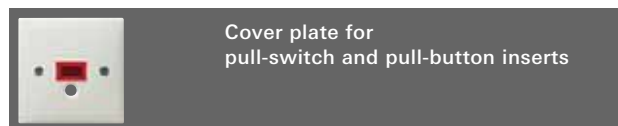
Door	Order no.	Packing unit	PS
pure white	0287 40	1	01
grey	0287 42	1	11
red	0287 43	1	11
blue	0287 46	1	11
black	0287 47	1	11

Inserts 0102 00, 0103 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.  
 Bus-coupler push button 0181 00, 0184 00 → Page 310.



with zero setting	Order no.	Packing unit	PS
pure white	0669 40	1	02
grey	0669 42	1	02
red	0669 43	1	02
blue	0669 46	1	02
black	0669 47	1	02

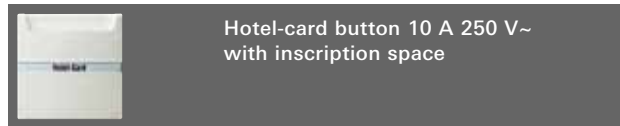
Three-stage switch insert 0149 00 → Page 192.



pure white	0638 40	1	01
grey	0638 42	1	11
red	0638 43	1	11
blue	0638 46	1	11
black	0638 47	1	11

Pull-switch/pull-button inserts 0142 00, 0146 00, 0165 00 → Page 192.

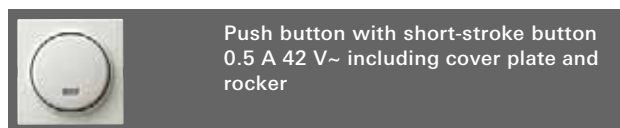
Order no.	Packing unit	PS
-----------	--------------	----



2-way switch, 1-pole	Order no.	Packing unit	PS
pure white	0140 40	1/5	01
grey	0140 42	1/5	11
red	0140 43	1/5	11
blue	0140 46	1/5	11
black	0140 47	1/5	11

The hotel-card button with disassembly safeguard can, for example, take over safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The electric circuit is only activated via the push button after insertion of the card.

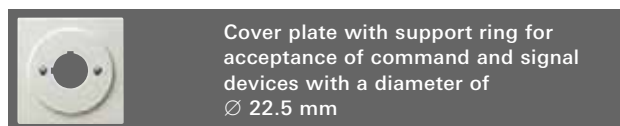
Additional designs on request.  
 Inscription sheets 1454 00 → Page 208.



NO contact, 1-pole	Order no.	Packing unit	PS
pure white	0153 40	1/5	01
grey	0153 42	1/5	01
red	0153 43	1/5	01
blue	0153 46	1/5	01
black	0153 47	1/5	01

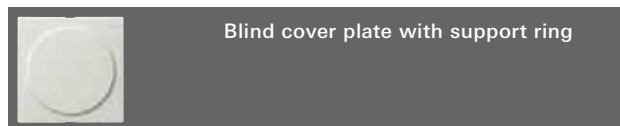
With screw terminals. For clamp and peg attachment. Can be illuminated using light bulb element with separate conductor.

Light bulb element 12 V~ 049814 → Page 205.  
 Surface-mounted housing, flat design 0219 .. → Page 150.



pure white	0272 40	1	01
grey	0272 42	1	11
red	0272 43	1	11
blue	0272 46	1	11
black	0272 47	1	11

For screw attachment. For push buttons, slam buttons, key buttons, non-latching buttons, illuminated buttons, mushroom buttons, selector switches and signal lights, e.g. from Lumitas, Rafi, Elan and Fanal.

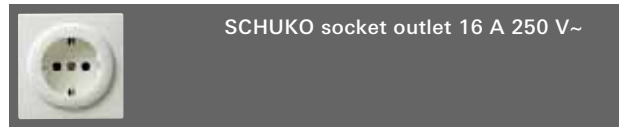


pure white	0268 40	10/100	01
grey	0268 42	5	11
red	0268 43	1	11
blue	0268 46	1	11
black	0268 47	1	11

For screw attachment.

Order no.	Packing unit	PS
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Socket outlets



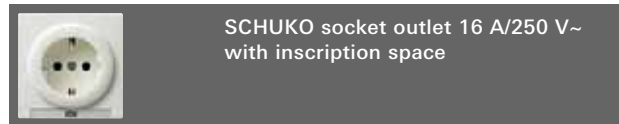
SCHUKO socket outlet 16 A 250 V~

pure white	0188 40	10/200	01
grey	0188 42	1/5	11
red	0188 43	1/5	11
yellow	0188 44	1/5	11
green	0188 45	1/5	11
blue	0188 46	1/5	11
black	0188 47	1/5	11

with child protection and symbol<sup>1)</sup>

pure white	0453 40	1/5	01
grey	0453 42	1/5	11
red	0453 43	1/5	11
blue	0453 46	1/5	11
black	0453 47	1/5	11

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

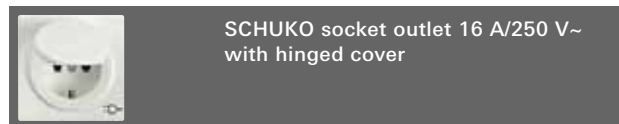


SCHUKO socket outlet 16 A/250 V~ with inscription space

pure white	0187 40	1/5	01
grey	0187 42	1/5	11
red	0187 43	1/5	11
blue	0187 46	1/5	11
black	0187 47	1/5	11

Inscription label „EDV“ is included.

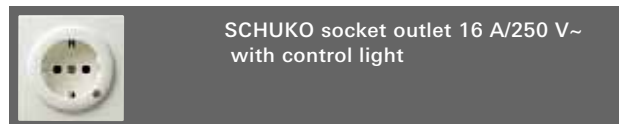
Inscription sheets 1455 00 → Page 208.



SCHUKO socket outlet 16 A/250 V~ with hinged cover

pure white	0454 40	1/5	01
grey	0454 42	1/5	11
red	0454 43	1/5	11
blue	0454 46	1/5	11
black	0454 47	1/5	11

Important! No child protection Observe installation regulations.

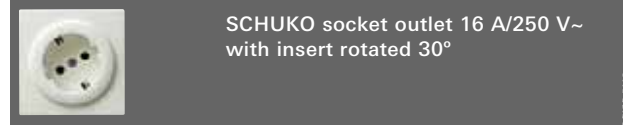


SCHUKO socket outlet 16 A/250 V~ with control light

pure white	0182 40	1/5	01
grey	0182 42	5	11
red	0182 43	1/5	11
blue	0182 46	1/5	11
black	0182 47	1/5	11

With screw terminals.

Order no.	Packing unit	PS
-----------	--------------	----

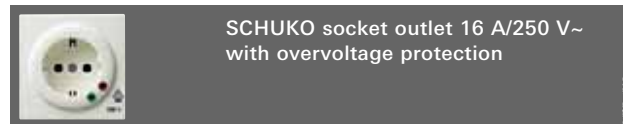


SCHUKO socket outlet 16 A/250 V~ with insert rotated 30°

pure white	0448 40	1/5	01
grey	0448 42	1/5	11
red	0448 43	1/5	11
blue	0448 46	1/5	11
black	0448 47	1/5	11

Particularly suitable for angled plugs.

Also suitable for use in energy profiles and under-floor systems. For screw attachment without fixing claws.



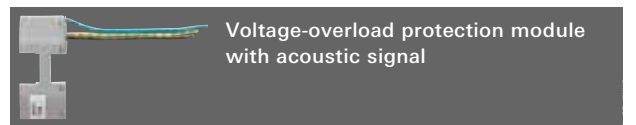
SCHUKO socket outlet 16 A/250 V~ with overvoltage protection

pure white	0451 40	1/5	02
grey	0451 42	1/5	02
red	0451 43	1/5	02
blue	0451 46	1/5	02
black	0451 47	1/5	02

With audible signal.

Screw terminals included.

Maximum nominal discharge surge current: (8/20) to 4.5 kA

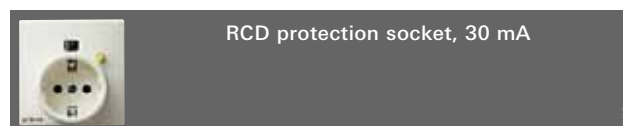


Voltage-overload protection module with acoustic signal

0339 00	1	02
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SCHUKO socket outlets can be outfitted as voltage-overload protection socket outlets with this module. The module is simply glued onto and connected to the socket outlet base. The devices connected to the socket outlet are then protected from dangerous excess voltages.

Maximum nominal discharge surge current: (8/20) to 4.5 kA



RCD protection socket, 30 mA

with child protection and symbol<sup>1)</sup>

pure white	0477 40	1	03
grey	0477 42	1	03
red	0477 43	1	03
blue	0477 46	1	03
black	0477 47	1	03

SCHUKO socket outlet with integrated RCD (residual-current device) release principle pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. For installation in a 60 mm flush-mounted box (deep box recommended). Stationary protection device with voltage-independent function. Additional SCHUKO socket outlets can be connected to the connection wires, which are then also included in the fault current protection.

Rated voltage: 230 V~ (AC)

Rated current: 16 A


Rated fault current: 30 mA

Ambient temperature: -25 °C to +40 °C



Connection cross section: 1.5 to 2.5 mm<sup>2</sup>

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



	Order no.	Packing unit	PS
	<b>SCHUKO 2-gang socket outlet</b> 16 A/250 V~ complete with cover frame		
<b>with child protection and ⚡ symbol<sup>1)</sup></b>			
pure white	0783 40	1	01
grey	0783 42	1	11
red	0783 43	1	11
blue	0783 46	1	11
black	0783 47	1	11


Suitable for all common 60 mm flush-mounted wall boxes.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	<b>2-gang socket outlet with earth pin</b> 16 A/250 V~		
			
<b>with child protection and ⚡ symbol<sup>1)</sup></b>			
pure white	0795 40	1	01
grey	0795 42	1	11
red	0795 43	1	11
blue	0795 46	1	11
black	0795 47	1	11



With 2-gang cover frame.  
 Suitable for all common 60 mm flush-mounted wall boxes.  
<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	<b>SCHUKO 3-gang socket outlet</b> 16 A/250 V~ with one-piece cover frame		
pure white	0199 40	1	01
grey	0199 42	1	11
red	0199 43	1	11
blue	0199 46	1	11
black	0199 47	1	11
Panel box	0098 00	1	01


Also suitable for duo panel box and duct installation.

	Order no.	Packing unit	PS
	<b>American socket outlet</b> 2-pole + E 20 A 125 V~, NEMA 5-20 R		
pure white	0487 40	1/5	01
grey	0487 42	1/5	11
red	0487 43	1/5	11
blue	0487 46	1/5	11
black	0487 47	1/5	11



For screw attachment only. Symbol labelling is possible here.

	Order no.	Packing unit	PS
	<b>Socket outlet with earth pin</b> 16 A/250 V~		
			
pure white	0484 40	1/5	01
grey	0484 42	1/5	11
red	0484 43	1/5	11
blue	0484 46	1/5	11
black	0484 47	1/5	11
<b>with child protection and ⚡ symbol<sup>1)</sup></b>			
pure white	0485 40	1	01
grey	0485 42	1/5	11
red	0485 43	1/5	11
blue	0485 46	1/5	11
black	0485 47	1/5	11


<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	<b>American 2-gang socket outlet</b> 2-pole + E 20 A 125 V, NEMA 5-20 R		
<b>with shaped cover frame</b>			
pure white	0496 40	1	01
grey	0496 42	1	11
red	0496 43	1	11
blue	0496 46	1	11
black	0496 47	1	11
Panel box	0095 00	1	01


For screw attachment only.

	Order no.	Packing unit	PS
	<b>Socket outlet with earth pin and hinged cover</b> 16 A/250 V~		
			
<b>with child protection and ⚡ symbol<sup>1)</sup></b>			
pure white	0488 40	1/5	01
grey	0488 42	1/5	11
red	0488 43	1/5	11
blue	0488 46	1/5	11
black	0488 47	1/5	11

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.


	Order no.	Packing unit	PS
	<b>Socket outlet „British Standard“</b> (BS 1363) 13 A 250 V~		
pure white	0429 40	1/5	01
grey	0429 42	1/5	11
red	0429 43	1/5	11
blue	0429 46	1/5	11
black	0429 47	1/5	11

For screw attachment only.


	Order no.	Packing unit	PS
	<b>Socket outlet „British Standard“</b> (BS 1363), can be switched off, 13 A 250 V~		
pure white	0489 40	1/5	01
grey	0489 42	1/5	11
red	0489 43	1/5	11
blue	0489 46	1/5	11
black	0489 47	1/5	11

For screw attachment only. Symbol labelling is possible here.




	Order no.	Packing unit	PS
	<b>HNA socket outlet</b> 16 A/250 V~		
pure white	<b>0479 40</b>	1/5	01
grey	<b>0479 42</b>	1/5	11
red	<b>0479 43</b>	1/5	11
blue	<b>0479 46</b>	1/5	11
black	<b>0479 47</b>	1/5	11

For screw attachment only.


	Order no.	Packing unit	PS
	<b>Danish socket outlet with protective contact</b> 107-2-D1, DK 1-1a, 16 A/250 V~		
<b>with child protection<sup>1)</sup></b>			
pure white	<b>0422 40</b>	1/5	01
grey	<b>0422 42</b>	1/5	11
red	<b>0422 43</b>	1/5	11
blue	<b>0422 46</b>	1/5	11
black	<b>0422 47</b>	1/5	11

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

	Order no.	Packing unit	PS
	<b>Safety-razor socket outlet pursuant to IEC 742</b>		
<b>With full plate for individual installation</b>			
pure white glossy	<b>0419 03</b>	1	01

Including compression-moulded flush-mounted box.  
Output: 20 VA  
230 V/115 V, selectable.


**Additional colours available on request.**

	Order no.	Packing unit	PS
<b>Dimmers</b>			
	<b>Cover plate with button for dimmer and electronic potentiometer</b>		
pure white	<b>0650 40</b>	5	02
grey	<b>0650 42</b>	1	02
red	<b>0650 43</b>	1	02
blue	<b>0650 46</b>	1	02
black	<b>0650 47</b>	1	02

**Universal rotary dimmer insert 1176 00 → Page 199.**  
**Auxiliary insert 1177 00 → Page 199.**  
**Light-bulb dimming insert with 2-way turn-off switch 0300 00 → Page 201.**  
**Light-bulb dimming insert 1184 00 → Page 201.**  
**Light bulb dimming insert 0302 00 → Page 201.**  
**Light-bulb dimming insert 1181 00 → Page 201.**  
**Tronic dimming insert 1182 00 → Page 201.**  
**Tronic dimming insert 0307 00 → Page 201.**  
**LV dimming insert 0306 00 → Page 202.**  
**LV dimming insert 1183 00 → Page 202.**  
**Electronic potentiometer insert 0308 00, 0309 00 → Page 202.**

	Order no.	Packing unit	PS
	<b>Cover plate with button for speed adjuster</b>		
pure white	<b>0652 40</b>	1	02

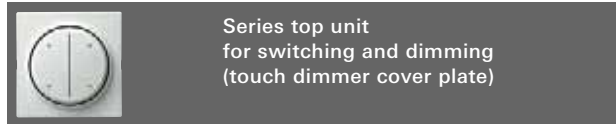
**Speed adjuster insert 0314 00 → Page 192.**

	Order no.	Packing unit	PS
	<b>System 2000 top unit for switching and dimming (touch dimmer cover plate)</b>		
pure white	<b>0655 40</b>	1/5	02
grey	<b>0655 42</b>	1/5	02
red	<b>0655 43</b>	1/5	02
blue	<b>0655 46</b>	1/5	02
black	<b>0655 47</b>	1/5	02

Top unit with short-stroke button for use with System 2000. The top unit operates based on the 2-area principle, i.e. there is an upper and lower rocker half used for controlling the inserts.  
Operating temperature: -20 °C to +45 °C

**System 2000 universal dimming insert 0305 00 → Page 194.**  
**System 2000 LV dimmer insert 0331 00 → Page 194.**  
**System 2000 1–10 V control device insert 0860 00 → Page 195.**  
**System 2000 Tronic switch insert (only switching here) 0866 00 → Page 195.**  
**System 2000 Triac switch insert (only switching here) 0854 00 → Page 196.**  
**System 2000 relay insert (only switching here) 0853 00 → Page 196.**  
**System 2000 relay insert, zero-voltage (only switching here) 1148 00 → Page 197.**  
**System 2000 HLK relay insert (only switching here) 0303 00 → Page 197.**  
**System 2000 impulse insert 0336 00 → Page 198.**  
**System 2000 auxiliary insert 0333 00 → Page 198.**

Order no.	Packing unit	PS
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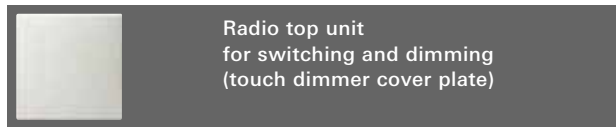


pure white	<b>2264 40</b>	1	02
grey	<b>2264 42</b>	1	02
red	<b>2264 43</b>	1	02
blue	<b>2264 46</b>	1	02
black	<b>2264 47</b>	1	02

Top unit with short-stroke button for use with the series dimming insert. Operation is carried out at the corner points of the button. The top is for switching on and dimming brighter, while the bottom is for switching off and dimming darker. Pressing the centre at the top or bottom brightens or dims the two dimming circuits synchronously.

Operating temperature: -20 °C to +45 °C

Universal series dimming insert 2263 00 → Page 200.



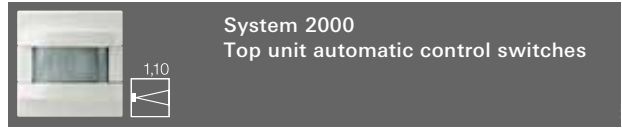
pure white	<b>0543 40</b>	1/5	02
grey	<b>0543 42</b>	1/5	02
red	<b>0543 43</b>	1/5	02
blue	<b>0543 46</b>	1/5	02
black	<b>0543 47</b>	1/5	02

For use in the Gira radio bus system.

Functional description → Page 397.

Order no.	Packing unit	PS
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Automatic light

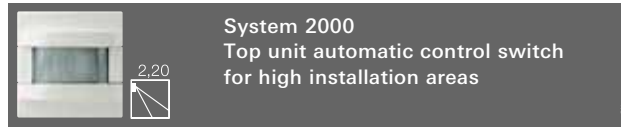


Standard top unit			
pure white	<b>1300 40</b>	1/5	02
grey	<b>1300 42</b>	1/5	02
red	<b>1300 43</b>	1/5	02
blue	<b>1300 46</b>	1/5	02
black	<b>1300 47</b>	1/5	02

Comfort top unit			
pure white	<b>0661 40</b>	1	02
grey	<b>0661 42</b>	1	02
red	<b>0661 43</b>	1	02
blue	<b>0661 46</b>	1	02
black	<b>0661 47</b>	1	02

Functional description of standard top unit → Page 226.

Functional description of comfort top unit → Page 226.

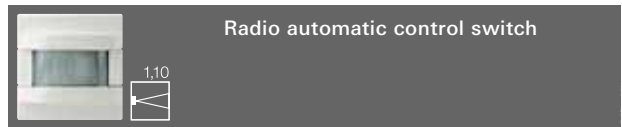


Standard top unit			
pure white	<b>1301 40</b>	5	02
grey	<b>1301 42</b>	5	02
red	<b>1301 43</b>	5	02
blue	<b>1301 46</b>	5	02
black	<b>1301 47</b>	5	02

Comfort top unit			
pure white	<b>0671 40</b>	1	02
grey	<b>0671 42</b>	1	02
red	<b>0671 43</b>	1	02
blue	<b>0671 46</b>	1	02
black	<b>0671 47</b>	1	02

Functional description of standard top unit for high installation areas → Page 227.

Functional description of comfort top unit for high installation areas → Page 227.



pure white	<b>1306 40</b>	1	02
grey	<b>1306 42</b>	1	02
red	<b>1306 43</b>	1	02
blue	<b>1306 46</b>	1	02
black	<b>1306 47</b>	1	02

For use in the Gira radio bus system.

Functional description → Page 391.

Order no.	Packing unit	PS
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### Push button sensors/cover plates for bus systems

Push button sensor, 1-gang with inscription space			
pure white	0881 40	1/5	06
grey	0881 42	1/5	06
red	0881 43	1/5	06
blue	0881 46	1/5	06
black	0881 47	1/5	06

For use in the Gira bus systems.  
Functional description of Instabus system → Page 325.  
Functional description of radio bus system → Page 394.

Push button sensor, 2-gang with inscription space			
pure white	0882 40	1/5	06
grey	0882 42	1/5	06
red	0882 43	1/5	06
blue	0882 46	1/5	06
black	0882 47	1/5	06

For use in the Gira bus systems.  
Functional description of Instabus system → Page 325.  
Functional description of radio bus system → Page 395.

Push button sensor, 4-gang with inscription space			
pure white	0884 40	1/5	06
grey	0884 42	1/5	06
red	0884 43	1/5	06
blue	0884 46	1/5	06
black	0884 47	1/5	06

For use in the Gira bus systems.  
Functional description of Instabus system → Page 326.  
Functional description of radio bus system → Page 395.

Multi-function push button sensor, 4-gang with inscription space			
pure white	0885 40	1/5	06
grey	0885 42	1/5	06
red	0885 43	1/5	06
blue	0885 46	1/5	06
black	0885 47	1/5	06

For use in the Gira Instabus system.  
Functional description → Page 326.

Order no.	Packing unit	PS
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Light scene push button sensor, 8-gang with inscription space			
pure white	0888 40	1/5	06
grey	0888 42	1/5	06
red	0888 43	1/5	06
blue	0888 46	1/5	06
black	0888 47	1/5	06

For use in the Gira Instabus system.  
Functional description → Page 327.

Radio top unit for switching and dimming (touch dimmer cover plate)			
pure white	0543 40	1/5	02
grey	0543 42	1/5	02
red	0543 43	1/5	02
blue	0543 46	1/5	02
black	0543 47	1/5	02

Functional description of radio bus system → Page 397.

Radio blind control button with sensor evaluation			
pure white	0545 40	1/5	02
grey	0545 42	1/5	02
red	0545 43	1/5	02
blue	0545 46	1/5	02
black	0545 47	1/5	02

Functional description of radio bus system → Page 398.


Instabus KNX/EIB data interface with inscription space and removal protection			
pure white	0558 40	1/5	06
grey	0558 42	1/5	06
red	0558 43	1/5	06
blue	0558 46	1/5	06
black	0558 47	1/5	06

For use in the Gira Instabus system.  
Functional description → Page 327.

Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface			
pure white	0276 40	5	01
grey	0276 42	1	11
red	0276 43	1	11
blue	0276 46	1	11
black	0276 47	1	11

USB data interface UP 1070 00 → Page 351.


Order no.	Packing unit	PS
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**Instabus KNX/EIB**  
Continuous regulator  
with 4-gang button interface  
including bus coupler

pure white	2100 40	1	06
grey	2100 42	1	06
red	2100 43	1	06
blue	2100 46	1	06
black	2100 47	1	06
Remote sensor	1493 00	1	02

For use in the Gira Instabus system.  
Functional description → Page 329.



**Instabus KNX/EIB**  
automatic control switch

Standard top unit			
pure white	0880 40	1	06
grey	0880 42	1	06
red	0880 43	1	06
blue	0880 46	1	06
black	0880 47	1	06

Comfort top unit			
pure white	1304 40	1/5	06
grey	1304 42	1/5	06
red	1304 43	1/5	06
blue	1304 46	1/5	06
black	1304 47	1/5	06

Standard top unit for high installation areas			
pure white	0889 40	1	06
grey	0889 42	1	06
red	0889 43	1	06
blue	0889 46	1	06
black	0889 47	1	06

Comfort top unit for high installation areas			
pure white	1305 40	1	06
grey	1305 42	1	06
red	1305 43	1	06
blue	1305 46	1	06
black	1305 47	1	06

For use in the Gira Instabus system.  
Functional description of standard top unit → Page 331.  
Functional description of comfort top unit → Page 332.  
Functional description of standard top unit for high installation areas → Page 331.  
Functional description of comfort top unit for high installation areas → Page 333.

Order no.	Packing unit	PS
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**Blind controller**



**Cover plate and rockers with arrow symbol**

pure white	0294 40	5	01
grey	0294 42	5	11
red	0294 43	1	11
blue	0294 46	1	11
black	0294 47	1	11


Blind button/switch inserts 0158 00, 0159 00 → Page 193.  
Bus-coupler button 0182 00 → Page 310.



**Cover plate with knob for blind switches/buttons**

pure white	0666 40	5	01
grey	0666 42	1	11
red	0666 43	1	11
blue	0666 46	1	11
black	0666 47	1	11


Blind button/switch inserts 0154 00, 0157 00 → Page 193.



**Cover plate for 2-pole key switches and 1-pole key switches**

pure white	0664 40	5	02
grey	0664 42	1	02
red	0664 43	1	02
blue	0664 46	1	02
black	0664 47	1	02


Key switch inserts 0144 00, 0163 00 → Page 193.  
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207.



**Blind control button standard top unit**

pure white	0634 40	1	02
grey	0634 42	1	02
red	0634 43	1	02
blue	0634 46	1	02
black	0634 47	1	02


Functional description → Page 216.




**Blind control button top unit**

pure white	0644 40	1/5	02
grey	0644 42	1/5	02
red	0644 43	1/5	02
blue	0644 46	1/5	02
black	0644 47	1/5	02


Functional description → Page 217.

	Order no.	Packing unit	PS
	<b>Blind control button top unit with sensor evaluation</b>		
pure white	<b>0820 40</b>	1/5	02
grey	<b>0820 42</b>	1/5	02
red	<b>0820 43</b>	1/5	02
blue	<b>0820 46</b>	1/5	02
black	<b>0820 47</b>	1/5	02

Functional description → Page 217.


	<b>Top unit for blind control button with memory function and sensor evaluation</b>		
pure white	<b>0822 40</b>	1/5	02
grey	<b>0822 42</b>	1/5	02
red	<b>0822 43</b>	1/5	02
blue	<b>0822 46</b>	1/5	02
black	<b>0822 47</b>	1/5	02

Functional description → Page 218.


	<b>Radio blind control button with sensor evaluation</b>		
pure white	<b>0545 40</b>	1/5	02
grey	<b>0545 42</b>	1/5	02
red	<b>0545 43</b>	1/5	02
blue	<b>0545 46</b>	1/5	02
black	<b>0545 47</b>	1/5	02

For use in the Gira radio bus system.


Functional description → Page 398.

	<b>Top unit electronic blind controller "easy"</b>		
pure white	<b>0841 40</b>	1/5	02
grey	<b>0841 42</b>	1/5	02
red	<b>0841 43</b>	1/5	02
blue	<b>A0841 46</b>	5	02
black	<b>0841 47</b>	1/5	02

Functional description → Page 219.

	<b>Top unit for electronic blind controller 2</b>		
pure white	<b>1308 40</b>	1	02
grey	<b>1308 42</b>	1	02
red	<b>1308 43</b>	1	02
blue	<b>1308 46</b>	1	02
black	<b>1308 47</b>	1	02

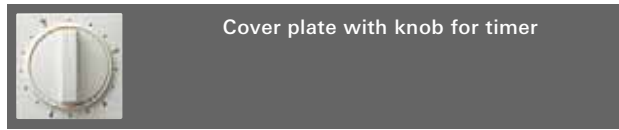
Functional description → Page 219.

	Order no.	Packing unit	PS
	<b>Top unit for electronic blind controller 2 with sensor evaluation</b>		
pure white	<b>1309 40</b>	1	02
grey	<b>1309 42</b>	1	02
red	<b>1309 43</b>	1	02
blue	<b>1309 46</b>	1	02
black	<b>1309 47</b>	1	02

Functional description → Page 220.

Order no.	Packing unit	PS
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**Time switch**



**15 minutes**

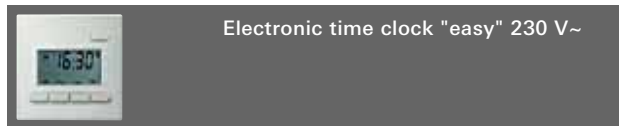
pure white	0640 40	1	02
grey	0640 42	1	02
red	0640 43	1	02
blue	0640 46	1	02
black	0640 47	1	02

**120 minutes**

pure white	0642 40	1	02
grey	0642 42	1	02
red	0642 43	1	02
blue	0642 46	1	02
black	0642 47	1	02

For screw attachment only.

Timer inserts 0320 00, 0321 00 → Page 193.



**0 – 1000 W/VA**

pure white	1175 40	1	02
grey	1175 42	1	02
red	1175 43	1	02
blue	1175 46	1	02
black	1175 47	1	02

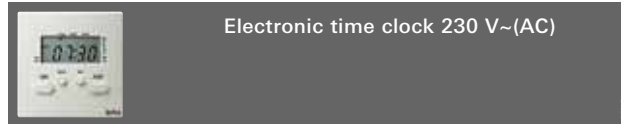
The time clock is installed in a 60 mm flush-mounted box (deep box recommended). The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 switch-on and 2 switch-off times each for Mo - Fr and Sa + Su.
- Programmed switching times are permanently retained.
- Time is retained for approx. 4 hours in case of a power failure (maintenance-free without batteries).
- Automatic summer/winter changeover.

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



Order no.	Packing unit	PS
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**0 – 1000 W/VA**

pure white	0385 40	1	02
grey	0385 42	1	02
red	0385 43	1	02
blue	0385 46	1	02
black	0385 47	1	02

The time clock is installed in a 60 mm flush-mounted box (deep box recommended).

The device enables programmed, time-controlled switching of various lighting elements up to max. 1,000 W.

- 2 independent program memories for different types of use in the house.
- Switching times preset at the factory for fast commissioning.
- Up to 18 switching times can be programmed.
- Easy, menu-driven operation and programming via a 4-button field.
- Power reserve up to 24 hours (maintenance-free without batteries).
- Resetting of the time clock to the factory settings.
- Random generator can be activated; works in the range of ± 15 min.
- Astro function with individual Astro time shift (± 2 hours) depending on the place of use.
- Easy switchover between summer/winter time.
- Timer function (automatic switch-off after set time).
- Manual actuation possible at all times.
- Control via 2 separate auxiliary inputs possible.
- Zero-voltage contact (not suitable for disconnection).

Rated voltage:	AC 230 V, 50 Hz, N conductor required
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen for wound transformer with at least 85 % rated load 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated 1000 VA fluorescent lamps, dual switching
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Ambient temperature:	0 °C to +45 °C
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>



Order no.	Packing unit	PS
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## Room temperature controller



Room temperature controller 230 V~

**230/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

pure white	<b>0392 40</b>	1/5	02
grey	<b>0392 42</b>	1/5	02
red	<b>0392 43</b>	1/5	02
blue	<b>0392 46</b>	1/5	02
black	<b>0392 47</b>	1/5	02

**230/10 (4) A~ with NC contact<sup>1)</sup>**

pure white	<b>0390 40</b>	1/5	02
grey	<b>0390 42</b>	1/5	02
red	<b>0390 43</b>	1/5	02
blue	<b>0390 46</b>	1/5	02
black	<b>0390 47</b>	1/5	02

**230/5 (2) A~ with 2-way switch<sup>2)</sup>**

pure white	<b>0396 40</b>	1/5	02
grey	<b>0396 42</b>	1/5	02
red	<b>0396 43</b>	1/5	02
blue	<b>0396 46</b>	1/5	02
black	<b>0396 47</b>	1/5	02

For screw attachment only. Flat design.

Night-time heating reduction: approx. 4 K.

<sup>1)</sup>Contact rating: 2200 W.

<sup>2)</sup>Rated heating current: 10(4) A.

Contact rating for heating: 2200 W.

Rated cooling current: 5(2) A.

Contact rating for cooling: 1100 W.

**Thermal valve drive 230 V~ 1122 00 → Page 32.**



Room temperature controller 24 V~

**24/10 (4) A~ with NC contact and on/off switch with control lamp<sup>1)</sup>**

pure white	<b>0393 40</b>	1/5	02
grey	<b>0393 42</b>	1/5	02
red	<b>0393 43</b>	1/5	02
blue	<b>0393 46</b>	1/5	02
black	<b>0393 47</b>	1/5	02

**24/10 (4) A~ with NC contact<sup>1)</sup>**

pure white	<b>0391 40</b>	1/5	02
grey	<b>0391 42</b>	1/5	02
red	<b>0391 43</b>	1/5	02
blue	<b>0391 46</b>	1/5	02
black	<b>0391 47</b>	1/5	02

**24/5 (2) A~ with 2-way switch<sup>2)</sup>**

pure white	<b>0397 40</b>	1/5	02
grey	<b>0397 42</b>	1/5	02
red	<b>0397 43</b>	1/5	02
blue	<b>0397 46</b>	1/5	02
black	<b>0397 47</b>	1/5	02

For screw attachment only. Flat design.

Night-time heating reduction: approx. 4 K.

<sup>1)</sup>Contact rating: 240 W.

<sup>2)</sup>Rated heating current: 10(4) A.

Contact rating for heating: 240 W.

Rated cooling current: 5(2) A.

Contact rating for cooling: 120 W.

**Thermal valve drive 24 V 1123 00 → Page 33.**



Order no.	Packing unit	PS
-----------	--------------	----



Room temperature controller 230 V~ with sensor, for electrical floor heating

**230/10 (4) A~ with NO contact**

pure white	<b>0394 40</b>	1	02
grey	<b>0394 42</b>	1	02
red	<b>0394 43</b>	1	02
blue	<b>0394 46</b>	1	02
black	<b>0394 47</b>	1	02

For screw attachment only.

Night-time reduction: approx. 5 K.

Contact rating: 2200 W.

Flat construction.

With remote sensors on 4 m cable (2 x 0.75 mm<sup>2</sup>), can be extended to 50 m with 1.5 mm<sup>2</sup> 2-lead cable.

Lay remote sensors in empty pipe in floor.



Room temperature controller 230 V~ with clock

pure white	<b>0389 40</b>	1	02
grey	<b>0389 42</b>	1	02
red	<b>0389 43</b>	1	02
blue	<b>0389 46</b>	1	02
black	<b>0389 47</b>	1	02

Electronic room temperature controller with integrated time delay switch for temperature-based single-room control. For example, heating units can be controlled directly via the switched output.

- Selectable operating modes „heating“ or „cooling“.
- Room temperature control via an internal and/or external temperature sensor as a room-temperature controller, as a floor-temperature controller or as a floor-temperature limiter.
- Time program with up to 32 switching points (default settings pre-programmed at the factory).
- Party function for extending the comfort temperature by 1, 2 or 3 hours, or until the next switching point.
- Energy-saving function for manual activation of the night-time reduction until the next switching point.
- Automatic summer/winter changeover.
- The hour display can be toggled between 12 and 24-hour mode.
- Self-teaching heating optimisation.
- Vacation reduction via date input.
- Remote sensor **1302 00** for measuring or controlling the floor temperature.

Rated voltage: 230 V, 50 Hz

N conductor required

Contact rating:

8 (4) A

1 NO contact, with equipotential bonding (relay contact)

Temperature range:

+10 °C to +40 °C

(comfort/night-time reduction)

+5 °C to +15 °C

(frost protection temperature)

Ambient temperature:

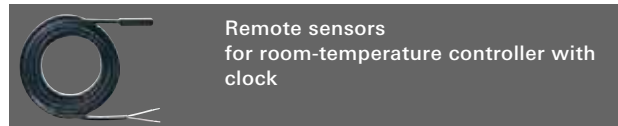
0 °C to +50 °C

**Remote sensor 1302 00 → Page 144.**

**Thermal valve drive 230 V~ 1122 00 → Page 32.**



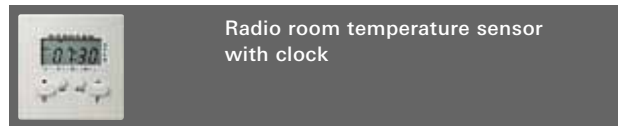
Order no.	Packing unit	PS
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black	<b>1302 00</b>	1	02
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Remote sensors with 4 m PVC line for measurement of floor temperature in conjunction with the room-temperature controller with clock **0389** ... Sensors in plastic cap with 6 mm Ø diameter and length of 43 mm.

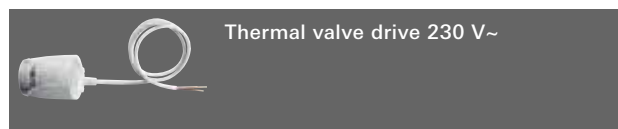
Room temperature controller with clock **0389** ... → Page 143.



pure white	<b>1186 40</b>	1	02
grey	<b>1186 42</b>	1	02
red	<b>1186 43</b>	1	02
blue	<b>1186 46</b>	1	02
black	<b>1186 47</b>	1	02

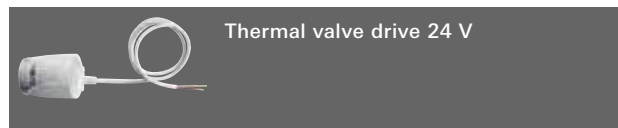
For use in the Gira radio bus system.

Functional description → Page 391.



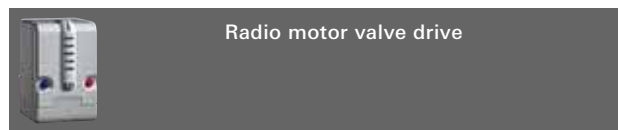
<b>1122 00</b>	5	06
----------------	---	----

Functional description → Page 32.



<b>1123 00</b>	1	06
----------------	---	----

Functional description → Page 33.



<b>1187 00</b>	1	02
----------------	---	----

<b>Remote sensor</b>			
white	<b>1188 00</b>	1	02

For use in the Gira radio bus system.

Functional description → Page 405.

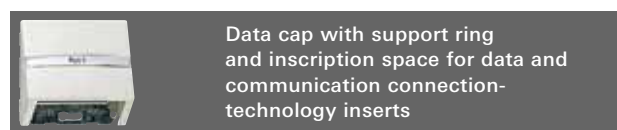
Order no.	Packing unit	PS
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S-Color



Order no.	Packing unit	PS
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### Communication Technology



Data cap with support ring and inscription space for data and communication connection-technology inserts

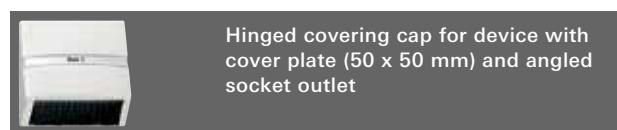
pure white	0870 40	1/5	01
grey	0870 42	1/5	11
red	0870 43	1/5	11
blue	0870 46	1/5	11
black	0870 47	1/5	11

For screw attachment only.

For vertical and 30° tilted socket outlet.

Inserts for data caps → Page 288.

Inscription sheets 1454 00 → Page 208.



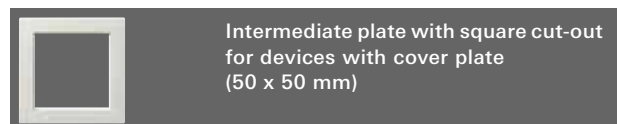
Hinged covering cap for device with cover plate (50 x 50 mm) and angled socket outlet

pure white	0682 40	1/5	01
grey	0682 42	1/5	11
red	0682 43	1/5	11
blue	0682 46	1/5	11
black	0682 47	1/5	11

Devices with a square central plate (50 x 50 mm) from other manufacturers, e.g. from Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat. 5 BIIC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante and Panduit (2-gang MSCSP 2) can be integrated in the switch range with this cover cap and cover frame (1 to 5-gang).

Cover plate for UAE/IAE (ISDN) 0270 .., 0284 .. → Page 146.

Inscription sheets 1454 00 → Page 208.



Intermediate plate with square cut-out for devices with cover plate (50 x 50 mm)

pure white	0282 40	5/25	01
grey	0282 42	5	11
red	0282 43	5	11
blue	0282 46	5	11
black	0282 47	5	11

With this intermediate plate and cover frame (1 to 5-gang), devices from other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack ITT Cannon Cat. 5, Deutsche Telekom, Drahtex, Hirose, Kannegieter BICC Brand Rex, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik, HomeWay, Siemens ICCS 100, 300 and 600, Telegärtner, Telenorma, TKM (4 x RJ 45) shielded, Cat. 5) etc. can be integrated in the switch range.

Required for central plate (50 x 50 mm) for coaxial antenna socket, 4-gang 0258 .., 0259 .. → Page 148.

Order no.	Packing unit	PS
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Intermediate plate with round cut-out for devices with cover plate (50 x 50 mm)

pure white	0281 40	5/25	01
grey	0281 42	5	11
red	0281 43	5	11
blue	0281 46	5	11
black	0281 47	5	11

Devices of other manufacturers with square central plates can be integrated in the switch range with this intermediate plate and cover frame (1 to 5-gang).

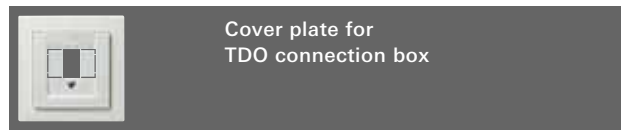
Order no.	Packing unit	PS
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**Telecommunication**



pure white	<b>0276 40</b>	5	01
grey	<b>0276 42</b>	1	11
red	<b>0276 43</b>	1	11
blue	<b>0276 46</b>	1	11
black	<b>0276 47</b>	1	11

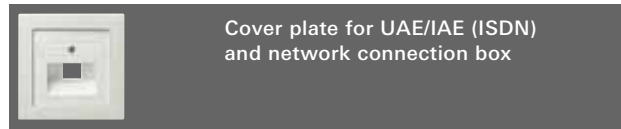
Suitable for all common TAE connection boxes.  
**TAE connection boxes 1100 10, 0032 10, 0033 10 → Page 290.**



**(for Austria only)**

pure white	<b>0260 40</b>	5	01
grey	<b>0260 42</b>	5	11
red	<b>0260 43</b>	5	11
blue	<b>0260 46</b>	5	11
black	<b>0260 47</b>	5	11

Suitable for all common TDO connection boxes.

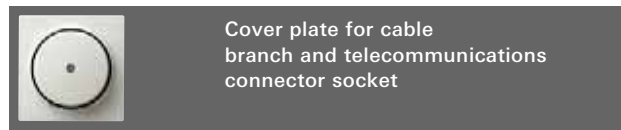


pure white	<b>0270 40</b>	5	01
grey	<b>0270 42</b>	5	11
red	<b>0270 43</b>	1	11
blue	<b>0270 46</b>	1	11
black	<b>0270 47</b>	1	11

**with inscription space**

pure white	<b>0284 40</b>	5	01
grey	<b>0284 42</b>	1	11
red	<b>0284 43</b>	1	11
blue	<b>0284 46</b>	1	11
black	<b>0284 47</b>	1	11

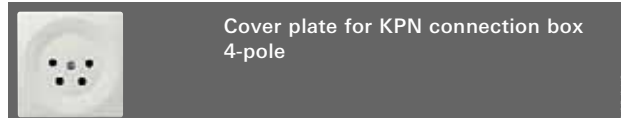
Cover plate can be broken out.  
 Suitable for UAE/IAE (ISDN) connection boxes.  
**UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 290.**  
**Network connection boxes 0166 00 → Page 291.**  
**Network connection boxes 0178 00, 0180 00, 0802 00, 0805 00 → Page 291.**  
**Hinged covering cap 0682 .. → Page 145.**



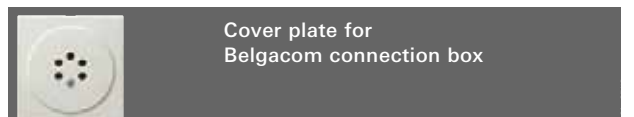
pure white	<b>0274 40</b>	5	01
grey	<b>0274 42</b>	1	11
red	<b>0274 43</b>	1	11
blue	<b>0274 46</b>	1	11
black	<b>0274 47</b>	1	11

Fits all common telecommunications connector sockets.  
**Cable branch insert 0400 00 → Page 290.**

Order no.	Packing unit	PS
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pure white	<b>0779 40</b>	1	01
grey	<b>0779 42</b>	1	11
red	<b>0779 43</b>	1	11
blue	<b>0779 46</b>	1	11
black	<b>0779 47</b>	1	11

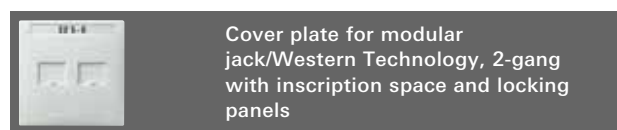


pure white	<b>0280 40</b>	1	01
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Inserts available from wholesalers.

Order no.	Packing unit	PS
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## Data systems technology



Cover plate for modular jack/Western Technology, 2-gang with inscription space and locking panels

pure white	0663 40	10/100	01
grey	0663 42	5	11
red	0663 43	1	11
blue	0663 46	1	11
black	0663 47	1	11

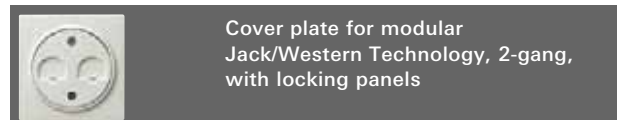
Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.

**Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1121 00 → Page 292.**

**Pin jack for Modular Jack 0043 00 → Page 292.**

**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**

**Inscription sheets 1453 00 → Page 208.**



Cover plate for modular Jack/Western Technology, 2-gang, with locking panels

pure white	0662 40	5	01
grey	0662 42	1	11
red	0662 43	1	11
blue	0662 46	1	11
black	0662 47	1	11

Fits Modular Jacks/Western Technology from AMP, Radial, Kannegieter, Lucent (AT), Nortel, Krone, Alcatel and ITT Canon in conjunction with the support rings for Modular Jacks/Western Technology.

**Support ring 0191 00, 0192 00, 0193 00, 0194 00, 0196 00, 0197 00, 1121 00 → Page 292.**

**Pin jack for Modular Jack 0043 00 → Page 292.**

**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**



Cover plate with support ring for acceptance of plugs of type D-Sub (min-D)

pure white	0278 40	1	01
grey	0278 42	1	11
red	0278 43	1	11
blue	0278 46	1	11
black	0278 47	1	11

For screw attachment only.

E.g. for V 24 (RS 232) interface.

**Plugs 0021 00, 0022 00, 0023 00 → Page 293.**

Order no.	Packing unit	PS
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Cover plate with base, support ring and adapter set for communication technology

pure white	0277 40	1/5	01
grey	0277 42	1/5	11
red	0277 43	1/5	11
blue	0277 46	1/5	11
black	0277 47	1/5	11

Second hole can be broken out.

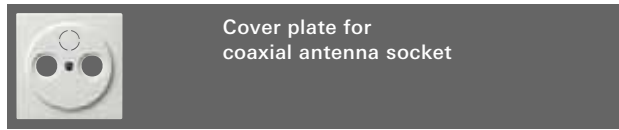
For single-hole attachment with diameter  $\varnothing$  18 mm pursuant to DIN 41 524 or flange attachment with 22.2 mm hole spacing pursuant to DIN 51 529, BNC and TNC panel pin jacks. For signal and command devices with installation dimensions of  $\varnothing$  16.5 mm.

**BNC panel pin jack 0025 00 → Page 293.**

**BNC specialised plug 0026 00 → Page 293.**

Order no.	Packing unit	PS
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**TV / Multimedia**

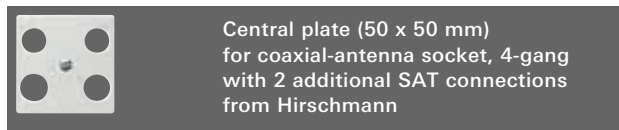


Cover plate for coaxial antenna socket

pure white	<b>0869 40</b>	10/100	01
grey	<b>0869 42</b>	1	11
red	<b>0869 43</b>	1	11
blue	<b>0869 46</b>	1	11
black	<b>0869 47</b>	1	11

Third hole can be broken out.

Antenna sockets 0041 00, 0042 00, 0046 00 and 0937 00 → Page 294.

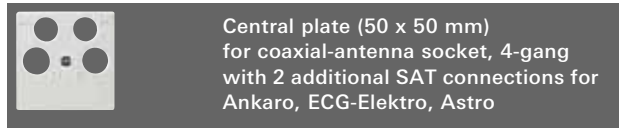


Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections from Hirschmann

pure white	<b>0258 40</b>	5	01
black	<b>0258 10</b>	5	01

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.

Intermediate plate 0282 .. → Page 145.



Central plate (50 x 50 mm) for coaxial-antenna socket, 4-gang with 2 additional SAT connections for Ankaro, ECG-Elektro, Astro

pure white	<b>0259 40</b>	5	01
black	<b>0259 10</b>	5	01

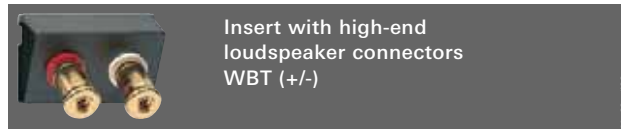
Fits antenna socket, 4-gang Sat 400/EAS/DC from Ankaro, SEV 2 from ECG-Elektro and GUT 400 from Astro.

To integrate this central plate in the switch range, the intermediate plate with a square cut-out for devices from other manufacturers (50 x 50 mm) **0282 .. must** be used.

Intermediate plate 0282 .. → Page 145.

Order no.	Packing unit	PS
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**Acoustics**



Insert with high-end loudspeaker connectors WBT (+/-)

<b>0091 00</b>	5	01
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For the professional connection of loudspeaker cables up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.

Does not fit water-protected surface-mounted system.

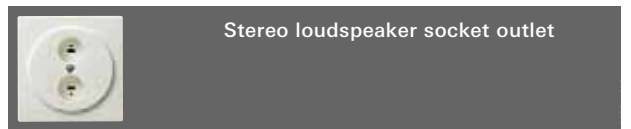
Material: OFC copper, 24-carat gold plated

Contact resistance: ≤ 0.1 mΩ with terminal attachment

≤ 0.15 mΩ with attachment via standard banana plug



Fits data cap 0870 .. → Page 145.



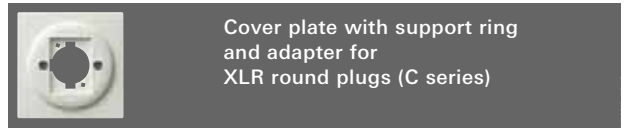
Stereo loudspeaker socket outlet

pure white	<b>0402 40</b>	1/5	01
grey	<b>0402 42</b>	1/5	11
red	<b>0402 43</b>	1/5	11
blue	<b>0402 46</b>	1/5	11
black	<b>0402 47</b>	1/5	11

With screw terminals.

Connectable line diameter max. 1.5 mm<sup>2</sup>.

For line diameter up to 10 mm<sup>2</sup>, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ..** or cover plate for loudspeaker plug (WBT) **0407 ..**



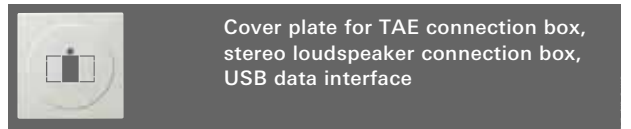
Cover plate with support ring and adapter for XLR round plugs (C series)

pure white	<b>0265 40</b>	1	01
grey	<b>0265 42</b>	1	11
red	<b>0265 43</b>	1	11
blue	<b>0265 46</b>	1	11
black	<b>0265 47</b>	1	11

Adapter for level and slanted attachment.

Screw attachment.

XLR plugs 0436 00, 0437 00 → Page 295.

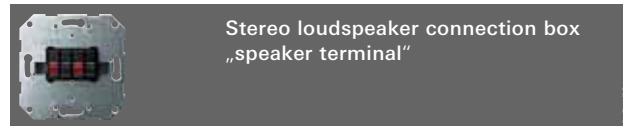


Cover plate for TAE connection box, stereo loudspeaker connection box, USB data interface

pure white	<b>0276 40</b>	5	01
grey	<b>0276 42</b>	1	11
red	<b>0276 43</b>	1	11
blue	<b>0276 46</b>	1	11
black	<b>0276 47</b>	1	11

Stereo loudspeaker connection box 1109 10 → Page 149.

Order no.	Packing unit	PS
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Stereo loudspeaker connection box „speaker terminal“

1109 10	1/5	03
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For connection of loudspeaker cables up to a maximum of 6 mm<sup>2</sup>.  
Connection on front:

- Quick mounting with screwless connection terminals
- Poling with coloured markings

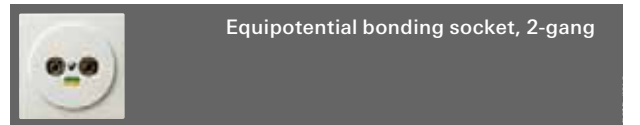
Wall connection:

- Connection with screw terminals
- Flexible and rigid conductors possible
- Large clamping chamber for securing wires
- Pole marking on wall side

Suitable for cover plate 0276 .. → Page 148.

Order no.	Packing unit	PS
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Equipotential bonding socket

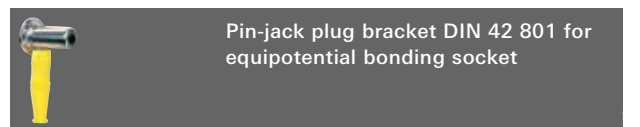


Equipotential bonding socket, 2-gang

pure white	0405 40	1/5	01
grey	0405 42	1/5	11
red	0405 43	1/5	11
blue	0405 46	1/5	11
black	0405 47	1/5	11

For the connection of medical devices. DIN 42 801.  
Connectable line diameter: 6 to 10 mm<sup>2</sup>.

Pin-jack plug bracket 044757 → Page 149.



Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm <sup>2</sup>	044757	5/25	01
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With yellow insulating bush.

Equipotential bonding socket 0405 ... → Page 149.



Order no.	Packing unit	PS
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**Surface-mounted**



Surface-mounted housing, flat design, with S-Color cover frame

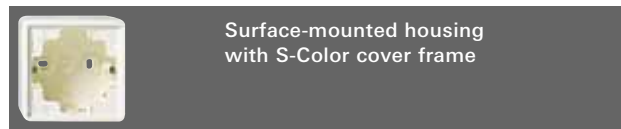
1-gang			
pure white	0219 40	1	01
grey	0219 42	1	01
red	0219 43	1	01
blue	0219 46	1	01
black	0219 47	1	01

For push buttons with low voltage up to 42 V and radio wall transmitter insert.

Not suitable for cable and duct entry.

Push buttons for low voltage up to 42 V 0153 .. → Page 134.

Radio wall transmitter insert 0511 00 → Page 386.



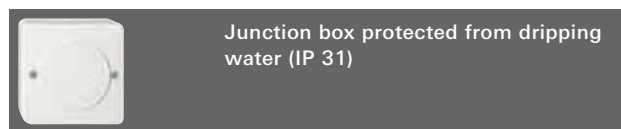
Surface-mounted housing with S-Color cover frame

1-gang			
pure white	0061 40	10	13
grey	0061 42	1	13
red	0061 43	1	13
blue	0061 46	1	13
black	0061 47	1	13

2-gang			
pure white	0062 40	5	13
grey	0062 42	1	13
red	0062 43	1	13
blue	0062 46	1	13
black	0062 47	1	13

3-gang			
pure white	0063 40	1	13
grey	0063 42	1	13
red	0063 43	1	13
blue	0063 46	1	13
black	0063 47	1	13

With cable and duct entry. With the S-Color system, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

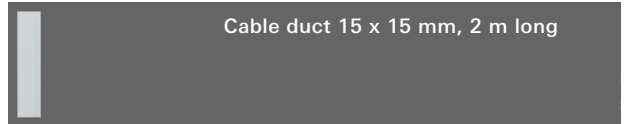


Junction box protected from dripping water (IP 31)

pure white	0070 40	1	01
grey	0070 42	1	11
red	0070 43	1	11
blue	0070 46	1	11
black	0070 47	1	11

With 3 cable and duct entries.

Order no.	Packing unit	PS
-----------	--------------	----



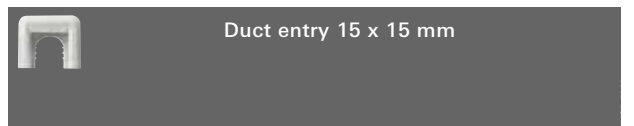
Cable duct 15 x 15 mm, 2 m long

pure white	0071 40	6/1	01
grey	0071 42	6/1	11
red	0071 43	6/1	11
blue	0071 46	6/1	11
black	0071 47	6/1	11

Structurally stable up to 60 °C.

Deformation may occur in strong sunlight.

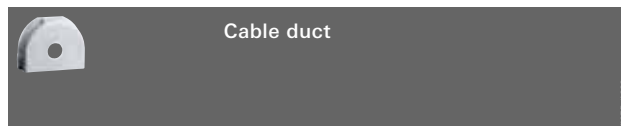
Price per metre. Sales length 6 x 2 m.



Duct entry 15 x 15 mm

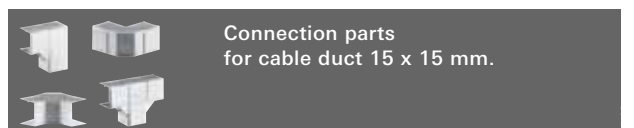
pure white	0008 40	10	01
grey	0008 42	5	11
red	0008 43	5	11
blue	0008 46	5	11
black	0008 47	5	11

For cable duct 15 x 15 mm.



Cable duct

pure white	0009 40	5	01
grey	0009 42	5	11
red	0009 43	5	11
blue	0009 46	5	11
black	0009 47	5	11



Connection parts for cable duct 15 x 15 mm.

Flat bracket			
pure white	0075 40	5/25	01
grey	0075 42	5	11
red	0075 43	5	11
blue	0075 46	5	11
black	0075 47	5	11

Inside corner			
pure white	0076 40	5	01
grey	0076 42	5	11
red	0076 43	5	11
blue	0076 46	5	11
black	0076 47	5	11

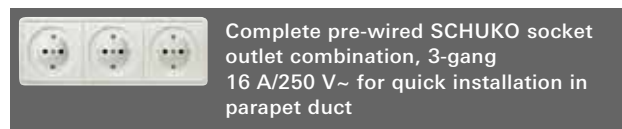
Outside corner			
pure white	0077 40	5	01
grey	0077 42	5	11
red	0077 43	5	11
blue	0077 46	5	11
black	0077 47	5	11

T-piece			
pure white	0078 40	5	01
grey	0078 42	5	11
red	0078 43	5	11
blue	0078 46	5	11
black	0078 47	5	11

All connection parts can be attached simply.

Order no.	Packing unit	PS
-----------	--------------	----

**Duct Installation**

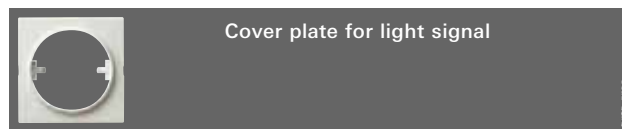


pure white	0747 40	5/10	01
------------	---------	------	----

With cover frame, 3-gang.  
Suitable for Stago System 3000 and Van Geel GW 05 ducts.

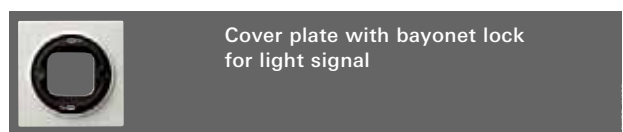
Order no.	Packing unit	PS
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**Other**



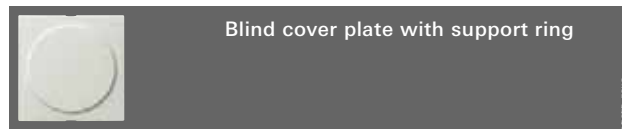
pure white	0658 40	1	01
grey	0658 42	1	11
red	0658 43	1	11
blue	0658 46	1	11
black	0658 47	1	11

Light signal insert (E 10) 0160 00 → Page 206.  
Light signal insert 0161 00 → Page 206.  
Flat covering caps, can be inserted, 0801 02, 0803 02, 0804 02, 0806 02 → Page 206.



pure white	0659 40	1	01
grey	0659 42	1	11
red	0659 43	1	11
blue	0659 46	1	11
black	0659 47	1	11

Light signal insert 0161 00 → Page 206.  
Covering caps with bayonet lock 0801 01, 0803 01, 0804 01, 0806 01 → Page 206.



pure white	0268 40	10/100	01
grey	0268 42	5	11
red	0268 43	1	11
blue	0268 46	1	11
black	0268 47	1	11

For screw attachment.



Order no.	Packing unit	PS
-----------	--------------	----

**Cover frames for combinations vertical and horizontal**



<b>1-gang</b> pure white	<b>0211 40</b>	10/100	01
<b>2-gang</b> pure white	<b>0212 40</b>	10	01
<b>3-gang</b> pure white	<b>0213 40</b>	10/100	01
<b>4-gang</b> pure white	<b>0214 40</b>	1/5	01
<b>5-gang</b> pure white	<b>0215 40</b>	1/5	01

Also suitable for duct installation.



<b>1-gang</b> grey	<b>0211 42</b>	10	11
<b>2-gang</b> grey	<b>0212 42</b>	10	11
<b>3-gang</b> grey	<b>0213 42</b>	1/5	11
<b>4-gang</b> grey	<b>0214 42</b>	1/5	11
<b>5-gang</b> grey	<b>0215 42</b>	1/5	11

Also suitable for duct installation.



<b>1-gang</b> red	<b>0211 43</b>	10	11
<b>2-gang</b> red	<b>0212 43</b>	10	11
<b>3-gang</b> red	<b>0213 43</b>	1/5	11
<b>4-gang</b> red	<b>0214 43</b>	1/5	11
<b>5-gang</b> red	<b>0215 43</b>	1/5	11

Also suitable for duct installation.

Order no.	Packing unit	PS
-----------	--------------	----



<b>1-gang</b> blue	<b>0211 46</b>	10	11
<b>2-gang</b> blue	<b>0212 46</b>	10	11
<b>3-gang</b> blue	<b>0213 46</b>	1/5	11
<b>4-gang</b> blue	<b>0214 46</b>	1/5	11
<b>5-gang</b> blue	<b>0215 46</b>	1/5	11

Also suitable for duct installation.



<b>1-gang</b> black	<b>0211 47</b>	10	11
<b>2-gang</b> black	<b>0212 47</b>	10	11
<b>3-gang</b> black	<b>0213 47</b>	1/5	11
<b>4-gang</b> black	<b>0214 47</b>	1/5	11
<b>5-gang</b> black	<b>0215 47</b>	1/5	11

Also suitable for duct installation.



Order no.	Packing unit	PS
-----------	--------------	----

### Cover frames with seal for combinations vertical and horizontal



<b>1-gang</b> pure white	<b>0251 40</b>	10	01
-----------------------------	----------------	----	----

<b>2-gang</b> pure white	<b>0252 40</b>	10	01
-----------------------------	----------------	----	----

<b>3-gang</b> pure white	<b>0253 40</b>	1/5	01
-----------------------------	----------------	-----	----

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.



<b>1-gang</b> grey	<b>0251 42</b>	1	11
-----------------------	----------------	---	----

<b>2-gang</b> grey	<b>0252 42</b>	10	11
-----------------------	----------------	----	----

<b>3-gang</b> grey	<b>0253 42</b>	1/5	11
-----------------------	----------------	-----	----

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.



<b>1-gang</b> red	<b>0251 43</b>	1	11
----------------------	----------------	---	----

<b>2-gang</b> red	<b>0252 43</b>	10	11
----------------------	----------------	----	----

<b>3-gang</b> red	<b>0253 43</b>	1/5	11
----------------------	----------------	-----	----

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.

Order no.	Packing unit	PS
-----------	--------------	----



<b>1-gang</b> blue	<b>0251 46</b>	1	11
-----------------------	----------------	---	----

<b>2-gang</b> blue	<b>0252 46</b>	10	11
-----------------------	----------------	----	----

<b>3-gang</b> blue	<b>0253 46</b>	1/5	11
-----------------------	----------------	-----	----

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.



<b>1-gang</b> black	<b>0251 47</b>	1	11
------------------------	----------------	---	----

<b>2-gang</b> black	<b>0252 47</b>	10	11
------------------------	----------------	----	----

<b>3-gang</b> black	<b>0253 47</b>	1/5	11
------------------------	----------------	-----	----

For drip-water-protected (IP 21) placement of flush-mounted push switches, rocker switches, buttons and SCHUKO socket outlets with hinged covers. Cannot be combined with S-Color housings. Also suitable for duct installation.

The Gira Profile 55 enables the easy expansion of the existing installation without having to chop open the wall. During a relocation the expansion can easily be removed and taken along.

The profile is available with up to eight empty units and in many different variants. It can be individually equipped with all functions from the Gira System 55.

#### Installation

suitable for vertical and horizontal installation for the expansion of an existing installation with flush-mounted or surface-mounted cable routing

with angled mounting bracket/base foot for installation under hanging cabinets, in corners and as a table-top housing

#### Dimensions

(W x H x D, mm)

Gira Profile 55

1-gang: 87 x 86 x 53

2-gang: 158 x 86 x 53

3-gang: 230 x 86 x 53

5-gang: 372 x 86 x 53

5-gang/600: 587 x 86 x 53

8-gang: 587 x 86 x 53

Gira Profile 55 with centred cable feed

2-gang: 158 x 86 x 53

3-gang: 230 x 86 x 53

Gira Profile 55

with angled mounting bracket/base foot

2-gang: 158 x 107 x 107

3-gang: 230 x 107 x 107

5-gang/600: 587 x 107 x 107

8-gang: 587 x 107 x 107

#### Material

aluminium

#### Colours

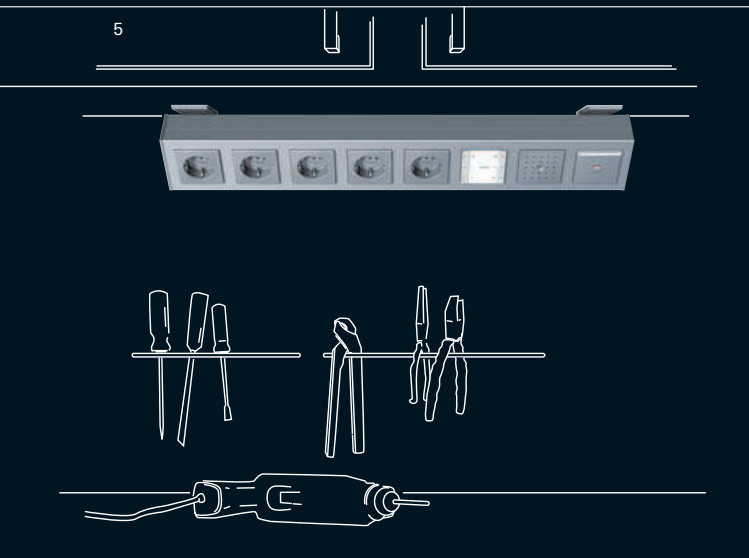
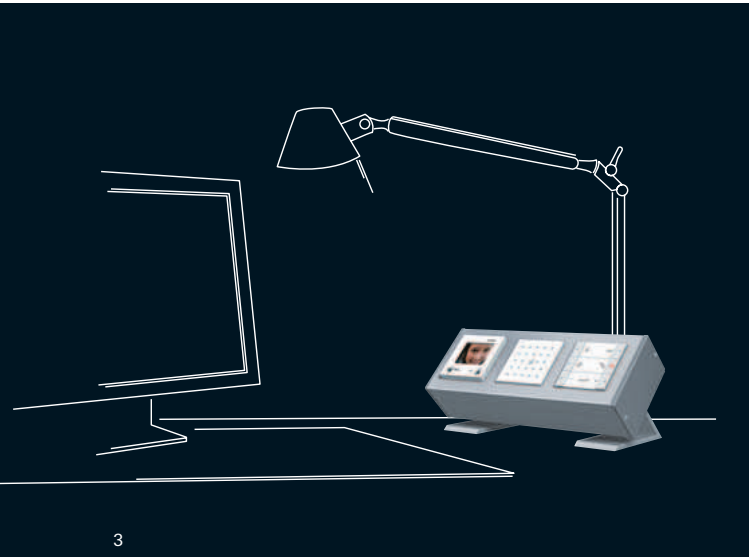
pure white (lacquered, similar to RAL 9010), aluminium (anodised E6 EV1)

#### Protection type

IP 20

#### Design

Gira, Radevormwald



# Gira Profile 55

## System 55 surface-mounted expansion installation

### Gira Profile 55

Vertical and horizontal	156
Horizontal with centred cable feed with angled mounting bracket/base foot	157
Accessories	157
<hr/>	
System 55 central inserts and cover plates	10
Flush-mounted inserts and accessories	186

- 1 Aluminium, pure white lacquered
- 2 Aluminium



Gira Profile 55, aluminium

3  
3-gang with angled mounting bracket/base foot, equipped with hands-free feature home station and TFT colour display

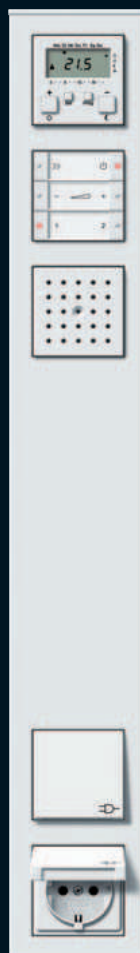
4  
5-gang/600, equipped with three socket outlets "British Standard" and Gira flush-mounted radio

5  
8-gang with angled mounting bracket/base foot, equipped with 5 SCHUKO socket outlets, Gira flush-mounted radio and control switch (central off) with inscription label

6  
5-gang/600, equipped with radio wall transmitter as panic switch, Gira flush-mounted radio and two chinese socket outlets

Gira Profile 55, aluminium, pure white lacquered

7  
5-gang/600, equipped with radio room temperature sensor, Gira flush-mounted radio and two SCHUKO socket outlets with hinged cover



Order no.	Packing unit	PS
-----------	--------------	----

**Profile 55**  
vertical and horizontal  
with side and rear cable feed



<b>1-gang</b>			
pure white	<b>1361 27</b>	1	17
colour aluminium	<b>1361 26</b>	1	17



<b>2-gang</b>			
pure white	<b>1362 27</b>	1	17
colour aluminium	<b>1362 26</b>	1	17



<b>3-gang</b>			
pure white	<b>1363 27</b>	1	17
colour aluminium	<b>1363 26</b>	1	17



<b>5-gang</b>			
pure white	<b>1364 27</b>	1	17
colour aluminium	<b>1364 26</b>	1	17



<b>5-gang 600 mm</b>			
pure white	<b>1365 27</b>	1	17
colour aluminium	<b>1365 26</b>	1	17

Order no.	Packing unit	PS
-----------	--------------	----



<b>8-gang</b>			
pure white	<b>1366 27</b>	1	17
colour aluminium	<b>1366 26</b>	1	17

Installation profile of aluminium for horizontal and vertical installation.

With cable and duct entry. Both flush-mounted and surface-mounted cable feeding is possible.

Simplified installation via clipping-in of inserts.

With System 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Dimensions:

1-gang	W x H x D 87 x 86 x 53 mm
2-gang	W x H x D 158 x 86 x 53 mm
3-gang	W x H x D 230 x 86 x 53 mm
5-gang	W x H x D 372 x 86 x 53 mm
5-gang 600 mm	W x H x D 587 x 86 x 53 mm
8-gang	W x H x D 587 x 86 x 53 mm



Order no.	Packing unit	PS
-----------	--------------	----

**Profile 55  
horizontal  
with centred cable feed**



2-gang			
pure white	1367 27	1	17
colour aluminium	1367 26	1	17



3-gang			
pure white	1368 27	1	17
colour aluminium	1368 26	1	17

Installation profile of aluminium for horizontal installation. With connection adapter for the duct entry. Cable feeding is centred surface-mounted via the longitudinal side of the installation profile.

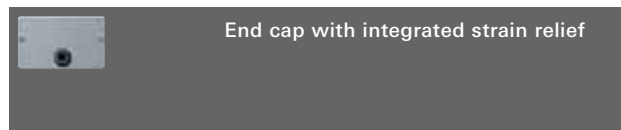
Simplified installation via clipping-in of inserts.

With System 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Dimensions:

2-gang	W x H x D 158 x 86 x 53 mm	
3-gang	W x H x D 230 x 86 x 53 mm	

**Profile 55  
Accessories**



End cap with integrated strain relief			
pure white	1358 27	1	17
grey	1358 28	1	17

Order no.	Packing unit	PS
-----------	--------------	----

**Profile 55  
with angled mounting bracket/base foot  
with rear cable feed**



2-gang			
pure white	1192 27	1	17
colour aluminium	1192 26	1	17



3-gang			
pure white	1193 27	1	17
colour aluminium	1193 26	1	17



5-gang			
pure white	1195 27	1	17
colour aluminium	1195 26	1	17



8-gang			
pure white	1198 27	1	17
colour aluminium	1198 26	1	17

Installation profile of aluminium.

With the angled mounting bracket/base foot, the Profile 55 can be installed both as a table-top housing and under hanging cabinets or in corners.

The cable feed is via the back of the aluminium profile.

Simplified installation via clipping-in of inserts.

With System 55, rocker switches, push buttons and SCHUKO socket outlets with hinged covers are generally protected from dripping water (IP 21) on the wall in conjunction with these housings. (Key switches and three-stage switches cannot be installed in this housing.)

Dimensions:

2-gang	W x H x D 158 x 107 x 107 mm	
3-gang	W x H x D 230 x 107 x 107 mm	
5-gang	W x H x D 587 x 107 x 107 mm	
8-gang	W x H x D 587 x 107 x 107 mm	

The modular function profile enables harmonious all-round solutions for electrical installation on the wall and combines different devices and functions in one attractive unit. The more than 200 functions of the Gira System 55 can be integrated in the modular function profile.

The module function profile can still be used trouble-free after renovating or moving.

Note: With the aid of a special mounting frame, the devices and equipped empty units can also be installed individually on the wall, both flush-mounted and surface-mounted.

**Dimensions**

**(H x W x D, mm)**

surface-mounted mounting frame:  
246 x 182 x 52  
5-gang installation profile:  
1206 x 182 x 68  
8-gang installation profile:  
1926 x 182 x 68  
10-gang installation profile:  
2406 x 182 x 68  
(each with module)

flush-mounted mounting frame  
(installation dimensions):  
252 x 194 x 64

**Material**

mounting frame:  
thermoplastic (ABS)  
installation profile:  
aluminium  
front panels:  
glass in mint  
blind cover plates:  
glass in mint

**Protection type**

IP 20

**Design awards**

red dot award 2003,  
Design Zentrum NRW

Plus X Award 2006




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Light

---

VideoTerminal

---

Blind cover plate  
1-gang

---

3-gang empty unit equipped with two push button sensors 2, 3-gang and automatic control switch

---

1-gang empty unit with SCHUKO socket outlet with child protection

# Gira modular function profile

## System 55

### Gira modular function profile

Installation profiles/ mounting frames	161
Modules	162
Blind cover plates	163
<hr/>	
System 55 central inserts and cover plates	10
Flush-mounted inserts and accessories	186

Single devices in surface-mounted mounting frame

- 1 Light
- 2 VideoTerminal
- 3 3-gang empty unit equipped with two push button sensors 2, 3-gang and automatic control switch



1



2

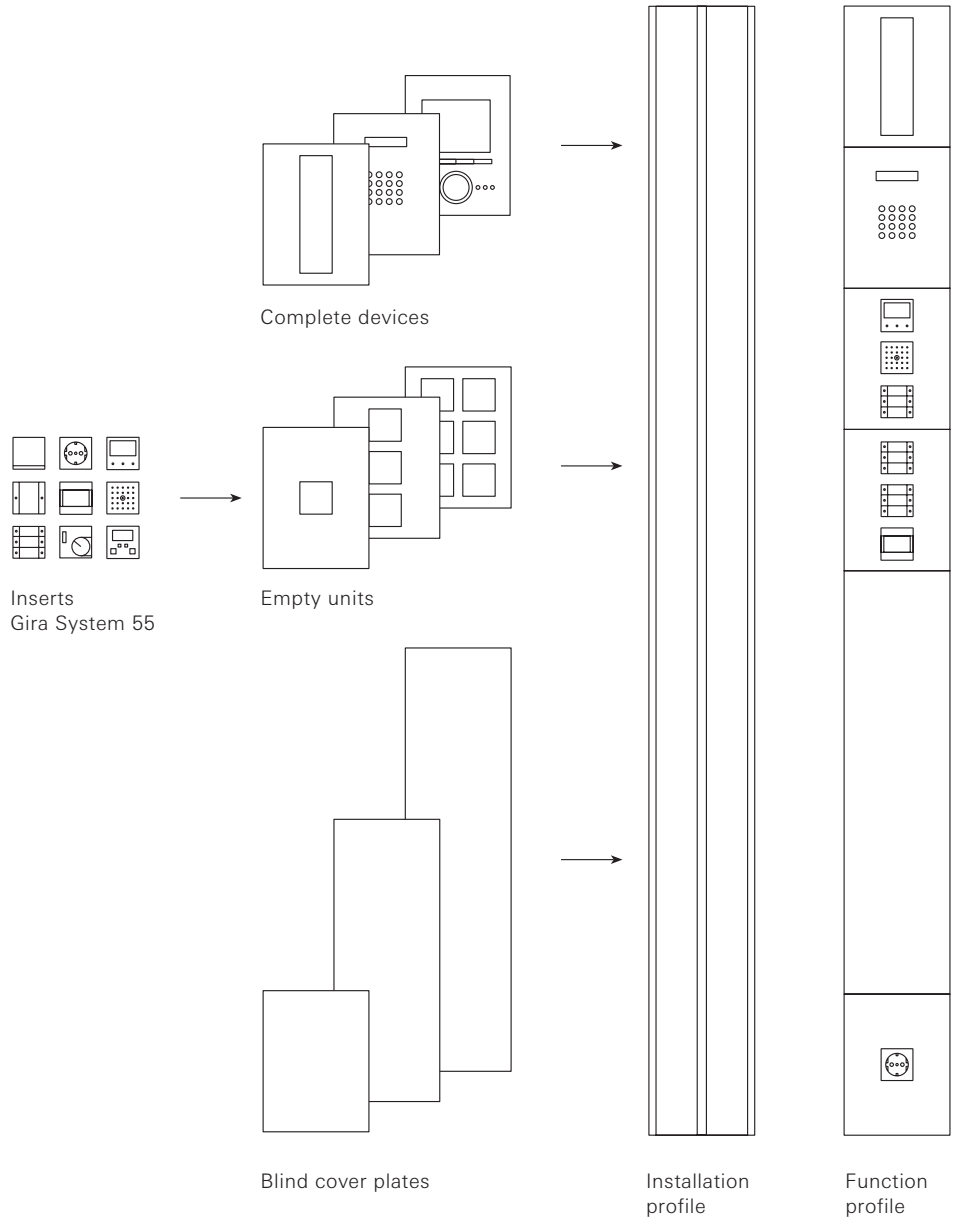


3

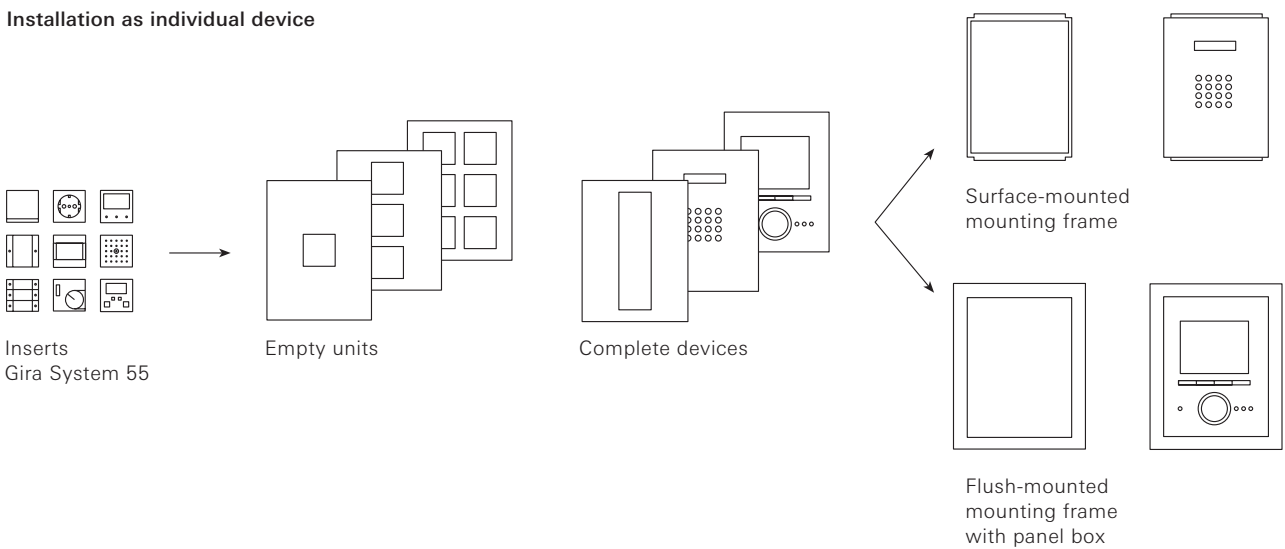


Mounting types

Installation in profile



Installation as individual device

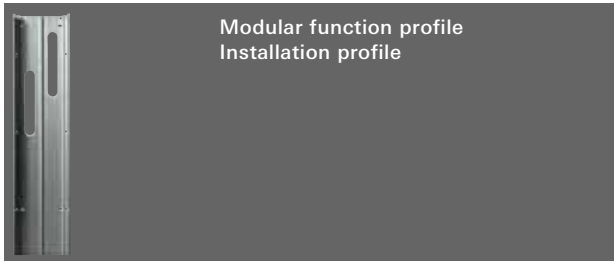




Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Installation profiles / mounting frames**



<b>for 5 modules</b> 1200 mm	<b>1371 00</b>	1	17
<b>for 8 modules</b> 1920 mm	<b>1372 00</b>	1	17
<b>for 10 modules</b> 2400 mm	<b>1373 00</b>	1	17

Installation profile made of aluminium. The installation profile of the modular function profile is attached to the wall and holds the individual modules.

The installation profile is available in three lengths:

- 1200 mm (for 5 modules)  
Preferable for expansion installation from upper edge of door to switch height or from base strip to switch height (made accessible, for example, via base strip or junction box)
- 1920 mm (for 8 modules)  
Preferable for installation next to front door (e.g. made accessible via junction box)
- 2400 mm (for 10 modules)  
Preferable for installation next to door (e.g. made accessible via junction box)

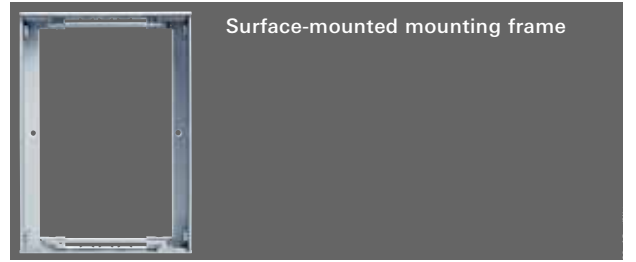
Access is possible through existing flush-mounted boxes (e.g. switches or socket outlets) via rear openings in the installation profile.

Any required electrical isolation of mains and low voltage is implemented with bulkheads included with the respective modules.

Dimensions:

Without modules:	W x H x D 176 x 1200 x 60 mm
	W x H x D 176 x 1920 x 60 mm
	W x H x D 176 x 2400 x 60 mm
With modules:	W x H x D 182 x 1206 x 68 mm
	W x H x D 182 x 1926 x 68 mm
	W x H x D 182 x 2406 x 68 mm

**VideoTerminal 2600 .. → Page 270.**  
**Radio controller 0358 18 → Page 384.**  
**Light 1377 18 → Page 162.**  
**Device units 1381 18, 1383 18, 1386 18 → Page 162.**



<b>1251 04</b>	1	02
----------------	---	----

Mounting frames made of shatter-proof thermoplastic for surface-mounted installation of individual modules from the modular function profile system. Using the mounting frames, the modules can be installed individually on the wall. It is also possible to combine several mounting frames with one another.

Dimensions:

Without module:	W x H x D 176 x 246 x 52 mm
With module:	W x H x D 182 x 246 x 52 mm

**VideoTerminal 2600 .. → Page 270.**  
**Radio controller 0358 18 → Page 384.**  
**Light 1377 18 → Page 162.**  
**Device units 1381 18, 1383 18, 1386 18 → Page 162.**



<b>1252 04</b>	1	02
----------------	---	----

Mounting frames made of diecast zinc with a device box of shatter-proof thermoplastic for flush-mounted installation of individual modules from modular function profile system. Using the flush-mounted mounting frames, the modules can be installed individually both in hollow walls and in masonry. It is also possible to combine several mounting frames horizontally or vertically with one another.

Installation dimensions: W x H x D 194 x 252 x 64 mm

**VideoTerminal 2600 .. → Page 270.**  
**Radio controller 0358 18 → Page 384.**  
**Light 1377 18 → Page 162.**  
**Device units 1381 18, 1383 18, 1386 18 → Page 162.**

Order no.	Packing unit	PS
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**Modules**



Gira VideoTerminal

Mint glass	<b>2600 18</b>	1	10
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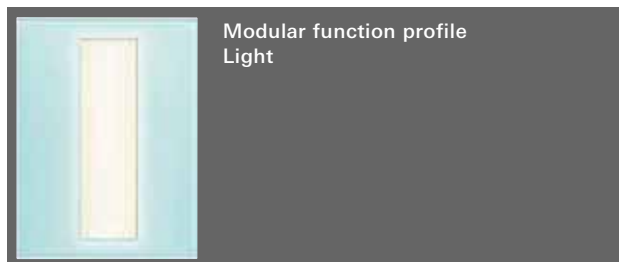
Functional description → Page 270.



Radio controller

Mint glass	<b>0358 18</b>	1	02
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Functional description → Page 384.



Modular function profile Light

Mint glass	<b>1377 18</b>	1	17
------------	----------------	---	----

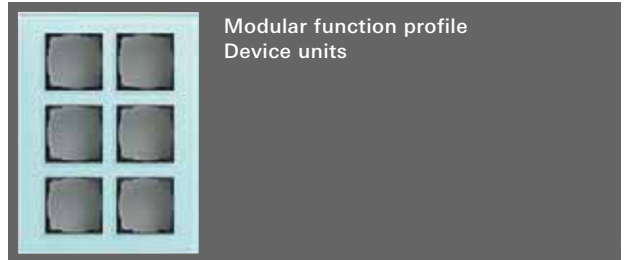
Light for integration in the modular function profile. The light is installed either in the mounting frame **1251 04** or in the module function profile **1371 00, 1372 00, 1373 00**. A 9 W compact fluorescent lamp with a G7 socket (e.g. Osram Dulux S/E 9 W/21-840) serves as a light.

Dimensions: W x H x D 182 x 240 x 52 mm

Installation profile **1371 00, 1372 00, 1373 00** → Page 161.

Mounting frame, surface-mounted **1251 04**, flush-mounted **1252 04** → Page 161.

Order no.	Packing unit	PS
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Modular function profile Device units

<b>1-gang</b> Mint glass	<b>1381 18</b>	1	17
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<b>3-gang</b> Mint glass	<b>1383 18</b>	1	17
-----------------------------	----------------	---	----

<b>6-gang</b> Mint glass	<b>1386 18</b>	1	17
-----------------------------	----------------	---	----

Device unit for integration in the modular function profile. Via the device unit, all functions from System 55 can be integrated in the modular function profile. The device units are available in three different versions:

- 1-gang
- 3-gang
- 6-gang

Any required electrical isolation of mains and low voltage can be implemented with the device panel boxes included.

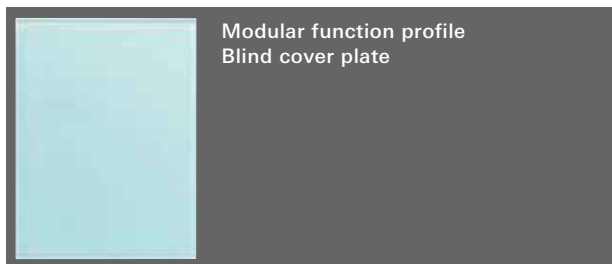
Dimensions: W x H x D 182 x 240 x 52 mm  
W x H x D 182 x 480 x 52 mm  
W x H x D 182 x 720 x 52 mm

System 55 Central inserts and cover plates → Page 12.

Installation profile **1371 00, 1372 00, 1373 00** → Page 161.

Order no.	Packing unit	PS	Order no.	Packing unit	PS
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## Blind cover plates



<b>1-gang</b>			
Mint glass	<b>1374 18</b>	1	17
<b>2-gang</b>			
Mint glass	<b>1375 18</b>	1	17
<b>3-gang</b>			
Mint glass	<b>1376 18</b>	1	17

Glass blind cover plate for integration into the modular function profile.

The distances between the modules in the installation profile required for operation are bridged with the blind cover plate. The blind cover plates are available in three modular lengths, i.e. for:

- 1 module unit
- 2 module units
- 3 module units

Dimensions:

- W x H 182 x 240 mm
- W x H 182 x 480 mm
- W x H 182 x 720 mm

Installation profile 1371 00, 1372 00, 1373 00 → Page 161.

### Gira TX\_44

For water-protected installation in damp rooms and outdoors, the Gira TX\_44 switch range can be installed as water-protected according to the protection type IP 44.

Gira TX\_44 is an extraordinarily rugged switch range. It's shock-resistant and shatter-proof, and with theft-protected installation it's especially well-suited for use in public buildings.

The functions from the Gira TX\_44 switch range can be integrated in the Gira energy and light profiles (Page 177). With an intermediate plate it is also possible to integrate inserts from the Gira System 55, for both data connection technology and bus technology.

The TX\_44 serves as the switch range for the Gira door station in the Gira door communication system. It is also suitable for integration of the Gira Keyless In products. They provide convenient and secure access control for indoor and outdoor applications. All Keyless In functions can also be used as standalone functions, e.g. at individual doors or gates.

### Cover frames

suitable for vertical and horizontal installation, theft-proof due to installation with Torx screws; increased theft protection when Tri-Wing screws are used

### Dimensions

#### (H x W, mm)

1-gang: 86.0 x 110.0  
2-gang: 157.0 x 110.0  
3-gang: 229.0 x 110.0  
4-gang: 300.5 x 110.0  
corner radius: R = 0.5

### Material

thermoplastic (ASA), shock-resistant and shatter-proof, impervious to thrown balls, halogen-free, UV-resistant, weather-resistant, microbiologically safe

behaviour under chemical loading according to German standard DIN 68861, load group 1b (for the variants anthracite and aluminium)

### Colours

pure white (similar to RAL 9010), anthracite (lacquered), colour aluminium (lacquered)

### Protection type

IP 44, IP 20

### Design

Phoenix Design, Stuttgart

Gira TX\_44, colour aluminium Keyless In

- 1 Keypad
- 2 Transponder



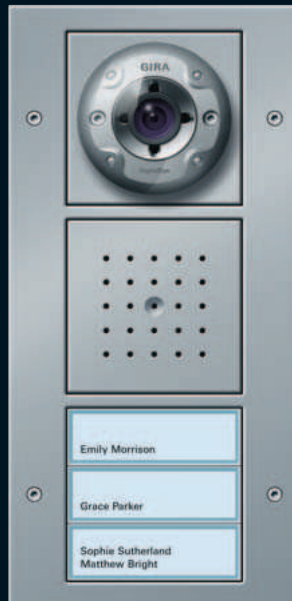
1



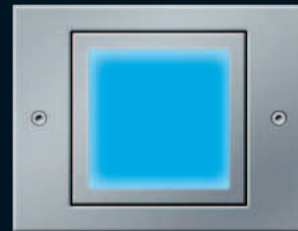
2



6



7



8

# Water-protected flush-mounted IP 44

## Gira TX\_44

### Water-protected flush-mounted IP 44

#### Gira TX\_44

Push switches	166
Switches and push buttons	167
Socket outlets	168
Dimmers	169
Automatic light	169
LED illumination	170
Blind controller	170
Time switch	170
Door communication system	171
Keyless In	172
Communication technology	172
Other	173
Cover frames	174

#### Integration System 55 in Gira TX\_44

429

#### Switch ranges

#### Flush-mounted IP 44

175

Flush-mounted inserts and accessories

186

Gira TX\_44

- 3 Pure white
- 4 Colour aluminium
- 5 Anthracite



3



4



5

Gira TX\_44,  
colour aluminium

6  
Keyless In Fingerprint

7  
Door station with loudspeaker,  
3-gang call button and  
colour camera

8  
LED orientation light

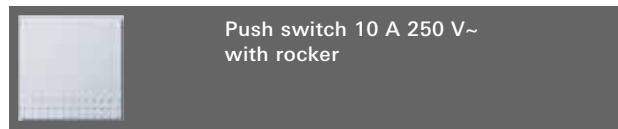
9  
2-gang combination  
Push switch/SCHUKO socket  
outlet with child protection  
and hinged cover



9

Order no.	Packing unit	PS
-----------	--------------	----

## Push switches

Push switch 10 A 250 V~  
with rocker**Universal off/2-way switch**

pure white	<b>0126 66</b>	1/5	13
anthracite	<b>0126 67</b>	1/5	13
colour aluminium	<b>0126 65</b>	1/5	13

**Intermediate switch**

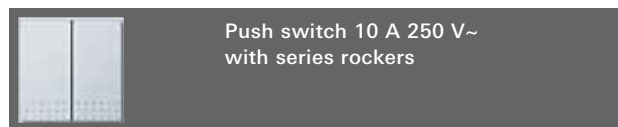
pure white	<b>0127 66</b>	1/5	13
anthracite	<b>0127 67</b>	1/5	13
colour aluminium	<b>0127 65</b>	1/5	13

With touch-activation operation.

If this switch is to be illuminated according to the workplace ordinance, please provide it with a control switch.

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

**Acoustic element with illumination 0935 00 → Page 205.**

Push switch 10 A 250 V~  
with series rockers**Series switch**

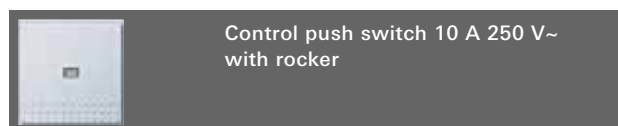
pure white	<b>0125 66</b>	1/5	13
anthracite	<b>0125 67</b>	1/5	13
colour aluminium	<b>0125 65</b>	1/5	13

**Double 2-way switch**

pure white	<b>0128 66</b>	1	13
anthracite	<b>0128 67</b>	1	13
colour aluminium	<b>0128 65</b>	1	13

With touch-activation operation.

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Control push switch 10 A 250 V~  
with rocker**Universal off/2-way switch**

pure white	<b>0136 66</b>	1/5	13
anthracite	<b>0136 67</b>	1/5	13
colour aluminium	<b>0136 65</b>	1/5	13

**Circuit breaker 2-pole**

pure white	<b>0122 66</b>	1/5	13
anthracite	<b>0122 67</b>	1/5	13
colour aluminium	<b>0122 65</b>	1/5	13

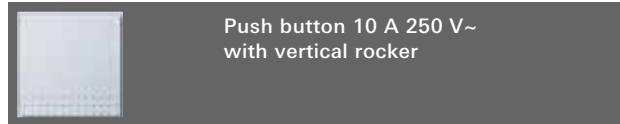
With touch-activation operation. With neon lamp element.

Can also be connected with illumination in compliance with the workplace ordinance.

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

**Replacement neon lamp element 0997 00 → Page 204.**

Order no.	Packing unit	PS
-----------	--------------	----

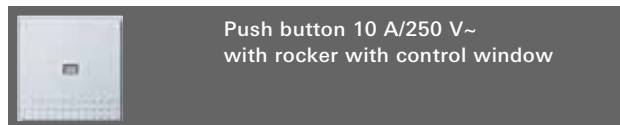
Push button 10 A 250 V~  
with vertical rocker**2-way switch, 1-pole**

pure white	<b>0130 66</b>	1/5	13
anthracite	<b>0130 67</b>	1/5	13
colour aluminium	<b>0130 65</b>	1/5	13

Fits the push switches via vertical rocker positioning. With touch-activation operation.

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

**Acoustic element with illumination 0935 00 → Page 205.**

Push button 10 A/250 V~  
with rocker with control window**2-way switch, 1-pole**

pure white	<b>0120 66</b>	1/5	13
anthracite	<b>0120 67</b>	1/5	13
colour aluminium	<b>0120 65</b>	1/5	13

Fits the push switches via vertical rocker positioning. With touch-activation operation.

Can also be connected with illumination in compliance with the workplace ordinance.

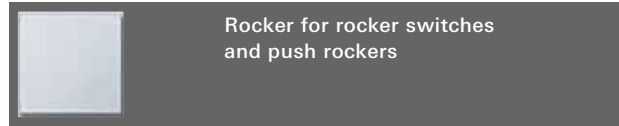
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

**Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.**  
**Acoustic element with illumination 0935 00 → Page 205.**

Order no.	Packing unit	PS
-----------	--------------	----

**Cover plates for switches and push buttons**

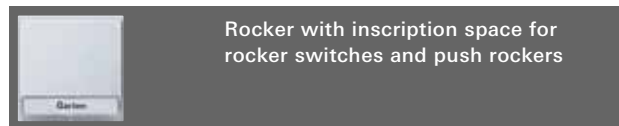
The following cover plates and rockers are supplied without inserts. Please order separately from → Page 191.



Rocker for rocker switches and push rockers

pure white	0296 66	5	13
anthracite	0296 67	1	13
colour aluminium	0296 65	5	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary. Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.



Rocker with inscription space for rocker switches and push rockers

pure white	0676 66	1	13
anthracite	0676 67	1	13
colour aluminium	0676 65	1	13

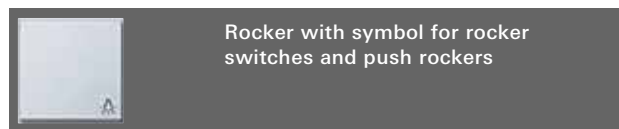
Neutral inscription label is included. Inscription labels with „light“, „bell“ and „door“ symbols are included.

Height of inscription label: 12 mm.

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Inscription sheets 1450 00 → Page 208.



Rocker with symbol for rocker switches and push rockers

**Light**

pure white	0285 66	1	13
anthracite	0285 67	1	13
colour aluminium	0285 65	1	13

**Bell**

pure white	0286 66	1	13
anthracite	0286 67	1	13
colour aluminium	0286 65	1	13

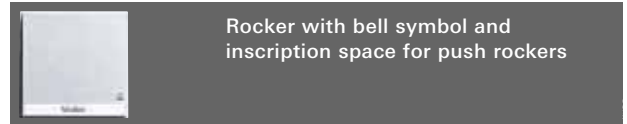
**Door**

pure white	0287 66	1	13
anthracite	0287 67	1	13
colour aluminium	0287 65	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.

Order no.	Packing unit	PS
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Rocker with bell symbol and inscription space for push rockers

**Bell**

pure white	0673 66	1	13
anthracite	0673 67	1	13
colour aluminium	0673 65	1	13

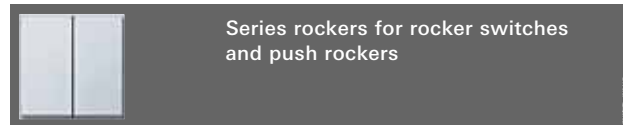
Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Neutral inscription label is included.

Height of the inscription label: 12 mm

Inserts 0150 00, 0151 00, 0152 00, 0156 00 → Page 192.

Inscription sheets 1450 00 → Page 208.

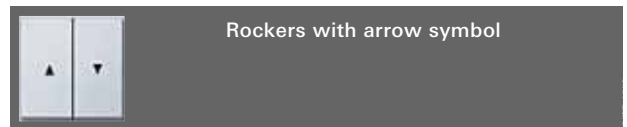


Series rockers for rocker switches and push rockers

pure white	0295 66	1	13
anthracite	0295 67	1	13
colour aluminium	0295 65	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

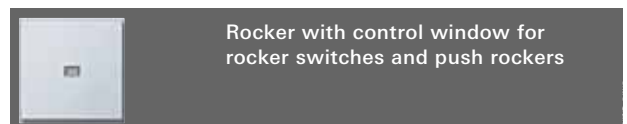
Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 191.



Rockers with arrow symbol

pure white	0294 66	1	13
anthracite	0294 67	1	13
colour aluminium	0294 65	1	13

Blind button/switch inserts 0158 00, 0159 00 → Page 193.

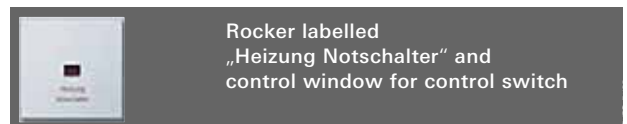


Rocker with control window for rocker switches and push rockers

pure white	0290 66	5	13
anthracite	0290 67	1	13
colour aluminium	0290 65	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Inserts 0102 00, 0106 00, 0107 00, 0112 00, 0116 00, 0150 00, 0151 00, 0152 00, 0156 00 → Page 191.



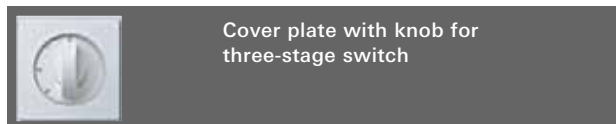
Rocker labelled „Heizung Notschalter“ and control window for control switch

pure white	0678 66	1	13
anthracite	0678 67	1	13
colour aluminium	0678 65	1	13

Theft-prevention implemented via optional screw-down clamp piece. This makes plugging of cover frame unnecessary.

Control switch inserts 0112 00, 0116 00 → Page 191.

Order no.	Packing unit	PS
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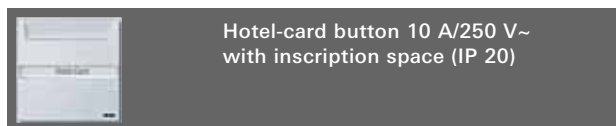


Cover plate with knob for three-stage switch

**with zero setting**

pure white	0669 66	1	13
anthracite	0669 67	1	13
colour aluminium	0669 65	1	13

Three-stage switch insert 0149 00 → Page 192.



Hotel-card button 10 A/250 V~ with inscription space (IP 20)

**2-way switch, 1-pole**

pure white	0140 66	1	13
anthracite	0140 67	1	13
colour aluminium	0140 65	1	13

**Not suitable for humid room installation, due to protection type IP 20.**

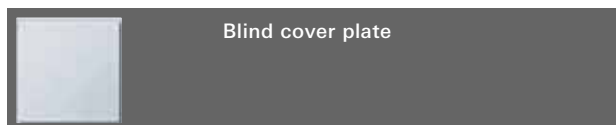
The hotel-card button with removal protection can, for example, assume safety or energy-saving functions. When the hotel-card is removed, any devices which are still switched on are deactivated. The circuit is only activated via the push button once the card has been inserted.

During installation, the sealing flange of the cover frame must also be used.

Colour pure white: lacquered plastic

**Additional models available on request.**

**Inscription sheets 1457 00 → Page 208.**



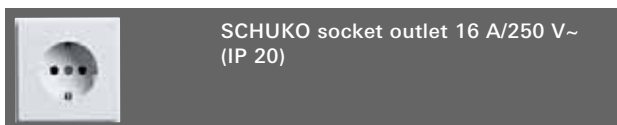
Blind cover plate

pure white	0268 66	5	13
anthracite	0268 67	1	13
colour aluminium	0268 65	5	13

If used with cover frame, 1-gang 0211 65/66/67, the cover frame must be plugged.

Order no.	Packing unit	PS
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**Socket outlets**



SCHUKO socket outlet 16 A/250 V~ (IP 20)

pure white	0188 66	1/5	13
anthracite	0188 67	1/5	13
colour aluminium	0188 65	1/5	13

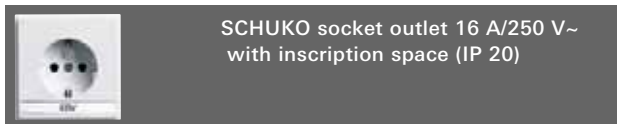
**with child protection and ⚠ symbol<sup>1)</sup>**

pure white	0453 66	1/5	13
anthracite	0453 67	1/5	13
colour aluminium	0453 65	1/5	13

**Not for installation in humid rooms, due to protection type IP 20.**

During installation, the sealing flange of the cover frame must be used.

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



SCHUKO socket outlet 16 A/250 V~ with inscription space (IP 20)

**with child protection and ⚠ symbol<sup>1)</sup>**

pure white	0462 66	1/5	13
anthracite	0462 67	1/5	13
colour aluminium	0462 65	1/5	13

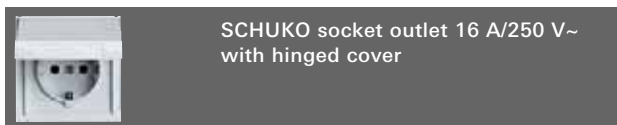
**Not for installation in humid rooms, due to protection type IP 20.**

During installation, the sealing flange of the cover frame must be used.

Height of inscription label: 12 mm

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.

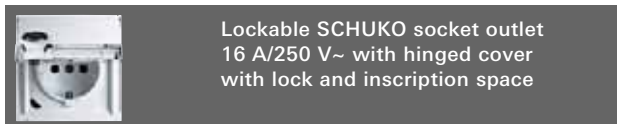
**Inscription sheets 1457 00 → Page 208.**



SCHUKO socket outlet 16 A/250 V~ with hinged cover

pure white	0454 66	1/5	13
anthracite	0454 67	1/5	13
colour aluminium	0454 65	1/5	13

Important! No child protection Observe installation regulations.



Lockable SCHUKO socket outlet 16 A/250 V~ with hinged cover with lock and inscription space

**Sorted closures**

pure white	0447 66	1	13
anthracite	0447 67	1	13
colour aluminium	0447 65	1	13

**With the same closures**


pure white	0449 66	1	13
anthracite	0449 67	1	13
colour aluminium	0449 65	1	13

With two keys.

Height of the inscription label: 12 mm

**Inscription sheets 1450 00 → Page 208.**



	Order no.	Packing unit	PS
	<b>SCHUKO socket outlet 16 A/250 V~ with hinged cover and inscription space</b>		
pure white	<b>0410 66</b>	1/5	13
anthracite	<b>0410 67</b>	1/5	13
colour aluminium	<b>0410 65</b>	1/5	13

Height of the inscription label: 12 mm

Inscription sheets 1451 00 → Page 208.

	<b>RDC protection socket, 30 mA with full cover plate for individual installation</b>		
<b>with child protection and ⓘ symbol<sup>1)</sup></b>			
pure white	<b>0477 39</b>	1	03

SCHUKO socket outlet with integrated FI (fault current) release principle pursuant to **DIN VDE 0664** for the detection of earth-bound fault currents. Stationary protection device with voltage-independent function.

Additional SCHUKO socket outlets can be connected to the connection wires, which are then included in the fault current protection.

Fit in any common 60 mm flush-mounted wall box.

Rated voltage: 230 V~ (AC)

Rated current: 16 A

Rated fault current: 30 mA


Ambient temperature: -25 °C to +40 °C

Connection cross section: 1.5 to 2.5 mm<sup>2</sup>

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



## Dimmers

	<b>System 2000 top unit for switching and dimming (touch dimmer cover plate)</b>		
pure white	<b>0655 66</b>	1/5	02
anthracite	<b>0655 67</b>	1/5	02
colour aluminium	<b>0655 65</b>	1/5	02

Top unit with short-stroke button for use with System 2000. The top unit works based on the 2-surface principle, i.e. there is an upper and lower rocker half used for controlling the insert.

With touch-activation operation.

Operating temperature: -20 °C to +45 °C

**System 2000 universal dimming insert 0305 00 → Page 194.**

**System 2000 LV dimmer insert 0331 00 → Page 194.**

**System 2000 1–10 V control device insert**

**0860 00 → Page 195.**

**System 2000 Tronic switch insert (only switching here)**

**0866 00 → Page 195.**

**System 2000 Triac switch insert (only switching here)**

**0854 00 → Page 196.**

**System 2000 relay insert (only switching here)**

**0853 00 → Page 196.**

**System 2000 relay insert, zero-voltage (only switching here)**

**1148 00 → Page 197.**


**System 2000 HLK relay insert (only switching here)**

**0303 00 → Page 197.**

**System 2000 impulse insert 0336 00 → Page 198.**

**System 2000 auxiliary insert 0333 00 → Page 198.**

## Automatic light

	<b>System 2000 Top unit automatic control switches</b>		
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### Standard top unit


pure white	<b>1300 66</b>	1/5	02
anthracite	<b>1300 67</b>	1/5	02
colour aluminium	<b>1300 65</b>	1/5	02

### Comfort top unit

pure white	<b>0661 66</b>	1	02
anthracite	<b>0661 67</b>	1	02
colour aluminium	<b>0661 65</b>	1	02

Functional description of standard top unit → Page 226.

Functional description of comfort top unit → Page 226.

	<b>System 2000 Top unit automatic control switch for high installation areas</b>		
---	--	--	--

### Standard top unit

pure white	<b>1301 66</b>	1/5	02
anthracite	<b>1301 67</b>	1/5	02
colour aluminium	<b>1301 65</b>	1/5	02

### Comfort top unit

pure white	<b>0671 66</b>	1	02
anthracite	<b>0671 67</b>	1	02
colour aluminium	<b>0671 65</b>	1	02

Functional description of standard top unit for high installation areas → Page 227.

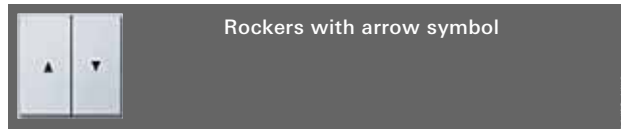
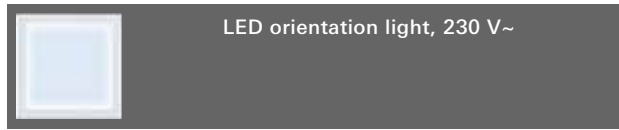
Functional description of comfort top unit for high installation areas → Page 227.

Order no.	Packing unit	PS
-----------	--------------	----

Order no.	Packing unit	PS
-----------	--------------	----

**LED illumination**

**Blind controller**



**White LED illumination**

pure white	1161 66	1/5	13
anthracite	1161 67	1/5	13
colour aluminium	1161 65	1/5	13

pure white	0294 66	1	13
anthracite	0294 67	1	13
colour aluminium	0294 65	1	13

**Blue LED illumination**

pure white	1162 66	1/5	13
anthracite	1162 67	1/5	13
colour aluminium	1162 65	1/5	13

Blind button/switch inserts 0158 00, 0159 00 → Page 193.



**Orange LED illumination**

pure white	1159 66	1/5	13
anthracite	1159 67	1/5	13
colour aluminium	1159 65	1/5	13

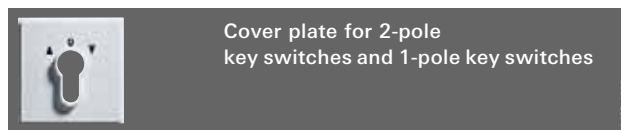
pure white	0666 66	1	13
anthracite	0666 67	1	13
colour aluminium	0666 65	1	13

LED orientation light for private and commercial use. The orientation light can be used, for example, to illuminate stairs, as an orientation guide in dark halls or as accent lighting on building walls. Either white, blue or orange LEDs are used as the light source, depending on the model. The LEDs require very little power and have a very long service life. The device is installed via a light outlet box or a normal flush-mounted panel box. For water-protected installation (IP 44), the orientation light must be installed in a flush-mounted panel box with a sealing ring (included in the scope of supply of the TX\_44 cover frame).

This cover plate can be used universally via replacement of the accompanying symbol plates for blind (▲, ▼) and time (15 min, 120 min).

- Power supply: 230 V AC, 50 Hz
- Power consumption: 0.85 W/5.6 VA
- Light intensity: 0.8 cd (white)  
0.3 cd (blue)  
0.4 cd (orange)
- Protection type: IP 44 for installation with sealing ring in a flush-mounted panel box
- Operating temperature: -15 °C to +50 °C

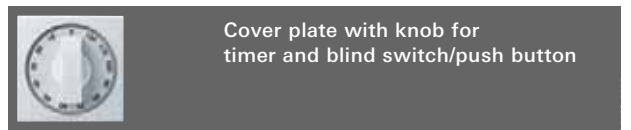
Blind button/switch inserts 0154 00, 0157 00 → Page 193.  
Timer inserts 0320 00, 0321 00 → Page 193.



pure white	0664 66	1	02
anthracite	0664 67	1	02
colour aluminium	0664 65	1	02

Key switch inserts 0144 00, 0163 00 → Page 193.  
Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207.

**Time switch**



pure white	0666 66	1	13
anthracite	0666 67	1	13
colour aluminium	0666 65	1	13

This cover plate can be used universally via replacement of the accompanying symbol plates for time (15 min, 120 min) and blind (▲, ▼).

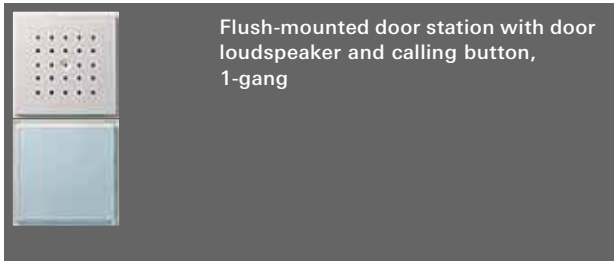
Timer inserts 0320 00, 0321 00 → Page 193.  
Blind button/switch inserts 0154 00, 0157 00 → Page 193.



Water-protected flush mounted (IP 44)/TX\_44

Order no.	Packing unit	PS
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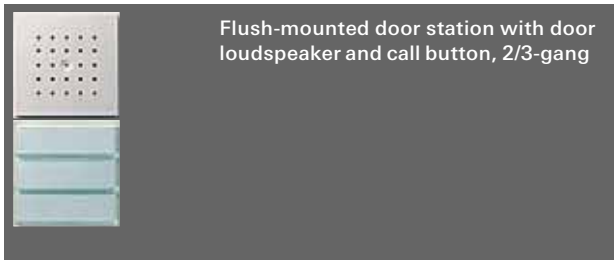
**Door communication system**



Flush-mounted door station with door loudspeaker and calling button, 1-gang

White LED call button illumination			
pure white	1260 66	1	18
anthracite	1260 67	1	18
colour aluminium	1260 65	1	18
Blue LED call button illumination			
pure white	1271 66	1	18
anthracite	1271 67	1	18
colour aluminium	1271 65	1	18

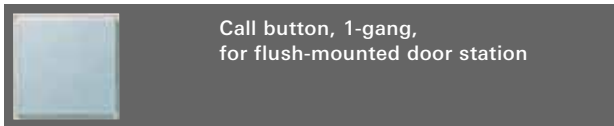
Additional products in door communication system and functional description → Page 252.



Flush-mounted door station with door loudspeaker and call button, 2/3-gang

White LED call button illumination			
pure white	1261 66	1	18
anthracite	1261 67	1	18
colour aluminium	1261 65	1	18
Blue LED call button illumination			
pure white	1272 66	1	18
anthracite	1272 67	1	18
colour aluminium	1272 65	1	18

Additional products in door communication system and functional description → Page 253.

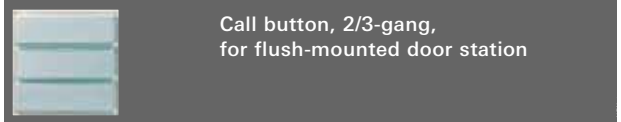


Call button, 1-gang, for flush-mounted door station

White LED call button illumination			
Neutral	1262 00	1	18
Blue LED call button illumination			
Neutral	1293 00	1	18

Additional products in door communication system and functional description → Page 254.

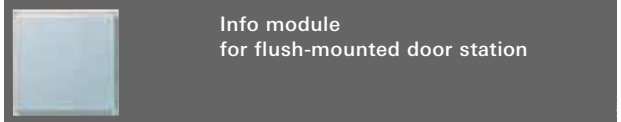
Order no.	Packing unit	PS
-----------	--------------	----



Call button, 2/3-gang, for flush-mounted door station

White LED call button illumination			
Neutral	1263 00	1	18
Blue LED call button illumination			
Neutral	1294 00	1	18

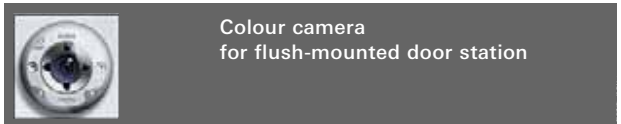
Additional products in door communication system and functional description → Page 254.



Info module for flush-mounted door station

White LED illumination			
Neutral	1264 00	1	18
Blue LED illumination			
Neutral	1295 00	1	18

Additional products in door communication system and functional description → Page 255.



Colour camera for flush-mounted door station

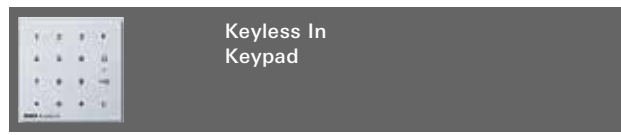
pure white	1265 66	1	10
anthracite	1265 67	1	10
colour aluminium	1265 65	1	10

Additional products in door communication system and functional description → Page 256.

Order no.	Packing unit	PS
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**Keyless In**

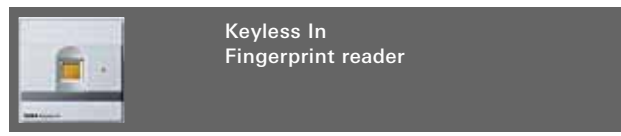
As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

pure white	2605 66	1	10
anthracite	2605 67	1	10
colour aluminium	2605 65	1	10

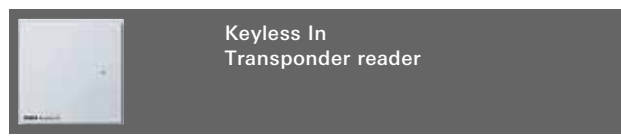
For use as a separate device or in the Gira door communication system. Functional description → Page 280.



Keyless In Fingerprint reader

pure white	2607 66	1	10
anthracite	2607 67	1	10
colour aluminium	2607 65	1	10

For use as a separate device or in the Gira door communication system. Functional description → Page 281.



Keyless In Transponder reader

<b>System 55</b>			
pure white	2606 66	1	10
anthracite	2606 67	1	10
colour aluminium	2606 65	1	10

<b>Programming card</b>			
yellow/grey	2608 00	1	10

<b>Transponder key active</b>			
black	2609 00	1	10

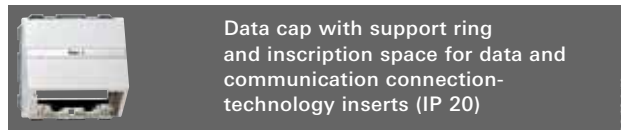
<b>Transponder card passive</b>			
black/silver	2611 00	1	18

For use as a separate device or in the Gira door communication system. Functional description → Page 282.

Order no.	Packing unit	PS
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**Communication Technology**

When combining IP 44 products with IP 20 products, the entire product has a protection level of IP 20.



Data cap with support ring and inscription space for data and communication connection-technology inserts (IP 20)

pure white	0870 66	1/5	13
anthracite	0870 67	1/5	13
colour aluminium	0870 65	1/5	13

Not for installation in humid rooms, due to protection type IP 20.

For screw attachment only.  
For vertical and 30° tilted socket outlet.  
Colour pure white: lacquered plastic

Inscription sheets 1457 00 → Page 208.



Attachable covering cap for device with cover plate (50 x 50 mm) and angled socket outlet (IP 20)

pure white	0682 66	1/5	13
anthracite	0682 67	1/5	13
colour aluminium	0682 65	1/5	13

Not for installation in humid rooms, due to protection type IP 20.


With covering cap and cover frame (1 to 5-gang), devices of other manufacturers with a square central plate (50 x 50 mm), e.g. Alcatel, AMP Econo Link System, Brand-Rex, BTR, Kannegieter BICC Brand Rex, Krone, Molex, Reichle de Massari, Rutenbeck, Schumann Netzwerktechnik RJ 45 connection box Cat.5 BICC, Siemens ICCS 100 and 300, Telegärtner, Telenorma, TKM, Quante, Panduit (2-gang MSCSP 2) etc. can be integrated in TX\_44.  
Colour pure white: lacquered plastic

Cover plate for UAE/IAE (ISDN) 0270 .., 0284 .. → Page 37.

Water-protected flush mounted (IP 44)/TX\_44

Order no.	Packing unit	PS
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**Other**



**Intermediate plate with hinged cover**

pure white	<b>0654 66</b>	5	13
anthracite	<b>0654 67</b>	1	13
colour aluminium	<b>0654 65</b>	5	13


For integration of the plug-and-socket outlets from System 55, such as TAE, UAE, loudspeaker, SCHUKO socket outlets with child protection, SV, ZSV, WSV etc.

**Suitable for:**

**all SCHUKO socket outlets from System 55**

**(Exception:**

**SCHUKO socket outlet with hinged cover, RCD protection socket outlet) and other plug-and-socket outlets from System 55 according to the overview**



**Intermediate plate with hinged cover and inscription space**

pure white	<b>0680 66</b>	1	13
anthracite	<b>0680 67</b>	1	13
colour aluminium	<b>0680 65</b>	1	13

Height of the inscription label: 12 mm.

For integration of the plug-and-socket outlets from System 55, such as TAE, UAE, loudspeaker, SCHUKO outlets with child protection, SV, ZSV, WSV etc.


**Suitable for:**

**all SCHUKO socket outlets from System 55**

**(Exception:**

**SCHUKO socket outlet with hinged cover, RCD protection socket outlet) and other plug-and-socket outlets from System 55 according to the overview**

**Inscription sheets 1451 00 → Page 208.**



**Lockable intermediate plate with hinged cover with lock and inscription space**

**sorted closures**

pure white	<b>0694 66</b>	1	13
anthracite	<b>0694 67</b>	1	13
colour aluminium	<b>0694 65</b>	1	13

**with the same closures**

pure white	<b>0697 66</b>	1	13
anthracite	<b>0697 67</b>	1	13
colour aluminium	<b>0697 65</b>	1	13

Height of the inscription label: 12 mm.

For integration of the plug-and-socket outlets from System 55, such as TAE, UAE, loudspeaker, SCHUKO outlets with child protection, SV, ZSV, WSV etc.

**Suitable for:**


**all SCHUKO socket outlets from System 55**

**(Exception:**

**SCHUKO socket outlet with hinged cover, RCD protection socket outlet) and other plug-and-socket outlets from System 55 according to the overview**

**Inscription sheets 1450 00 → Page 208.**

Order no.	Packing unit	PS
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**Intermediate plate with transparent hinged cover**


pure white	<b>0409 66</b>	1	13
anthracite	<b>0409 67</b>	1	13
colour aluminium	<b>0409 65</b>	1	13

For integration of the electronic devices from System 55, e.g. blind controller, time delay switch, push button sensor, push button sensor 2 etc.

**Note temperature range of electronic inserts if installed outdoors.**

**Fits:**

**electronic devices from System 55 according to the overview**




**Intermediate plate with square cut-out (55 x 55 mm) (IP 20)**

pure white	<b>0289 66</b>	1	13
anthracite	<b>0289 67</b>	1	13
colour aluminium	<b>0289 65</b>	5	13

**Not suitable for installation in humid rooms, due to protection type IP 20.**

Using this intermediate plate and cover frame (1 to 4-gang), products from System 55 can be integrated into TX\_44. (hotel-card button, RCD (residual-current device) protection socket outlet, data interface, data cap, attachable covering cap, home station Standard with receiver cannot be integrated with this intermediate plate.)



**Attachable covering cap with intermediate plate (55 x 55 mm) (IP 20) for e.g. plug-and-socket outlets of System 55**


pure white	<b>1163 66</b>	1/5	13
anthracite	<b>1163 67</b>	1/5	13
colour aluminium	<b>1163 65</b>	1/5	13

**Not for installation in humid rooms, due to protection type IP 20.**

Using this covering cap with intermediate plate (55 x 55 mm) and cover frame (1 to 4-gang), plug-and-socket outlets from System 55 can be integrated into TX\_44. Using the intermediate plate with a square cut-out (50 x 50 mm) **0282 ..**, devices from other manufacturers can also be integrated.

**Sampling the products is highly recommended.**

**Intermediate plate 0282 .. → Page 35.**



**Blind cover plate**

pure white	<b>0268 66</b>	5	13
anthracite	<b>0268 67</b>	1	13
colour aluminium	<b>0268 65</b>	5	13

If used with cover frame, 1-gang **0211 65/66/67**, the cover frame must be plugged.

Order no.	Packing unit	PS
<b>Torx screw set</b>		
1402 00	1	09

Scope of supply: 30 screws  
Fit Torx screwdrivers T9 and T10.

**Cover frames TX\_44, 1 to 4-gang,**  
0211 65/66/67 to 0214 65/66/67 → Page 174.

Order no.	Packing unit	PS
<b>Screw set for clamp piece</b>		
1403 00	1	09

Scope of supply: 30 screws  
For screwing in the clamp pieces of push switch, rocker switch and push rocker cover plates of Gira TX\_44. This makes plugging of cover frame unnecessary.

**TX\_44 push switches from → Page 166.**  
**TX\_44 cover plates for switches and push buttons from → Page 167.**

Order no.	Packing unit	PS
<b>Tri-Wing screw set</b>		
1407 00	1	09

Tri-Wing screw set for increased theft protection.  
Scope of supply: 30 screws.  
Fit Tri-Wing screwdrivers.

**Cover frames TX\_44, 1 to 4-gang,**  
0211 65/66/67 to 0214 65/66/67 → Page 174.  
**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.**  
**Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 259.**  
**Tri-Wing screwdriver 1408 00 → Page 174.**


Order no.	Packing unit	PS
<b>Tri-Wing screwdriver</b>		
1408 00	1	09

Fits Tri-Wing screws 1407 00.  
**Tri-Wing screw set 1407 00 → Page 174.**

Order no.	Packing unit	PS
<b>Cover frames for combinations vertical and horizontal, shatter-proof, with sealing flange for 58 mm panel box central inserts are protected against removal</b>		




<b>1-gang</b> pure white	<b>0211 66</b>	5	13
<b>2-gang</b> pure white	<b>0212 66</b>	5	13
<b>3-gang</b> pure white	<b>0213 66</b>	5	13
<b>4-gang</b> pure white	<b>0214 66</b>	1	13

**Shatter-proof.**  
Cover frames are easy to install without tools; removal requires a Torx screwdriver T9 or T10. Attachment with plugs is possible. Central inserts protected against removal. 




<b>1-gang</b> anthracite	<b>0211 67</b>	5	13
<b>2-gang</b> anthracite	<b>0212 67</b>	5	13
<b>3-gang</b> anthracite	<b>0213 67</b>	5	13
<b>4-gang</b> anthracite	<b>0214 67</b>	1	13

**Shatter-proof.**  
Cover frames are easy to install without tools; removal requires a Torx screwdriver T9 or T10. Attachment with plugs is possible. Central inserts protected against removal. 



<b>1-gang</b> colour aluminium	<b>0211 65</b>	5	13
<b>2-gang</b> colour aluminium	<b>0212 65</b>	5	13
<b>3-gang</b> colour aluminium	<b>0213 65</b>	5	13
<b>4-gang</b> colour aluminium	<b>0214 65</b>	1	13

**Shatter-proof.**  
Cover frames are easy to install without tools; removal requires a Torx screwdriver T9 or T10. Attachment with plugs is possible. Central inserts protected against removal. 

Water-protected flush mounted (IP 44)/TX\_44

# Water-protected flush-mounted IP 44

## Standard 55, E2, F100, Stainless Steel Series 21

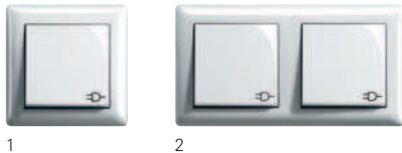
### Standard 55, E2, F100 and Stainless Steel Series 21

All switches, push buttons, SCHUKO socket outlets and socket outlets with earth pin with hinged cover from the Gira Standard 55, E2, Stainless Steel Series 21 switch ranges and Gira F100 can be installed water-protected according to the protection type IP 44 using special sealing sets.

That enables a uniform installation in all building areas.

Gira Standard 55  
Complete set IP 44,  
consisting of SCHUKO socket outlet  
with hinged cover, sealing set and  
cover frame

- 1 Complete set, 1-gang,  
pure white glossy
- 2 Complete set, 2-gang,  
pure white glossy



### Complete IP 44 set

The 1-gang and 2-gang SCHUKO socket outlets and socket outlets with earth pin with hinged covers from the Gira Standard 55 switch range in pure white glossy, and cream white glossy are now also available for water-protected installation in accordance with IP 44 together with cover frames and sealing sets as a 1-gang or 2-gang complete set. That simplifies ordering and processing.

### Water-protected flush-mounted IP 44

SCHUKO socket outlets	
Standard 55	176
Sealing sets IP 44	176

### Suitable switch ranges

Standard 55	46
E2	54
Stainless Steel Series 21	106
F100	108

Flush-mounted inserts and accessories	186
---------------------------------------	-----

SCHUKO socket outlet  
with hinged cover and  
sealing set IP44

3  
Gira E2,  
pure white glossy

4  
Gira F100,  
pure white glossy

5  
Gira Stainless Steel  
Series 21



3



4

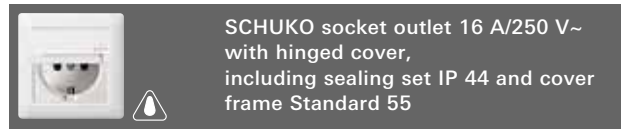


5

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

Socket outlets

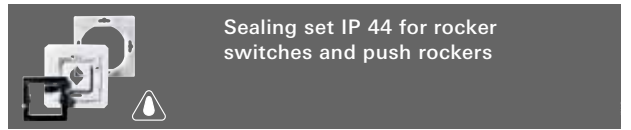


<b>Standard 55, 1-gang</b>			
cream white glossy	<b>1157 01</b>	1	01
pure white glossy	<b>1157 03</b>	1	01

<b>Standard 55, 2-gang</b>			
cream white glossy	<b>1158 01</b>	1	01
pure white glossy	<b>1158 03</b>	1	01

Set of SCHUKO socket outlets with hinged cover, sealing set IP 44 and cover frame Standard 55.

Sealing sets IP 44 for other switch ranges

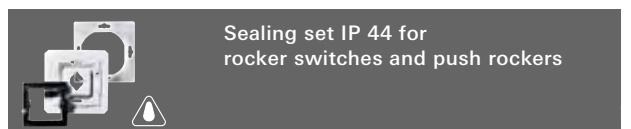


<b>Standard 55, E2</b>			
	<b>0251 27</b>	5	01

In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang and E2 cover frame, 1 to 5-gang, rocker switches and push rockers from System 55 can be installed water-protected and flush-mounted IP 44 (not for series or double 2-way switches).

**Cover frame Standard 55, 1 to 5-gang → Page 48.**

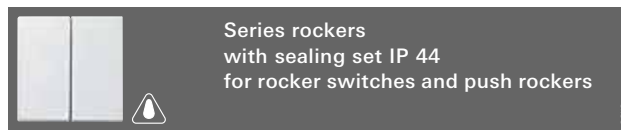
**Cover frame E2, 1 to 5-gang → Page 56.**



<b>Stainless Steel Series 21</b>			
	<b>0251 20</b>	5	01

In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, rocker switches and push rockers can be installed water-protected and flush-mounted IP 44 (not for series or 2-way switches).

**Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 107.**



<b>Standard 55, E2</b>			
cream white glossy	<b>0266 01</b>	1/5	01
pure white glossy	<b>0266 03</b>	1/5	01
pure white matt	<b>0266 27</b>	1/5	01
anthracite	<b>0266 28</b>	1/5	11
colour aluminium	<b>0266 26</b>	1/5	11

Series or double 2-way switches from System 55 can be installed as water-protected, flush-mounted IP 44 in conjunction with the cover frame Standard 55, 1 to 5-gang and cover frames E2, 1 to 5-gang. Scope of supply: Sealing set complete with series rockers for rocker switches and push rockers.

**Cover frame Standard 55, 1 to 5-gang → Page 48.**

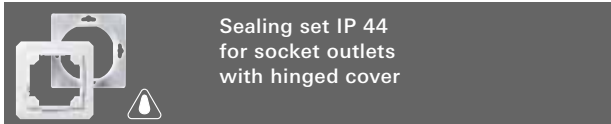
**Cover frame E2, 1 to 5-gang → Page 56.**

**Inserts 0105 00, 0108 00, 0139 00, 0147 00, 0155 00 → Page 191.**

Water-protected flush-mounted (IP 44)



Order no.	Packing unit	PS	Order no.	Packing unit	PS
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<b>Standard 55, E2</b>	<b>0252 27</b>	<b>5</b>	<b>01</b>
------------------------	----------------	----------	-----------

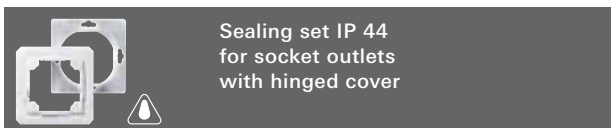
In conjunction with the sealing set and Standard 55 cover frame, 1 to 5-gang, and E2 cover frame, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with an earth pin and hinged cover from System 55 can be installed water-protected and flush-mounted IP 44.

**SCHUKO socket outlet with hinged cover 0414 ... , 0454 .. → Page 19.**

**Socket outlet with earth pin and hinged cover 0488 .. → Page 21.**

**Cover frame Standard 55, 1 to 5-gang → Page 48.**

**Cover frame E2, 1 to 5-gang → Page 56.**



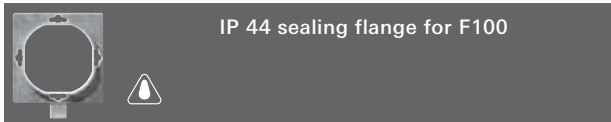
<b>Stainless Steel Series 21</b>	<b>0252 20</b>	<b>5</b>	<b>01</b>
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In conjunction with the sealing set and cover frames of Stainless Steel Series 21, 1 to 5-gang, SCHUKO socket outlets with a hinged cover and socket outlets with earth pin and hinged cover can be installed water-protected and flush-mounted IP44.

**Stainless-steel SCHUKO socket outlet with hinged cover 0454 20 → Page 80.**

**Stainless-steel socket outlet with earth pin and hinged cover 0488 20**

**Cover frame Stainless Steel Series 21, 1 to 5-gang, 0211 21, 0212 21, 0213 21, 0214 21, 0215 21 → Page 107.**



<b>2790 111</b>	<b>5</b>	<b>01</b>
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In conjunction with the sealing flange and cover frames F100, 1 to 5-gang, many F100 products can be installed as water-protected, flush-mounted IP 44.

**IP 44-capable products:**

**0104 119, 0285 ... , 0286 ... , 0287 ... , 0290 ... , 0294 ... , 0295 ... , 0296 ... , 0410 ... , 0414 ... , 0415 119, 0416 119, 0439 ... , 0454 ... , 0488 ... , 0631 ... , 0650 ... , 0652 ... , 0664 ... , 0670 ... , 0674 ... , 0676 ... , 0678 ... , 0679 ... , 1104 ... , 1150 ... , 2750 119, 2751 119, 2752 119 → Page 110.**

The Gira energy profiles extend the outdoor electrical installation. They can be positioned exactly where light and connections are required – whether on the terrace or in the middle of the garden. That prevents bothersome extension cables and simplifies the use of electric tools and leisure devices outdoors.

The Gira energy profiles with empty units can also be equipped with the water-protected Gira TX\_44 switch range exactly as needed. And the Gira door intercom systems can also be integrated.

#### Dimensions

**(H x W x D, mm)**  
 energy profile: 491 x 142 x 75  
 energy profile with light element: 769 x 142 x 75  
 light profile: 769 x 142 x 75  
 light profile, short: 491 x 142 x 75  
 energy profile 1600: 1600 x 142 x 75  
 energy profile 1400: 1400 x 142 x 75  
 base: 10 x 299 x 155

#### Protection type

IP 44

#### Profile material

powder-coated aluminium  
 (anthracite according to GSB standard)

#### Device unit material

thermoplastic (ASA)

#### Colours

anthracite (lacquered),  
 colour aluminium (lacquered)

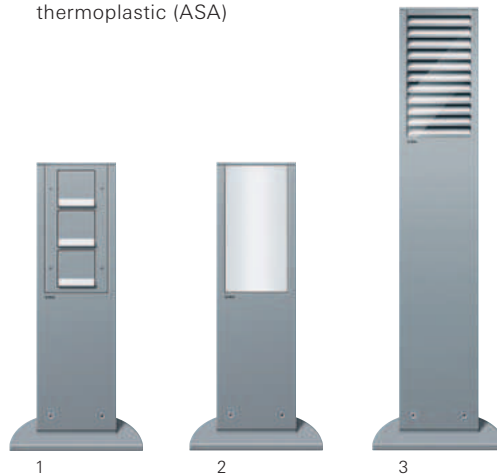
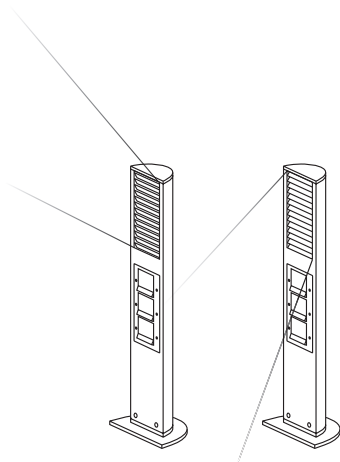
#### Design

Phoenix Design, Stuttgart

#### Design awards

Gira doorstation profile:  
 iF Product Design Award,  
 iF Design Hanover

red dot award 2003,  
 best of the best,  
 Design Zentrum NRW



1  
 Energy profile  
 Height: 491 mm

2  
 Light profile  
 Height: 491 mm

3  
 Light profile  
 Height: 769 mm  
 with slat element

4  
 Energy profile  
 Height: 1600 mm with  
 light element,  
 equipped with  
 automatic control switch  
 and door station, 1-gang

5  
 Energy profile  
 Height: 1600 mm,  
 equipped with info module,  
 colour camera,  
 door loudspeaker and  
 three call buttons 3-gang

6  
 Energy profile  
 Height: 1400 mm,  
 equipped with info module,  
 door station 3-gang and  
 Keyless In Keypad

# Gira energy and light profiles

## Gira energy and light profiles

Energy profiles	180
LED illumination	185
Accessories	185
Gira TX_44 inserts	164
Flush-mounted inserts and accessories	186

7 Colour aluminium  
8 Anthracite



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Energy profiles**

**Energy profile with lighting element and 3 empty units  
Height: 769 mm**

**Energy profile with 3 empty units  
Height: 491 mm**

<b>Not outfitted</b>			
anthracite	<b>1345 28</b>	1	17
colour aluminium	<b>1345 26</b>	1	17

<b>Not outfitted</b>			
anthracite	<b>1349 28</b>	1	17
colour aluminium	<b>1349 26</b>	1	17

Freely-configurable energy profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The three empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (3-gang cover frame TX\_44 included in scope of supply). The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm

Profiles: W x H x D 142 x 491 x 75 mm

Protection

type: IP 44 (device cover closed)



**Integration of TX\_44 components → Page 166.**  
**Integration of System 55 components according to the overview i 15.**

**Underground tube 1340 00 → Page 185.**

**Recommendation for installation before or in profile:**

RCD protection switch  
0114 .. → Page 20.



Freely-configurable energy profile with lighting element for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The three empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (3-gang cover frame TX\_44 included in scope of supply). The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm

Profiles: W x H x D 142 x 769 x 75 mm

Protection

type: IP 44 (device cover closed)



**Integration of TX\_44 components → Page 166.**  
**Integration of System 55 components according to the overview i 15.**

**Underground tube 1340 00 → Page 185.**  
**Slat 1346 .. → Page 185.**

**Recommendation for installation before or in profile:**

RCD protection switch  
0114 .. → Page 20.



Order no.	Packing unit	PS
-----------	--------------	----

Energy profile with 6 empty units  
Height: 769 mm

<b>Not outfitted</b>		
anthracite	<b>1351 28</b>	1
colour aluminium	<b>1351 26</b>	1

Freely-configurable energy profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The six empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (two 3-gang cover frames TX\_44 included in scope of supply). The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. Single-plug attachment. The mounting materials are included in the scope of supply.



Dimensions:  
 Base: W x H x D 229 x 10 x 155 mm  
 Profiles: W x H x D 142 x 769 x 75 mm  
 Protection type: IP 44 (device cover closed)

**Integration of TX\_44 components → Page 166.**  
**Integration of System 55 components according to the overview i 15.**

**Underground tube 1340 00 → Page 185.**

**Recommendation for installation before or in profile:**  
**RCD protection switch 0114 .. → Page 20.**

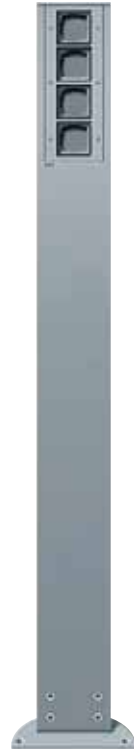


Order no.	Packing unit	PS
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Energy profile with 4 empty units  
Height: 1400 mm

<b>Not outfitted</b>		
anthracite	<b>1354 28</b>	1
colour aluminium	<b>1354 26</b>	1

Freely-configurable energy profile for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The four empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (4-gang cover frame TX\_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.



Dimensions:  
 Base: W x H x D 229 x 10 x 155 mm  
 Profiles: W x H x D 142 x 1400 x 75 mm  
 Protection type: IP 44 (device cover closed)

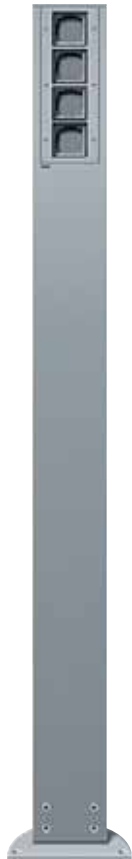
**Integration of devices for the door communication system → Page 252.**  
**Integration of TX\_44 components → Page 166.**  
**Integration of System 55 components according to the overview i 15.**

**Recommendation for installation before device:**  
**RCD protection switch 0114 .. → Page 20.**



	Order no.	Packing unit	PS
<b>Energy profile with 4 empty units</b> Height: 1600 mm			
<b>Not outfitted</b>			
anthracite	<b>1356 28</b>	1	17
colour aluminium	<b>1356 26</b>	1	17

	Order no.	Packing unit	PS
<b>Energy profile with 6 empty units</b> Height: 1600 mm			
<b>Not outfitted</b>			
anthracite	<b>1355 28</b>	1	17
colour aluminium	<b>1355 26</b>	1	17



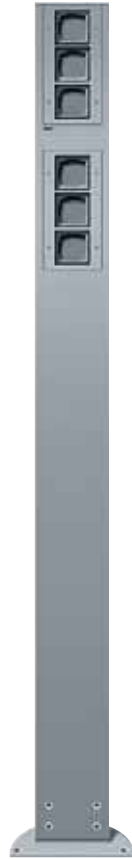
Freely-configurable energy profile for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The four empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (4-gang cover frame TX\_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm  
 Profiles: W x H x D 142 x 1600 x 75 mm  
 Protection type: IP 44 (device cover closed)

**Integration of devices for the door communication system → Page 252.**  
**Integration of TX\_44 components → Page 166.**  
**Integration of System 55 components according to the overview i 15.**

**Recommendation for installation before device:**  
**RCD protection switch 0114 .. → Page 20.**



Freely-configurable energy profile for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The six empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (two 3-gang cover frames TX\_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm  
 Profiles: W x H x D 142 x 1600 x 75 mm  
 Protection type: IP 44 (device cover closed)

**Integration of devices for the door communication system → Page 252.**  
**Integration of TX\_44 components → Page 166.**  
**Integration of System 55 components according to the overview i 15.**

**Recommendation for installation before device:**  
**RCD protection switch 0114 .. → Page 20.**



	Order no.	Packing unit	PS
Energy profile with lighting element and 3 empty units Height: 1600 mm			
<b>Not outfitted</b>			
anthracite	1353 28	1	17
colour aluminium	1353 26	1	17




Freely-configurable energy profile with lighting element for outdoor areas. Profile made of powder-coated aluminium. Base made of powder-coated steel (colour: anthracite pursuant to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The three empty units can be outfitted with device inserts from the TX\_44 or System 55 range by customers (3-gang cover frame TX\_44 included in scope of supply). Any required electrical isolation of mains and low voltage can be implemented with the accompanying accessories. The surface is weather and UV-proof and resistant to soiling and scratching. Mounting occurs on a stone or concrete base with three heavy-duty plugs. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm  
 Profiles: W x H x D 142 x 1600 x 75 mm  
 Protection type: IP 44 (device cover closed)

**Integration of devices for the door communication system → Page 252.**

**Integration of TX\_44 components → Page 166.**

**Integration of System 55 components according to the overview  15.**

**Slat 1346 .. → Page 185.**

**Recommendation for installation before device:**

**RCD protection switch 0114 .. → Page 20.**



	Order no.	Packing unit	PS
Light profile Height: 491 mm			
anthracite	1344 28	1	17
colour aluminium	1344 26	1	17



Light profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. The connection is made via a 5-pole screw terminal for rigid and flexible lines up to 4 mm<sup>2</sup>. Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm  
 Profiles: W x H x D 142 x 491 x 75 mm  
 Protection type: IP 44

**Underground tube 1340 00 → Page 185.**

**Slat 1346 .. → Page 185.**



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

Light profile  
Height: 769 mm

anthracite	<b>1343 28</b>	1	17
colour aluminium	<b>1343 26</b>	1	17



Light profile for outdoor areas. Column and base made of powder-coated aluminium (colour: anthracite according to GSB standard). The lighting element consists of an aluminium reflector and an impact-resistant acrylic glass plate. Light is also emitted from the rear as orientation illumination. A common power-saving lamp with E27 threading is used as the light source (we recommend RADIUM Ralux® RX-Q, RX-QS, RX-E, OSRAM Dulux® EL, EL Facility, PHILIPS PLE-L). **A light source is not included in the scope of supply.** The surface is weather and UV-proof and resistant to soiling and scratching. Installed on a stone or concrete base or with the optional underground tube. The connection is made via a 5-pole screw terminal for rigid and flexible lines up to 4 mm². Single-plug attachment. The mounting materials are included in the scope of supply.

Dimensions:

Base: W x H x D 229 x 10 x 155 mm

Profiles: W x H x D 142 x 769 x 75 mm

Protection

type: IP 44

**Underground tube 1340 00 → Page 185.**

**Slat 1346 .. → Page 185.**





Order no.	Packing unit	PS
-----------	--------------	----

## LED illumination



LED orientation light, 230 V~

**White LED illumination**

pure white	<b>1161 66</b>	1/5	13
anthracite	<b>1161 67</b>	1/5	13
colour aluminium	<b>1161 65</b>	1/5	13

**Blue LED illumination**

pure white	<b>1162 66</b>	1/5	13
anthracite	<b>1162 67</b>	1/5	13
colour aluminium	<b>1162 65</b>	1/5	13

**Orange LED illumination**

pure white	<b>1159 66</b>	1/5	13
anthracite	<b>1159 67</b>	1/5	13
colour aluminium	<b>1159 65</b>	1/5	13

LED orientation light for private and commercial use. The orientation light can be used, for example, to illuminate stairs, as an orientation guide in dark halls or as accent lighting on building walls. Either white, blue or orange LEDs are used as the light source, depending on the model. The LEDs require very little power and have a very long service life. The device is installed via a light outlet box or a normal flush-mounted panel box. For water-protected installation (IP 44), the orientation light must be installed in a flush-mounted panel box with a sealing ring (included in the scope of supply of the TX\_44 cover frame).

Power supply: 230 V AC, 50 Hz

Power consumption: 0.85 W/5.6 VA

Light intensity: 0.8 cd (white)

0.3 cd (blue)

0.4 cd (orange)

Protection type: IP 44 for installation with sealing ring in a flush-mounted panel box

Operating temperature: -15 °C to +50 °C

**Cover frames TX\_44, 1 to 4-gang,**

**0211 65/66/67 to 0214 65/66/67 → Page 174.**



Order no.	Packing unit	PS
-----------	--------------	----

## Accessories

## Underground tube

<b>1340 00</b>	1	17
----------------	---	----

Underground tube made of hot-galvanised steel sheeting for anchoring the energy profiles. The underground tube allows mounting of the energy profiles on soft ground, without having to set up a foundation. The underground tube is cemented into the soil. The corresponding profile foot is then attached to the underground tube.

**Energy profile (491 mm, 3 x empty) 1345 .. → Page 180.**

**Energy profile with lighting element (769 mm, 3 x empty) 1349 .. → Page 180.**

**Energy profile (769 mm, 6 x empty) 1351 .. → Page 181.**

**Light profile (491 mm) 1344 .. → Page 183.**

**Light profile (769 mm) 1343 .. → Page 184.**

## Slats

anthracite	<b>1346 28</b>	1	17
colour aluminium	<b>1346 26</b>	1	17

Aluminium slats with transparent plate. The lighting element of the energy profiles can be changed individually using the slats. It is simply exchanged with the standard diffusing plate. As the slats can be inserted in both directions, the light can be directed toward an object or a path.

**Energy profile with lighting element (769 mm, 3 x empty) 1349 .. → Page 180.**

**Energy profile with lighting element (1600 mm, 3 x empty) 1353 .. → Page 183.**

**Light profile (491 mm) 1344 .. → Page 183.**

**Light profile (769 mm) 1343 .. → Page 184.**

For all Gira switch ranges:  
Flush-mounted inserts and  
additional accessories for  
switching, pressing and  
dimming.

Rocker-switch and push-rocker  
inserts are supplied without  
rockers. This corresponds to  
the modular principle and also  
applies to time switches, key  
switches and all electronic  
products. The cover plates  
and top units must be ordered  
separately.

#### Advantages

combinable with all  
Gira switch ranges

flexibility thanks to the  
modular principle – can easily  
be replaced and recombined  
at a later time

#### Advantages

##### Touchdimmer capacitive

capacitive sensor technology  
allows operation with a light  
touch fine tuning of the bright-  
ness is possible via nine  
dimming levels

an integrated LED lights up  
for orientation in darkness  
Easy-to-use memory function,  
simple to adjust with only  
four second setting time



3



4



5

## Switching, pressing, dimming

### Flush-mounted inserts and accessories

#### Switching, pressing, dimming

Push switches	191
Rocker switch	191
Push rocker	192
Rocker switch/push rocker	192
Pull-cord switch/Pull-cord button	192
Three-stage switch/speed regulator	192
Speed regulator insert	193
Blind switch/key switch	193
Time switch	193
System 2000 dimmer inserts	194
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Dimmer	199
Power Boosts	203
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Illumination inserts	205
Light Signal and Accessories	206
Replacement Fuses	207
Other	207
Inscription sheets/inscription software	208

- 1 DRA stairway lighting mechanism
- 2 System 2000 Universal dimming insert (touch dimmer)



1 2

Gira F100, pure white glossy

- 3 Rocker switch
- 4 Rotary dimmer
- 5 Series dimmer
- 6 Rocker exchange switch insert
- 7 Light bulb dimmer insert 100 – 1000 watts
- 8 Universal series dimmer insert (touch dimmer)



6




















7




8

## Modular System 2000

			System 2000 inserts			
						
			<b>Triac switch insert</b>	<b>Tronic switch insert</b>	<b>Relay insert</b>	<b>Zero-voltage relay insert</b>
			Light bulbs, HV halogen lamps, LV halogen lamps for wound transformer 40 – 400 W/VA Page 196	Light bulbs, HV halogen lamps, LV halogen lamps for Gira Tronic transformers 50 – 420 W Page 195	Light bulbs, fluorescent lamps, halogen lamps ≤ 2300 W Page 196	Light bulbs, HV halogen lamps ≤ 800 W Page 197
Order No.:			0854 00	0866 00	0853 00	1148 00
	<b>Automatic control switch Standard top unit</b> low installation zone up to 1.10 m high installation zone up to 2.20 m Page 226/227	 1300 ..  1301 ..	switching	switching	switching	switching
	<b>Automatic control switch Comfort top unit</b> low installation zone up to 1.10 m high installation zone up to 2.20 m Page 226/227	 0661 ..  0671 ..	switching	switching	switching	switching
	<b>Presence detector Comfort top unit</b> Page 229	0317 ..	switching	switching	switching	switching
	<b>Automatic control switch 360°</b> Page 228	2270 ..	switching	switching	switching	switching
	<b>Top unit for switching and dimming</b> Page 24/82/115/137/169	0655 ..	switching	switching	switching	switching
	<b>Touch dimming top unit</b> Page 24/82	2260 ..				
	<b>Touch switching top unit</b> Page 12/78	2261 ..	switching	switching	switching	switching
	<b>Radio top unit for switching and dimming</b> Page 24	0543 ..	switching	switching	switching	switching

 For an installation height of 1.10 m with purely horizontally aligned detection area, and therefore no own range limitation outdoors

 For an installation height of 2.20 m with angled, vertically aligned detection area

A) Standard top units only carry out switching functions even on dimming inserts





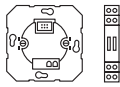


B) On an auxiliary insert, the desired brightness value and the delay period of the top unit are not evaluated.

The use of automatic control switch and presence detector top units on System 2000 flush-mounted inserts requires a release status of R2 or higher for these inserts.

Use with the System 2000 impulse insert 0336 00 requires at least the release status R3 for the automatic control-switch and presence-detector top units.

A free combination of the System 2000 inserts and top units for the realisation of an extended, automatic lighting system is possible within the scope of the options described above and under observance of the permissible number of auxiliary units.

The function of the auxiliary unit (switching/dimming) is dependent on which main unit insert is used

								
<p><b>Heating/cooling relay insert</b></p> <p>with 2 relays for switching, e.g. light and heating or ventilation Ch. 1: ≤ 1000 W Ch. 2: ≤ 800 W Page 197</p> <p><b>0303 00</b></p>	<p><b>Universal dimming insert</b></p> <p>Light bulbs, HV hal. lamps, LV hal. lamps w/ Gira Tronic transf. or wound transf. 50 to 420 W/VA Page 194</p> <p><b>0305 00</b></p>	<p><b>LV dimming insert</b></p> <p>Light bulbs, HV halogen lamps, LV halogen lamps for wound transformer 20 to 500 VA Page 194</p> <p><b>0331 00</b></p>	<p><b>1 - 10 V control unit insert</b></p> <p>for switch. and dimm. electr. ballasts and Gira Tronic transformers with 1 -10 V interface ≤700W, ≤50mA Page 195</p> <p><b>0860 00</b></p>	<p><b>Impulse insert with staircase-light automatic control switch</b> Page 198</p> <p><b>0336 00</b> <b>0821 00</b></p>			<p><b>Auxiliary unit insert</b></p> <p>for presence detector and automatic control switch (3-wire) Page 198</p> <p><b>0335 00</b></p>	<p><b>Auxiliary unit insert</b> (2-wire) Page 198</p> <p><b>0333 00</b></p>
①	switching <sup>A)</sup>	switching <sup>A)</sup>	switching <sup>A)</sup>	switching on			switching on <sup>B)</sup>	
①	switching dimming	switching dimming	switching dimming	switching on			switching on <sup>B)</sup>	
①	schalten, dimmen, Konstantlichtregelung	schalten, dimmen, Konstantlichtregelung	schalten, dimmen, Konstantlichtregelung	switching on			switching on <sup>B)</sup>	
①	switching	switching	switching	switching on			switching on <sup>B)</sup>	
②	switching dimming	switching dimming	switching dimming	switching on				switching, dimming, memory
	switching dimming	switching dimming	switching dimming					
②								
②	switching dimming	switching dimming	switching dimming					

① Function as heating/cooling switch:  
Channel 1 is switched on depending on the ambient brightness when movement is detected. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.









Channel 2 is switched on directly or time-delayed when a movement occurs in the detection field. The ambient brightness has no influence on the switching of Channel 2. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the insert.

② Function as delay switch:  
Channel 1 is switched on or off during operation without delay.  
Channel 2 is switched on or off time-delayed in dependence on Channel 1.













## Combination options for System 2000

### Main unit

#### Insert






-  Universal dimming insert  
**0305 00**
-  Low-voltage dimming insert  
**0331 00**
-  1-10 V Control unit insert  
**0860 00**
-  Tronic switch insert  
**0866 00**
-  Triac switch insert  
**0854 00**
-  Relay insert  
**0853 00**
-  Heating/cooling relay insert  
**0303 00**
-  Zero-voltage relay insert  
**1148 00**

#### Top unit











-  Top unit for switching and dimming  
**0655 ..**
-  Touch dimming top unit  
**2260 ..**
-  Touch switching top unit  
**2261 ..**
-  Radio top unit  
**0543 ..**
-  Presence detector Comfort top unit  
**0317 ..**
-  Automatic control switch 360°  
**2270 ..**
-  Comfort top-unit automatic control switch  
**0661 ..**   
**0671 ..** 
-  Standard top-unit automatic control switch  
**1300 ..**   
**1301 ..** 

### Auxiliary unit


#### Insert

-  Auxiliary unit insert, 2-wire  
**0333 00**
-  Mechanical push button NO contact, 1-pole  
**0151 00**
-  Auxiliary unit insert, 2-wire  
**0333 00**
-  Auxiliary unit insert, 3-wire  
**0335 00**
-  Mechanical push button NO contact, 1-pole  
**0151 00**



#### Top unit

-  Top unit for switching and dimming  
**0655 ..**
-  Top unit for switching and dimming  
**0655 ..**
-  Presence detector Comfort top unit  
**0317 ..**
-  Automatic control switch 360°  
**2270 ..**
-  Comfort top-unit automatic control switch  
**0661 ..**   
**0671 ..** 
-  Standard top-unit automatic control switch  
**1300 ..**   
**1301 ..** 










### DRA


-  Staircase-light automatic control switch  
**0821 00**


#### Insert

-  Impulse insert  
**0336 00**
-  Mechanical push button NO contact, 1-pole  
**0151 00**

#### Top unit

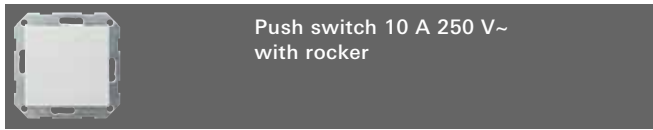
-  Top unit for switching and dimming  
**0655 ..**
-  Presence detector Comfort top unit  
**0317 ..**
-  Automatic control switch 360°  
**2270 ..**
-  Comfort top-unit automatic control switch  
**0661 ..**   
**0671 ..** 
-  Standard top-unit automatic control switch  
**1300 ..**   
**1301 ..** 

 Automatic control-switch top unit for low installation zone up to 1.10 m  
(**0661 ..** and **1300 ..**)

 Automatic control-switch top unit for high installation zone up to 2.20 m  
(**0671 ..** and **1301 ..**)

Order no.	Packing unit	PS
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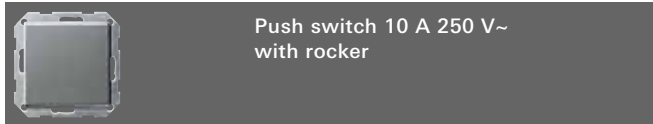
**Push switches**



Push switch 10 A 250 V~ with rocker

**System 55**

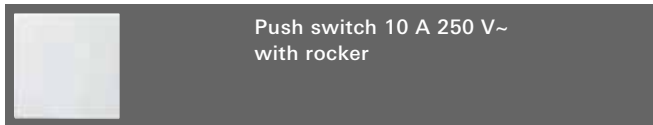
Push switch as complete unit suitable for System 55 → Page 12.



Push switch 10 A 250 V~ with rocker

**E22**

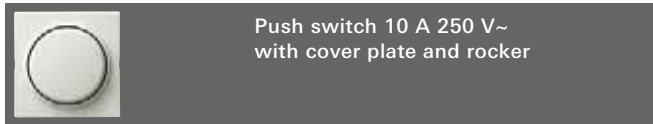
Push switch as complete unit suitable for E22 → Page 77.



Push switch 10 A 250 V~ with rocker

**F100**

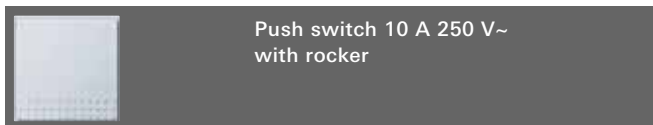
Push switch as complete unit suitable for F100 → Page 110.



Push switch 10 A 250 V~ with cover plate and rocker

**S-Color System**

Push switch as complete unit suitable for S-Color system → Page 132.



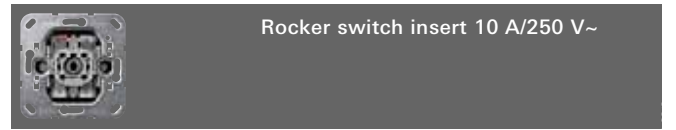
Push switch 10 A 250 V~ with rocker

**TX\_44**

Push switch as complete unit suitable for TX\_44 platform → Page 166.

Order no.	Packing unit	PS
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**Rocker switch**




Rocker switch insert 10 A/250 V~

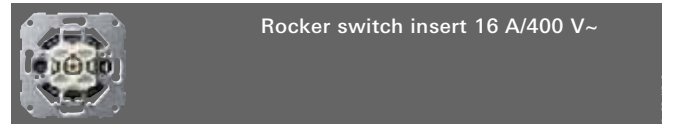
Universal off/2-way switch <sup>1)</sup>	0106 00	10/200	01
Intermediate switch <sup>1)</sup>	0107 00	10/200	01
Circuit breaker 2-pole	0102 00	10/100	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.

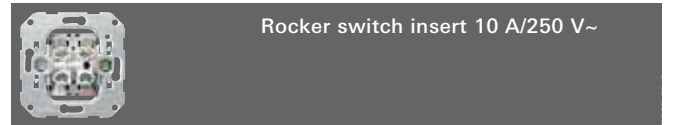
LED illumination unit 0992 00, 1405 00 → Page 204.

<sup>1)</sup> Acoustic element with illumination 0935 00 → Page 205. 



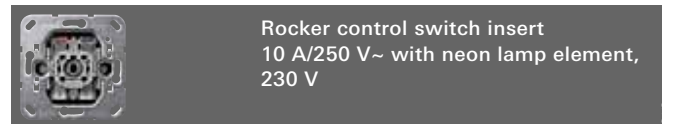
Rocker switch insert 16 A/400 V~

3-pole circuit breaker	0103 00	1	01
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Rocker switch insert 10 A/250 V~


Series switch	0105 00	10/100	01
Double 2-way switch	0108 00	10/200	01

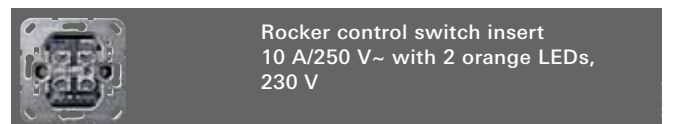


Rocker control switch insert 10 A/250 V~ with neon lamp element, 230 V

Universal off/2-way switch	0116 00	10/200	01
Circuit breaker 2-pole	0112 00	10	01

For compliance with the workplace ordinance, can also be connected with illumination.


Replacement neon lamp element 0997 00 → Page 204. 



Rocker control switch insert 10 A/250 V~ with 2 orange LEDs, 230 V

Series switch	0145 00	5	01
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For compliance with the workplace ordinance, can also be connected with illumination.

Suitable for cover plate 0631 ... 

Order no.	Packing unit	PS
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## Push rocker

Push rocker insert 10 A/250 V~			
NO contact, 1-pole <sup>1)</sup>	0151 00	10/200	01
2-way switch, 1-pole <sup>1)</sup>	0156 00	10/200	01
1-pole NO contact with N terminal	0150 00	10/200	01
1-pole NO contact with sep. signal contact <sup>1)</sup>	0152 00	10	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.

LED illumination unit 0992 00, 1405 00 → Page 204.

<sup>1)</sup> Acoustic element with illumination 0935 00 → Page 205. 

Push rocker insert 10 A/250 V~			
Double 2-way button	0155 00	10/200	01



Push rocker insert 10 A/250 V~			
4-gang	0147 00	10	01

For deep flush-mounted wall boxes.

Instabus universal button interface, 2-gang 1118 00 → Page 374.

Instabus universal button interface, 4-gang 1119 00 → Page 374.

Series rockers 0295 ..

Rockers with arrow symbols 1150 ..



## Rocker switch / push rocker

Series switch/push-button insert 10 A/250 V~			
2-way switch/2-way button	0139 00	1/5	01

Series switch/push-button with which the left rocker is designed as a switch and the right rocker as a push-button for switching and colour control of the LED orientation light, manual control of motion detectors, control of dimmer auxiliary units and switched lighting.

Series rockers 0295 ..



Order no.	Packing unit	PS
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## Pull-cord switch/Pull-cord button


Pull-cord switch insert 10 A/250 V~			
Universal off/2-way switch <sup>1)</sup>	0146 00	1/5	01
Circuit breaker 2-pole	0142 00	1/5	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.

Suitable for cover plate 0638 ...

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.

LED illumination unit 0992 00, 1405 00 → Page 204.

<sup>1)</sup> Acoustic element with illumination 0935 00 → Page 205. 


Pull-cord switch insert 10 A/250 V~			
1-pole NO contact with sep. signal contact	0165 00	1/5	01

Can be illuminated with neon lamp elements in accordance with the workplace ordinance.

Suitable for cover plate 0638 ...

Glow lamp elements 0995 00, 0996 00, 0997 00 → Page 204.

LED illumination unit 0992 00, 1405 00 → Page 204.

Acoustic element with illumination 0935 00 → Page 205. 

## Three-stage switch/speed regulator

Three-stage switch insert 16 A/250 V~ (e.g. for fans)			
with zero setting	0149 00	1	02

Only for screw attachment.

Not suitable for mounting in surface-mounted housings.

Suitable for cover plate 0669 ...



Speed regulator insert with 2-way turn-off switch			
0,1 –2.7 A	0314 00	1/5	02

With replacement fuse.

With excess-temperature protection. Automatic restart after cooling down. With switch output for slat control or for switching ohmic loads. With spring plug-in terminals.

Rated current: 0.1 to 2.7 A

Motor current and

slat current: max. 2.7 A

Suitable for cover plate 0652 ...


Replacement fuse T 3.15 H 250 049735 → Page 207.





Order no.	Packing unit	PS
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**Speed regulator insert**




Speed regulator insert with 2-way turn-off switch

0,1 –2.7 A	<b>0314 00</b>	1/5	02
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With replacement fuse.  
 With excess-temperature protection. Automatic restart after cooling down. With switch output for slat control or for switching ohmic loads. With spring plug-in terminals.  
 Rated current: 0.1 to 2.7 A  
 Motor current and slat current: max. 2.7 A

Suitable for cover plate 0652 ...  
 Replacement fuse T 3.15 H 250 049735 → Page 207. i 35

**Blind switch/key switch**



Rocker blind switch/button insert 10 A/250 V~

Switch	<b>0159 00</b>	10/200	01
button	<b>0158 00</b>	10/200	01

With block preventing two-sided activation. Electrically and mechanically locked.  
 Suitable for cover plate 0294 ...  
 As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 214. i 35




Blind switch/button insert 10 A/250 V~ for cover plate with knob

1-pole group button/switch	<b>0154 00</b>	1/5	01
2-pole push button/switch	<b>0157 00</b>	1/5	01

After removing the brass adjustment, can be used as a touch-locking switch.  
 Suitable for cover plate 0666 ...  
 As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 214. i 35

Order no.	Packing unit	PS
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Key switch insert 10 A/250 V~ for all DIN profile semi-cylinder locks

Push button 2-way switch, 1-pole (also group button)	<b>0163 00</b>	1/5	02
Switch 2-way switch, 2-pole (also group switch)	<b>0144 00</b>	1/5	02

Scope of supply: without lock. Only for screw attachment. Not suitable for mounting in surface-mounted housings.  
 Suitable for cover plate 0664 ...  
 As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 214.  
 Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207. i 35

**Time switch**



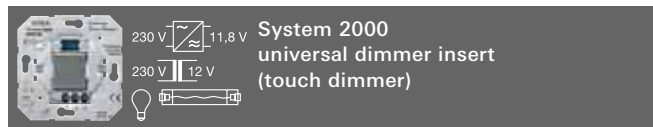
Time switch insert 16 A/250 V~ 2-pole

15 minutes	<b>0320 00</b>	1/5	02
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For screw attachment only.  
 Suitable for cover plate: System 55, F100 0666 ..., E22, S-Color system 0640 .., 0642 ... i 35

Order no.	Packing unit	PS
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## System 2000 dimmer inserts



50 – 420 W/VA      **0305 00**      1/5      02

Universal dimmer for switching and dimming various light sources such as:

- Light bulbs
- HV halogen lamps
- LV halogen lamps with Gira Tronic transformers
- LV halogen lamps with conventional transformers
- Lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection with restart
- Two-surface operation: Briefly pressing the button switches the light on. A long press of the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion, e.g. via up to 10 power boosts
- Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) cannot be connected to the universal dimmer insert at the same time.

Rated voltage: 230 V AC, 50/60 Hz  
Contact rating: 50 to 420 W/VA  
Operating temperature: -20 °C to +45 °C

**System 2000 top unit for switching and dimming 0655 ..**

**System 2000 touch dimming top unit 2260 ..**

**Radio top unit for switching and dimming 0543 .. → Page 397.**

**System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.**

**System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.**

**System 2000 automatic control switch 360° 2270 .. → Page 228.**

**System 2000 presence detector Comfort top unit**

**0317 .. → Page 229.**

**System 2000 auxiliary insert 0333 00 → Page 198.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**

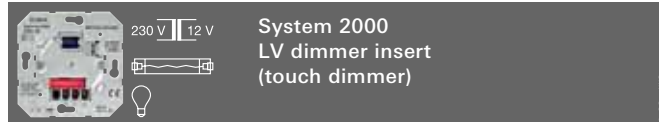
**Universal power boost 1035 00 → Page 203.**

**Tronic power boost 0380 00 → Page 203.**

**LV power boost 0364 00 → Page 204.**



Order no.	Packing unit	PS
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20 – 500 VA      **0331 00**      1/5      02

LV dimmer for switching and dimming a host of light sources, such as:

- Light bulbs
- HV halogen
- LV halogen with conventional transformers

Auxiliary unit operation is possible.

- Lamp-protecting "soft start"
- Short circuit via fine-wire fuse
- Automatic excess-temperature protection
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion via up to 10 power boosts

Rated voltage: 230 V AC, 50/60 Hz

Contact rating: 20 to 500 VA  
(at minimum load of 85 %)

Operating temperature: -20 °C to +45 °C

**System 2000 top unit for switching and dimming 0655 ..**

**System 2000 touch dimming top unit 2260 ..**

**Radio top unit for switching and dimming 0543 .. → Page 397.**

**System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.**

**System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.**

**System 2000 automatic control switch 360° 2270 .. → Page 228.**

**System 2000 presence detector Comfort top unit**

**0317 .. → Page 229.**

**System 2000 auxiliary insert 0333 00 → Page 198.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**

**LV power boost 0364 00 → Page 204.**

**Replacement fuse T 2 H 250 049806 → Page 207.**



Order no.	Packing unit	PS
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System 2000  
1-10 V control device insert

1 – 10 V	<b>0860 00</b>	1/5	02
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1-10 V control device for switching and dimming electronic ballast or Gira Tronic transformers with 1-10 V interface.

- Setting of a base brightness
- Saving of a switch-on dimming value (also via auxiliary unit)
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Multi-phase connection possible.

Electronic control gear generates very high current spikes. For this reason, you should use an initial current limiter or a separate load contactor with greater loads.

Switching contact:	Relay contact subject to mains potential
Rated voltage:	230 V AC, 50 Hz/60 Hz N conductor required
Connected load:	700 W light bulbs (switching only) 700 W Gira Tronic transformer type-dependent electronic ballast
1 – 10 V interface:	max. 50 mA max. 100 m input line

Switch-on current limiter 0810 00 → Page 207.

System 2000 top unit for switching and dimming 0655 ..

System 2000 touch dimming top unit 2260 ..

Radio top unit for switching and dimming 0543 .. → Page 397.

System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.

System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.

System 2000 automatic control switch 360° 2270 .. → Page 228.

System 2000 presence detector Comfort top unit 0317 .. → Page 229.

System 2000 auxiliary insert 0333 00 → Page 198.

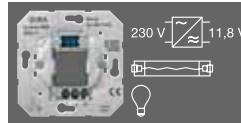
System 2000 auxiliary insert for presence detector and automatic control switch

0335 00 → Page 198.



Order no.	Packing unit	PS
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### System 2000 switch inserts



System 2000  
Tronic switch insert

50 – 420 W	<b>0866 00</b>	1/5	02
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Flush-mounted insert for **switching** light bulbs and Gira Tronic transformers with 2-wire connection technology.

- Limitation of initial currents via soft start

Auxiliary unit operation is possible.

Circuit breaker:	MOS-FET
Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	50 to 420 W light bulbs 50 to 420 W HV halogen 50 to 420 W LV halogen, Gira Tronic transformer

Operating temperature: -20 °C to +45 °C

System 2000 top unit for switching and dimming (only switching here) 0655 ...

System 2000 touch switching top unit 2261 ..

Radio top unit for switching and dimming (only switching here) 0655 ... → Page 397.

System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.

System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.

System 2000 automatic control switch 360° 2270 .. → Page 228.

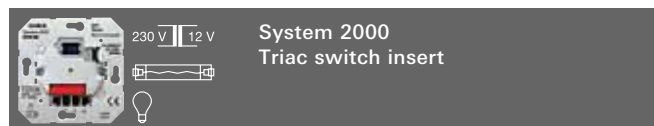
System 2000 presence detector Comfort top unit ( only switching here) 0317 .. → Page 229.

System 2000 auxiliary insert 0333 00 → Page 198.

System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.



Order no.	Packing unit	PS
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40 – 400 W/VA      **0854 00**      1/5      02

The Triac switch insert is an electronic switch used for **switching** light bulbs and wound transformers with 2-wire technology.

- Limitation of initial currents via soft start
- Short circuit via fine-wire fuse

Auxiliary unit operation is possible.

Circuit breaker: Triac  
 Rated voltage: 230 V AC, 50/60 Hz  
 Contact rating: 40 to 400 W light bulbs  
 40 to 400 W HV halogen  
 40 to 400 VA LV halogen for wound transformer with at least 85 % rated load  
 Operating temperature: -20 °C to +45 °C

**System 2000 top unit for switching and dimming (only switching here) 0655 ...**

**System 2000 touch switching top unit 2261 ..**

**Radio top unit for switching and dimming (only switching here) 0655 ... → Page 397.**

**System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.**

**System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.**

**System 2000 automatic control switch 360° 2270 .. → Page 228.**

**System 2000 presence detector Comfort top unit ( only switching here) 0317 .. → Page 229.**

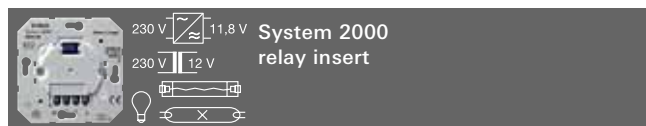
**System 2000 auxiliary insert 0333 00 → Page 198.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**

**Replacement fuse T 1.6 H 250 V 049727 → Page 207.**



Order no.	Packing unit	PS
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**0853 00**      1/5      02

Relay insert for **switching** extensive light sources and electrical consumers in 3-wire connection technology (N conductor required).

- Light bulbs
- HV halogen
- LV halogen with conventional transformers
- LV halogen with Gira Tronic transformers
- Fluorescent lamps

Auxiliary unit operation is possible.

Rated voltage: 230 V AC, 50 Hz/60 Hz  
 N conductor required  
 Contact rating: 2300 W light bulbs  
 2300 W HV halogen  
 1500 W Gira Tronic transformer  
 1000 VA wound transformer  
 1200 VA fluorescent lamps, not compensated  
 920 VA fluorescent lamps, parallel-compensated  
 2300 VA fluorescent lamps, dual switching  
 Mixed loads of specified loads.  
 Conversion transformers with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed 1000 VA.

Operating temperature: -20 °C to +45 °C

**System 2000 top unit for switching and dimming (only switching here) 0655 ...**

**System 2000 touch switching top unit 2261 ..**

**Radio top unit for switching and dimming (only switching here) 0655 ... → Page 397.**

**System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.**

**System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.**


**System 2000 automatic control switch 360° 2270 .. → Page 228.**

**System 2000 presence detector Comfort top unit ( only switching here) 0317 .. → Page 229.**

**System 2000 auxiliary insert 0333 00 → Page 198.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**



Order no.	Packing unit	PS
	System 2000 zero-voltage relay insert	
1148 00	1/5	02

Relay insert for **zero-voltage switching** of light sources and electrical consumers in 3-wire connection technology (N conductor required).

- Light bulbs
- HV halogen lamps

Auxiliary unit operation is possible.

Rated voltage: 230 V AC, 50 Hz/60 Hz  
N conductor required

Contact rating: 800 W light bulbs  
750 W HV halogen

Operating temperature: +5 °C to +35 °C

**System 2000 top unit for switching and dimming (only switching here) 0655 ...**

**Radio top unit for switching and dimming (only switching here) 0655 ... → Page 397.**

**System 2000 automatic control switch, standard top unit 1300 ..., 1301 ... → Page 226.**

**System 2000 automatic control switch, comfort top unit 0661 ..., 0671 ... → Page 226.**

**System 2000 automatic control switch 360° 2270 .. → Page 228.**


**System 2000 presence detector Comfort top unit ( only switching here) 0317 .. → Page 229.**

**System 2000 auxiliary insert 0333 00 → Page 198.**

**System 2000 auxiliary insert for presence detector and automatic control switch**

0335 00 → Page 198.



Order no.	Packing unit	PS
	System 2000 HLK relay insert	
0303 00	1/5	02

The HLK relay insert has a non-floating 230 V switching channel (Channel 1) for switching the lighting and another switching channel (zero-voltage Channel 2) for switching a second mains phase (no SELV voltage), e.g. for a fan or a heater. The set time of Channel 2 can be set in 5 steps. The functionality of the HLK relay insert is dependent on the top unit used:

- Function as delay switch:

This function is, for example, achieved with a System 2000 top unit for switching and dimming or the radio top unit for switching and dimming.

Channel 1 is switched on or off during operation without delay. Channel 2 is switched on or off time-delayed in dependence on Channel 1.

- Function as a HLK switch:

This function is achieved with a System 2000 automatic control-switch comfort top unit or a System 2000 presence-detector standard top unit.

Channel 1 is switched on depending on the ambient brightness when movement is detected. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.

Channel 2 is switched on directly or time-delayed when a movement occurs in the detection field. The ambient brightness has no influence on the switching of Channel 2. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the insert.

Rated voltage: 230 V AC, 50 Hz/60 Hz  
N conductor required

Channel 1 connecting cable: 1000 W light bulbs  
1000 W HV halogen  
750 W LV halogen, Gira Tronic transformer  
750 VA LV halogen, wound transformer  
500 VA fluorescent lamps, not compensated

Channel 2 connecting cable: 800 W light bulbs  
750 W HV halogen  
450 VA at a max. switch-on current of 2.1 A

Set time in 5 steps: 2, 10, 30, 60, 120 min  
(Channel 2 only)

Operating temperature: +5 °C to +35 °C

**System 2000 top unit for switching and dimming (only switching here) 0655 ...**

**System 2000 touch switching top unit 2261 ..**

**Radio top unit for switching and dimming (only switching here) 0655 ... → Page 397.**

**System 2000 automatic control switch, standard top unit 1300 ..., 1301 ... → Page 226.**

**System 2000 automatic control switch, comfort top unit 0661 ..., 0671 ... → Page 226.**

**System 2000 automatic control switch 360° 2270 .. → Page 228.**

**System 2000 auxiliary insert 0333 00 → Page 198.**


**System 2000 auxiliary insert for presence detector and automatic control switch**

0335 00 → Page 198.



Order no.	Packing unit	PS
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## System 2000 impuls inserts

System 2000 impuls inserts		
	System 2000 impuls inserts	
0336 00	1/5	02

The System 2000 impuls insert is operated in combination with System 2000 automatic control switches, comfort presence detectors or top units for switching and dimming. The insert actuates the DRA automatic stairway lighting mechanisms **0829 00** (power section).

**System 2000 DRA automatic stairway lighting mechanism 0821 00** → Page 198.

**System 2000 top unit for switching and dimming 0655 ..**

**System 2000 touch switching top unit 2261 ..**


**System 2000 automatic control switch, standard top unit 1300 .., 1301 ...** → Page 226.

**System 2000 automatic control switch, comfort top unit 0661 .., 0671 ...** → Page 226.

**System 2000 automatic control switch 360° 2270 ..** → Page 228.

**System 2000 presence detector Comfort top unit ( only switching here) 0317 ..** → Page 230.



System 2000 DRA automatic stairway lighting mechanism		
	System 2000 DRA automatic stairway lighting mechanism	
DRA	0821 00	1 02

The DRA automatic stairway lighting mechanism is used together with System 2000 impuls inserts to automatically switch the light in stairwells. The impulse insert is combined with an automatic control switch or presence detector (PIR top units) for this purpose. Up to 16 impulse inserts can be connected to a automatic DRA mechanism. The number decreases when auxiliary units (e.g. illuminated push buttons) are added.

If the automatic DRA mechanism receives a switch-on signal, it switches the light on and then off again after the delay time expires. Following switch-off, the impulse inserts are locked with the PIR top unit for approx. 3 seconds. Not until after this time are movements evaluated again.

A warning can be issued before the lighting is switched off. The lighting is switched off three times at intervals of approx. 10 s for approx. 100 ms.

Can be switched over with rotary switch to Permanent-On, Permanent-Off, Automatic mode without advance warning, Automatic mode with advance warning.

Rated voltage: 230 V AC, 50 Hz

Current load of the control

input: 40 mA

Load capacity: 250 V AC/16 A

Connected load: 2300 W light bulbs

2300 W HV halogen

1000 VA LV halogen, wound transformer

1500 W LV halogen, Gira Tronic

transformer

1200 VA fluorescent lamps,

not compensated

2300 VA fluorescent lamps,

dual switching

920 VA fluorescent lamps,

parallel-compensated

700 W electronic ballast

switch-on time: 10 sec. to 15 min.


Dimensions: DRA device, 1 depth module

**System 2000 impulse insert 0336 00** → Page 198.



Order no.	Packing unit	PS
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## System 2000 auxiliary inserts

System 2000 auxiliary insert		
	System 2000 auxiliary insert	
0333 00	1/5	02

Auxiliary insert in **2-wire** connection technology for designing installations with the function of toggle and cross switching in conjunction with the inserts of System 2000. In the case of retrofitting, no additional cables are required.

Rated voltage: 230 V AC, 50/60 Hz

Operating temperature: -20 °C to +45 °C

**System 2000 top unit for switching and dimming 0655 ..**

**Auxiliary unit for:**

**System 2000 universal dimmer insert 0305 00** → Page 194.

**System 2000 LV dimmer insert 0331 00** → Page 194.

**System 2000 1–10 V control device insert 0860 00** → Page 195.

**System 2000 Tronic switch insert 0866 00** → Page 195.

**System 2000 Triac switch insert 0854 00** → Page 196.

**System 2000 relay insert 0853 00** → Page 196.


**System 2000 relay insert, zero-voltage,**

**1148 00** → Page 197.

**System 2000 HLK relay insert 0303 00** → Page 197.

**Universal dimmer with manual activation 1034 00** → Page 200.

**Universal series dimming insert 2263 00** → Page 200.

System 2000 auxiliary insert for presence detector and automatic control switch		
	System 2000 auxiliary insert for presence detector and automatic control switch	
0335 00	1/5	02

The **3-wire** auxiliary insert is used to control System 2000 presence detectors and automatic control switches as an active auxiliary unit. In addition to the neutral conductor connection N, it requires the same phase L as the power section.

A maximum of 5 auxiliary inserts can be connected to a System 2000 universal dimming insert, and all other System 2000 inserts can be assigned a maximum of 10 auxiliary unit inserts.

Rated voltage: 230 V AC, 50 Hz/60 Hz

N conductor required

Cable length between

main and auxiliary unit: 100 m

Operating temperature: -20 °C to +45 °C

**System 2000 automatic control switch, standard top unit 1300 .., 1301 ...** → Page 226.

**System 2000 automatic control switch, comfort top unit 0661 .., 0671 ...** → Page 226.

**System 2000 automatic control switch 360° 2270 ..** → Page 228.

**System 2000 presence detector Comfort top unit**

**0317 ..** → Page 229.

**Auxiliary unit for:**

**System 2000 universal dimmer insert 0305 00** → Page 194.

**System 2000 LV dimmer insert 0331 00** → Page 194.

**System 2000 1–10 V control device insert 0860 00** → Page 195.

**System 2000 Tronic switch insert 0866 00** → Page 195.

**System 2000 Triac switch insert 0854 00** → Page 196.

**System 2000 relay insert 0853 00** → Page 196.

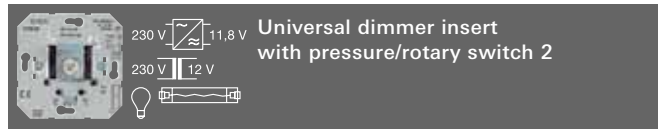
**System 2000 relay insert, zero-voltage,**

**1148 00** → Page 197.

**System 2000 HLK relay insert 0303 00** → Page 197.

Order no.	Packing unit	PS
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**Universal dimmer**



50 – 420 W/VA      **1176 00**      1/5      02

Universal dimmer for switching and dimming different light sources, such as:

- Light bulbs
  - HV halogen
  - LV halogen with Gira Tronic transformers
  - LV halogen with conventional transformers
- Auxiliary unit operation is possible with the auxiliary insert **1177 00**.
- Lamp-protecting "soft start"
  - Electronic short-circuit protection
  - Automatic excess-temperature protection
  - Power expansion via power boosts
  - Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to the universal dimmer insert at the same time.
  - With spring plug-in terminals

Rated voltage:            230 V AC, 50/60 Hz  
 Contact rating:            50 to 420 W/VA  
 Auxiliary unit quantity:    max. 5  
 Cable length between main and auxiliary unit:    100 m

Suitable for cover plate **0650 ...**  
 Auxiliary insert 2 **1177 00** → Page 199.  
 Universal power boost **1035 00** → Page 203.  
 Tronic power boost **0380 00** → Page 203.  
 LV power boost **0364 00** → Page 204.



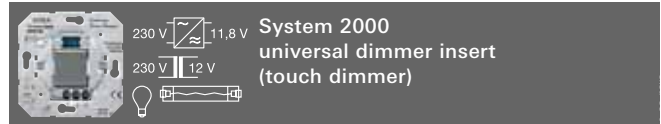
**1177 00**      1/5      02

Auxiliary insert with **2-wire** connection technology for designing installations with the function of toggle and cross switching exclusively in conjunction with the universal dimming insert **1176 00**.

- With spring plug-in terminals

Rated voltage:            230 V AC, 50/60 Hz  
 Cable length between main and auxiliary unit:    100 m

Suitable for cover plate **0650 ...**  
 Universal dimming insert 2 **1176 00** → Page 199.



50 – 420 W/VA      **0305 00**      1/5      02

Universal dimmer for switching and dimming various light sources such as:

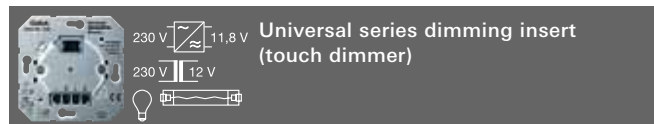
- Light bulbs
- HV halogen lamps
- LV halogen lamps with Gira Tronic transformers
- LV halogen lamps with conventional transformers
- Lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection with restart
- Two-surface operation: Briefly pressing the button switches the light on. A long press of the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion, e.g. via up to 10 power boosts
- Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) cannot be connected to the universal dimmer insert at the same time.

Rated voltage:            230 V AC, 50/60 Hz  
 Contact rating:            50 to 420 W/VA  
 Operating temperature:    -20 °C to +45 °C

**System 2000 top unit for switching and dimming 0655 ..**  
**System 2000 touch dimming top unit 2260 ..**  
**Radio top unit for switching and dimming 0543 ..** → Page 397.  
**System 2000 automatic control switch, standard top unit 1300 ..**  
**1301 ...** → Page 226.  
**System 2000 automatic control switch, comfort top unit 0661 ..**  
**0671 ...** → Page 226.  
**System 2000 automatic control switch 360° 2270 ..** → Page 228.  
**System 2000 presence detector Comfort top unit 0317 ..** → Page 229.  
**System 2000 auxiliary insert 0333 00** → Page 198.  
**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00** → Page 198.  
**Universal power boost 1035 00** → Page 203.  
**Tronic power boost 0380 00** → Page 203.  
**LV power boost 0364 00** → Page 204.



Order no.	Packing unit	PS
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2 x 50 – 220 W/VA      **2263 00**      1      02

The series dimmer is a touch dimmer with two independent universal dimming channels for switching and dimming different light sources such as: Light bulbs, HV halogen, LV halogen with Gira Tronic transformers and LV halogen with conventional transformers.

The two channels can control different load types independently of each other. The total connected load of 440 W/VA can be distributed differently to the two channels with a maximum individual channel load of 350 W/VA. Via System 2000 auxiliary unit (2-wire) **0333 00**, the two channels can be operated synchronously.

- lamp-protecting "soft start"
- Electronic short-circuit protection
- automatic excess-temperature protection with restart
- Saving of a switch-on dimming value (also via auxiliary unit)
- Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to one channel at the same time.
- screw terminals

Rated voltage:            230 V AC, 50/60 Hz  
Contact rating per channel: 50 to 260 W/VA (25 °C)  
   50 to 220 W/VA (45 °C)

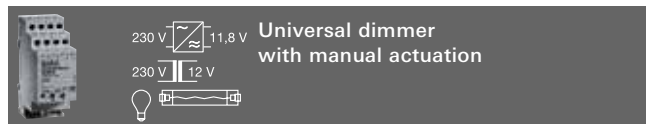
Operating temperature: -20 °C to +45 °C

**Suitable for cover plate 2264 ...**

**System 2000 auxiliary insert 0333 00 → Page 198.**



Order no.	Packing unit	PS
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50 – 500 W/VA      **1034 00**      1      02  
DRA

Universal dimmer for switching and dimming different light sources, such as:

- Light bulbs
- HV halogen
- LV halogen with Gira Tronic transformers
- LV halogen with conventional transformers

Switching and dimming commands are carried out by pressing buttons integrated on the front of the dimmer or by connected auxiliary units.

Auxiliary units: mechanical push button (NO contact), System 2000 auxiliary insert (2-wire) **0333 00**.

Possible with System 2000 auxiliary insert:

- Saving of a switch-on dimming value
- Central auxiliary unit (several universal dimmer DRAs can be operated at the same time with a central auxiliary unit)
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.

Further product features:

- lamp-protecting "soft start"
- Electronic short-circuit protection
- Automatic excess-temperature protection
- Power expansion via power boosts
- Do not connect capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) to the universal dimmer at the same time.

Rated voltage:            230 V AC, 50 Hz  
Contact rating:            50 to 500 W/VA  
Protection type:            IP 20  
Dimensions:                DRA device, 2 depth module

**System 2000 auxiliary insert 0333 00 → Page 198.**

**Universal power boost 1035 00 → Page 203.**

**Tronic power boost 0380 00 → Page 203.**

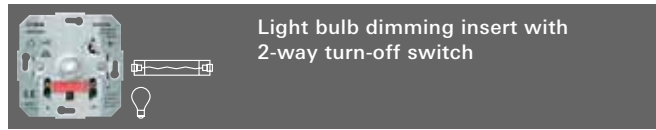
**LV power boost 0364 00 → Page 204.**





Order no.	Packing unit	PS
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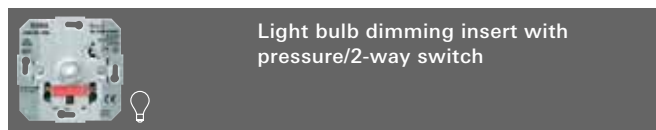
**Light bulb dimmer**



60 – 400 W      **0300 00**      1/5      02

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50 Hz. Short-circuit protection with fine-wire fuse. Power expansion, e.g. via up to 10 LV power boosts. With replacement fuse.

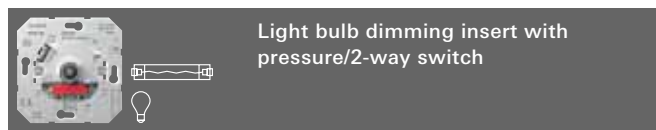
**Suitable for cover plate 0650 ...**  
**Replacement fuse T 1.6 H 250 V 049727 → Page 207.**  
**LV power boost 0364 00 → Page 204.**



60 – 400 W      **1184 00**      1/5      02

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50/60 Hz. Short-circuit protection with fine-wire fuse. Power expansion via up to 10 LV power boosts. With screw terminals.

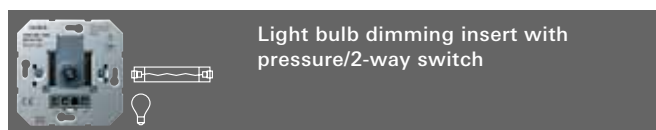
**Suitable for cover plate 0650 ...**  
**Replacement fuse T 1.6 H 250 V 049727 → Page 207.**  
**LV power boost 0364 00 → Page 204.**



60 – 600 W      **0302 00**      1/5      02

Dimming of light bulbs and HV halogen lamps with AC 230 V, 50 Hz. Short-circuit protection with fine-wire fuse. Power expansion via up to 10 LV power boosts. With spring plug-in terminals. With spare fuse.

**Suitable for cover plate 0650 ...**  
**Replacement fuse T 2.5 H 250 V 049732 → Page 207.**  
**LV power boost 0364 00 → Page 204.**



100 – 1000 W      **1181 00**      1/5      02

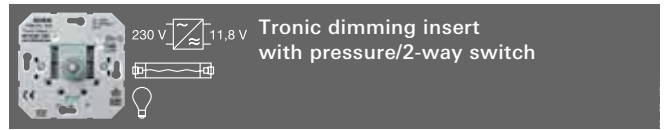
Dimming of light bulbs and HV halogen lamps with AC 230 V, 50 Hz. Electronic short-circuit protection. Automatic excess-temperature protection with restart. Power expansion via power boosts. With screw terminals.

**Suitable for cover plate 0650 ...**  
**Tronic power boost 0380 00 → Page 203.**  
**LV power boost 0364 00 → Page 204.**



Order no.	Packing unit	PS
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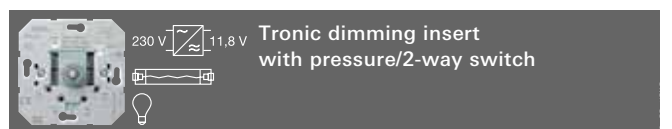
**Tronic dimmer**



20 – 360 W      **1182 00**      1/5      02

For dimming Gira Tronic transformers, 230 V light bulbs and 230 V halogen lamps. Electronic short-circuit protection. Automatic excess-temperature protection with restart. Power expansion via Gira Tronic power boosts possible. With screw terminals.

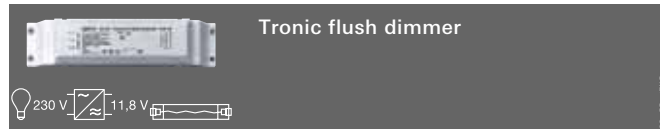
**Suitable for cover plate 0650 ...**  
**Universal power boost 1035 00 → Page 203.**  
**Tronic power boost 0380 00 → Page 203.**



20 – 525 W      **0307 00**      1/5      02

Dimming of light bulbs, HV halogen lamps or LV halogen lamps with Gira Tronic transformers with AC 230 V, 50 Hz. Electronic short-circuit protection. Automatic excess-temperature protection with restart. Power expansion via up to 10 Tronic power boosts. With spring plug-in terminals.

**Suitable for cover plate 0650 ...**  
**Universal power boost 1035 00 → Page 203.**  
**Tronic power boost 0380 00 → Page 203.**



50 – 700 W      **0381 00**      1      02

Dimming of light bulbs, HV halogen lamps or LV halogen lamps with Gira Tronic transformers with AC 230 V, 50 Hz. Switching and dimming commands are carried out through operation of auxiliary units (mechanical push buttons, NO contacts). Electronic short-circuit protection. Excess-temperature protection. Can be switched over to memory function (brightness memory). Power expansion via power boosts.

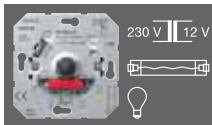
Contact rating:      50 to 700 W light bulbs  
                              50 to 700 W HV halogen  
                              50 to 700 W Gira Tronic transformer  
                              mixed loads of specified load types  
 Ambient temperature:      +45 °C  
 Protection type:      IP 20  
 Dimensions:      L x W x H 212 x 49 x 46 mm

**Universal power boost 1035 00 → Page 203.**  
**Tronic power boost 0380 00 → Page 203.**



Order no.	Packing unit	PS
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## LV dimmer



LV dimming insert with pressure/2-way switch

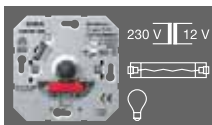
40 – 500 VA      **0306 00**      1/5      02

Dimming of light bulbs, HV halogen lamps or LV halogen lamps with conventional transformers with AC 230 V, 50 Hz. Short-circuit protection with fine-wire fuse. Automatic excess-temperature protection with restart. Power expansion, e.g. via up to 10 LV power boosts. With spring plug-in terminals.

Suitable for cover plate 0650 ...

LV power boost 0364 00 → Page 204.

Replacement fuse T 3.15 H 250 V 049735 → Page 207.



LV dimming insert with pressure/2-way switch

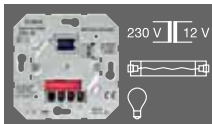
20 – 500 W/VA      **1183 00**      1/5      02

For dimming 230 V light bulbs, 230 V halogen lamps and LV halogen lamps in conjunctions with dimmable conventional transformers (AC 230/240 V, 50/60 Hz). Short circuit via fine-wire fuse. Automatic excess-temperature protection with restart. Power expansion via LV power boosts possible. With screw terminals.

Suitable for cover plate 0650 ...

LV power boost 0364 00 → Page 204.

Replacement fuse T 3.15 H 250 V 049735 → Page 207.

System 2000  
LV dimmer insert  
(touch dimmer)

20 – 500 VA      **0331 00**      1/5      02

LV dimmer for switching and dimming a host of light sources, such as:

- Light bulbs
- HV halogen
- LV halogen with conventional transformers

Auxiliary unit operation is possible.

- Lamp-protecting "soft start"
- Short circuit via fine-wire fuse
- Automatic excess-temperature protection
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Saving of a switch-on dimming value (also via auxiliary unit)
- Power expansion via up to 10 power boosts

Rated voltage: 230 V AC, 50/60 Hz

Contact rating: 20 to 500 VA (at minimum load of 85 %)

Operating temperature: -20 °C to +45 °C

System 2000 top unit for switching and dimming 0655 ..

System 2000 touch dimming top unit 2260 ..

Radio top unit for switching and dimming 0543 .. → Page 397.

System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.

System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.

System 2000 automatic control switch 360° 2270 .. → Page 228.

System 2000 presence detector Comfort top unit

0317 .. → Page 229.

System 2000 auxiliary insert 0333 00 → Page 198.

System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.

LV power boost 0364 00 → Page 204.

Replacement fuse T 2 H 250 049806 → Page 207.



Order no.	Packing unit	PS
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## Fluorescent lamp dimmer/control device



Electronic potentiometer insert with switching function for 10 V control input

**0309 00**      1/5      02

Electronic potentiometer with switching function for electronic ballasts or Tronic transformers with 1–10 V control input. Pressing the operating button switches the electronic ballasts on and off. Turning adjusts the brightness. With replacement fuse.

Contact rating: 230 V AC, 50/60 Hz

6 A ohmic load

Control current: max. 50 mA

Suitable for cover plate 0650 ...

Replacement fuse F 500 H 250 V 049722 → Page 207.



Electronic potentiometer insert with touch function for 10 V control input

**0308 00**      1/5      02

Electronic potentiometer with touch function (only in combination with remote-control switches) for electronic ballasts or Tronic transformers with 1–10 V control input. Pressing the operating button sends an impulse to the remote-control switch and switches the electronic ballasts on and off. Turning adjusts the brightness. With replacement fuse.

Contact rating: 230 V AC, 50/60 Hz

2 A ohmic load

Control current: max. 50 mA

Suitable for cover plate 0650 ...

Replacement fuse F 500 H 250 V 049722 → Page 207.



Order no.	Packing unit	PS
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System 2000  
1–10 V control device insert

1 – 10 V	<b>0860 00</b>	1/5	02
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1–10 V control device for switching and dimming electronic ballast or Gira Tronic transformers with 1–10 V interface.

- Setting of a base brightness
- Saving of a switch-on dimming value (also via auxiliary unit)
- Two-surface operation: Briefly pressing the button switches the light on. Pressing and holding the button at the top or bottom rocker half dims the lighting or makes it brighter.
- Multi-phase connection possible.

Electronic control gear generates very high current spikes. For this reason, you should use an initial current limiter or a separate load contactor with greater loads.

Switching contact:	Relay contact subject to mains potential
Rated voltage:	230 V AC, 50 Hz/60 Hz N conductor required
Connected load:	700 W light bulbs (switching only) 700 W Gira Tronic transformer type-dependent electronic ballast
1 – 10 V interface:	max. 50 mA max. 100 m input line

Switch-on current limiter 0810 00 → Page 207.

System 2000 top unit for switching and dimming 0655 ..

System 2000 touch dimming top unit 2260 ..

Radio top unit for switching and dimming 0543 .. → Page 397.

System 2000 automatic control switch, standard top unit 1300 .., 1301 ... → Page 226.

System 2000 automatic control switch, comfort top unit 0661 .., 0671 ... → Page 226.

System 2000 automatic control switch 360° 2270 .. → Page 228.

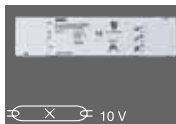
System 2000 presence detector Comfort top unit

0317 .. → Page 229.

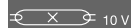
System 2000 auxiliary insert 0333 00 → Page 198.

System 2000 auxiliary insert for presence detector and automatic control switch

0335 00 → Page 198.



Control unit, 1–10 V



Surface-mounted installation housing	<b>0360 00</b>	1	02
--------------------------------------	----------------	---	----

Built-in control device for switching and dimming fluorescent lamps via electronic ballast with 1–10 V control input or Gira Tronic transformers with 1–10 V control input. Operation via mechanical push button possible.

- Lamp-protecting "soft start"
- Memory function (brightness memory)

Rated voltage:	230 V AC, 50 Hz
Control voltage:	1 to 10 V
Connected load:	2300 W ohmic load type-dependent electronic ballast
Control current:	max. 200 mA
Ambient temperature:	+50 °C
Protection type:	IP 20
Dimensions:	L x W x H 175 x 42 x 18 mm



Order no.	Packing unit	PS
-----------	--------------	----

## Power Boosts



Universal power boost

200 – 500 W/WA DRA	<b>1035 00</b>	1	02
-----------------------	----------------	---	----

DRA universal power boost for power expansion of universal dimmers, LV dimmers or Tronic dimmers. This enables the load cables of dimmers and power boosts to be switched parallel to the power expansion.

- Lamp-protecting "soft start"
- Integrated electronic short-circuit protection
- Automatic excess-temperature protection

Contact rating:	200 to 500 W/WA (more detailed information is provided in the Technical Appendix)
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

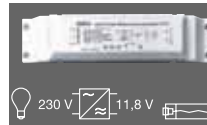
Universal dimmer 0305 00, 1034 00, 1176 00, 2263 00 → Page 199.

Tronic dimmer 0307 00, 0381 00, 1182 00 → Page 201.

Instabus universal dimming actuator 1031 00, 1032 00 → Page 369.

Radio universal dimmer 0809 00 → Page 400.

Radio universal dimming actuator, 1-gang DRA 1135 00 → Page 404.



Tronic power boost

100 – 700 W Surface-mounted installation housing	<b>0380 00</b>	1	02
---	----------------	---	----

Tronic power boost for power expansion of the Gira Tronic dimmer and Gira universal dimmer by up to 700 W.

By connecting up to 10 power boosts in parallel, extensive lighting systems of Gira Tronic transformers, 230 V light bulbs and high-voltage halogen lamps can be controlled with one dimmer. Use the same phase for Tronic dimmer and Tronic power boost.

- Lamp-protecting "soft start"
- Integrated electronic short-circuit protection
- Automatic excess-temperature protection with restart

Contact rating:	100 to 700 W light bulbs 100 to 700 W Gira Tronic transformer 100 to 700 W HV halogen mixed loads of specified load types
Ambient temperature:	+50 °C
Dimensions:	L x W x H 212 x 49 x 46 mm

Universal dimmer 0305 00, 1034 00, 1176 00, 2263 00 → Page 199.

Tronic dimmer 0307 00, 0381 00, 1182 00 → Page 201.

Light-bulb dimming insert 1181 00 → Page 201.

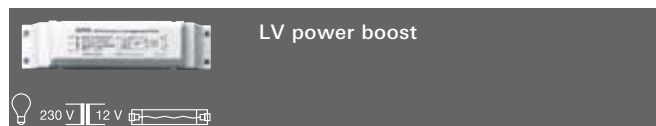
Instabus universal dimming actuator 1031 00, 1032 00, 1058 00 → Page 353.

Instabus universal dimming actuator 1031 00, 1032 00 → Page 369.

Radio universal dimming actuator, 1-gang DRA 1135 00 → Page 404.



Order no.	Packing unit	PS
-----------	--------------	----



LV power boost

**100 – 600 VA**

Surface-mounted

installation housing **0364 00** 1 02

LV power boost for power expansion of the LV dimmers by up to 600 VA.

By connecting up to 10 power boosts in parallel, extensive lighting systems of LV halogen lamps with inductive transformers or 230 V light bulbs can be controlled with one dimmer. Use the same phase for LV dimmer and LV power boost.

- Lamp-protecting "soft start"
- Integrated electronic short-circuit protection
- Automatic excess-temperature protection with restart

Contact rating: 100 to 600 W light bulbs  
100 to 500 W HV halogen  
100 to 600 VA LV halogen, wound transformer  
mixed loads of specified load types

Ambient temperature: +45 °C

Dimensions: L x W x H 212 x 49 x 46 mm

**Universal dimmer 0305 00, 1034 00, 1176 00, 2263 00** → Page 199.

**LV dimmer 0306 00, 0331 00, 1183 00** → Page 202.

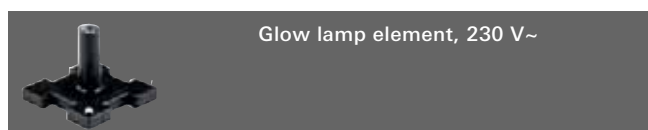
**Light bulb dimmer 0302 00, 1181 00** → Page 201.

**Instabus universal dimming actuator 1031 00, 1032 00, 1058 00** → Page 353.

**Radio universal dimmer 0335 01, 0809 00, 1185 ..., 1135 00, 2255 00** → Page 400.



Order no.	Packing unit	PS
-----------	--------------	----

**Glow lamp elements**

Glow lamp element, 230 V~

0.35 mA power consumption	<b>0995 00</b>	10/50	01
0.8 mA power consumption	<b>0996 00</b>	10/50	01
1.5 mA power consumption	<b>0997 00</b>	10/50	01

**Suitable for push switches:**

0120 .., 0122 .., 0124 .., 0136 ...

**Suitable for rocker switches:**

0102 00, 0105 00, 0106 00, 0107 00, 0112 00, 0116 00

**Suitable for push rockers:**

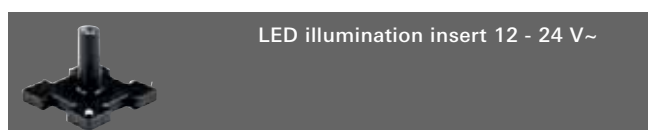
0150 00, 0151 00, 0152 00, 0156 00

**Suitable for pull switches/pull buttons**

0142 00, 0146 00, 0165 00

**Suitable for water-protected surface-mounted and surface-mounted:**

0102 .., 0106 .., 0107 .., 0112 .., 0116 .., 0146 13, 0152 .., 0156 .., 0176 .., 0177 30.



LED illumination insert 12 - 24 V~

red	<b>0992 00</b>	10	01
neutral	<b>1405 00</b>	10/50	01

20.0 mA power consumption.

**Suitable for push switches:**

0120 .., 0122 .., 0124 .., 0136 ...

**Suitable for rocker switches:**

0102 00, 0105 00, 0106 00, 0107 00, 0112 00, 0116 00

**Suitable for push rockers:**


0150 00, 0151 00, 0152 00, 0156 00

**Suitable for pull switches/pull buttons**

0142 00, 0146 00, 0165 00

**Suitable for water-protected surface-mounted and surface-mounted:**

0102 .., 0106 .., 0107 .., 0112 .., 0116 .., 0146 13, 0152 .., 0156 .., 0176 .., 0177 30.

	Order no.	Packing unit	PS
	LED illumination insert, 230 V~		
yellow 2.6 mA current consumption	<b>0497 07</b>	10/50	01
blue 0.8 mA current consumption	<b>0497 08</b>	10/50	01
red 2.6 mA current consumption	<b>0497 10</b>	10/50	01

**Suitable for push switches:**

0120 ..., 0122 ..., 0124 ..., 0136 ...

**Suitable for rocker switches:**

0102 00, 0105 00, 0106 00, 0107 00, 0112 00, 0116 00

**Suitable for push rockers:**


0150 00, 0151 00, 0152 00, 0156 00

**Suitable for pull switches/pull buttons**

0142 00, 0146 00, 0165 00

**Suitable for water-protected surface-mounted and surface-mounted:**

0102 ..., 0106 ..., 0107 ..., 0112 ..., 0116 ..., 0146 13, 0152 ..., 0156 ..., 0176 ..., 0177 30.

	Order no.	Packing unit	PS
	Acoustic element, 230 V~ with illumination		
0.8 mA power consumption	<b>0935 00</b>	1/5	01

The acoustic element with illumination makes it easier for blind people to recognise whether the illumination is on or off. Installed in the switch insert, the acoustic element generates a short, clearly audible sound when the light is switched on. When the light is switched off, no acoustic signal is generated. A reliable indication of whether the light has been switched on or off. As the switch insert is illuminated with the acoustic element, it can also be used in workshops in which both blind people and sighted people work.

Sound frequency: 2.3 kHz ± 500 Hz

**Suitable for push switches:**

0120 ..., 0121 ..., 0123 ..., 0126 ..., 0127 ..., 0130 ...

**Suitable for rocker switches:**


0106 00, 0107 00

**Suitable for push rockers:**

0151 00, 0152 00, 0156 00

**Suitable for pull switches/pull buttons:**

0146 00, 0165 00

	Order no.	Packing unit	PS
<b>Illumination inserts</b>			
	Control lamp insert 400 V~		
	<b>049800</b>	10	01


Only for 3-pole surface-mounted, water-protected control circuit breaker.

	Order no.	Packing unit	PS
	Light bulb element 12 V~ (for push buttons for low voltage up to 42 V~)		
22 – 25 mA Power consumption, housing black	<b>049814</b>	5	01


**Suitable for push buttons for low voltage up to 42 V~0153 ...**

Order no.	Packing unit	PS
-----------	--------------	----


## Light Signal and Accessories

Light signal insert		
		
0161 00	1/5	01

Can be illuminated with neon lamp elements for light signal.  
**Suitable for cover plate 0658 .., 0659 .., 0660 ...**  
**Neon lamp elements 0932 00, 0933 00, 0993 00, 0994 00, 0999 00 → Page 206.**

Illumination inserts for light signal		
		
<b>Neon lamp element</b>		
<b>230 V~</b>		
(similar to E 10) 1.4 mA	0993 00	10
2.0 mA	0999 00	10
<b>Light bulb element</b>		
<b>230 V~</b>		
(similar to E 14) 13 mA	0994 00	10
<b>Light bulb element</b>		
<b>12 V~</b>		
250 mA	0932 00	1
<b>Light bulb element</b>		
<b>24 V~</b>		
125 mA	0933 00	10

Suitable for light signal insert, water-protected surface-mounted light signal and surface-mounted light signal  
**Light signal insert 0161 00 → Page 206.**


Light signal insert E 10		
		
0160 00	1/5	01

Can be illuminated with neon-glow lamp E 10.  
**Suitable for cover plate 0658 .., 0660 ...**  
**Neon-glow lamp E 10, 2.0 mA, 049705 → Page 206.**


Neon-glow lamp E 10, 230 V~		
		
2.0 mA power consumption (EBT)	049705	10

Suitable for light signal insert E 10.  
**Light signal insert (E 10) 0160 00 → Page 206.**

Order no.	Packing unit	PS
-----------	--------------	----

Flat plug-in covering cap for light signal			
			
<b>S-Color System</b>			
red	0803 02	5	01
green	0801 02	5	01
yellow	0804 02	5	01
clear	0806 02	5	01


Can be illuminated with neon lamp elements for light signal.  
**Suitable for S-Color cover plate 0658 .. → Page 151.**

Flat plug-in covering cap for light signal			
			
<b>System 55, E22, F100</b>			
red	0803 20	5/25	11
green	0801 20	5	11
yellow	0804 20	5	11
clear	0806 20	5/25	11
clear as an information field <sup>1)</sup>	0807 20	5	11

Not suitable if the following light bulb elements are used **0932 00, 0933 00 und 0994 00.**

<sup>1)</sup>Including symbol and inscription set.

**Suitable for cover plate 0660 ...**

Covering caps with bayonet lock for light signal			
			
red	0803 01	5	01
green	0801 01	1	01
yellow	0804 01	1	01
clear	0806 01	1	01

**Suitable for cover plate 0659 ...**

Order no.	Packing unit	PS
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**Replacement Fuses**

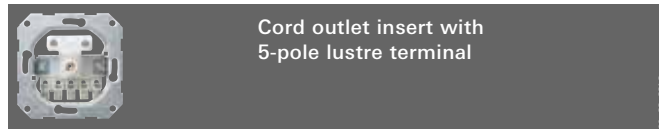


<b>F 500 H 250 V</b>		
Electronic potentiometer		
0308 00, 0309 00	049722	10 01
<b>T 1.6 H 250 V</b>		
Dimmer 400 W		
0300 00, 1184 00	049727	10 01
<b>T 2.5 H 250 V</b>		
Speed regulator		
0314 00, 0314 30, Dimmer 60 – 450 W		
0301 30		
Dimmer 60 – 600 W		
0302 00	049732	10 01
<b>T 2 H 250 V</b>		
System 2000		
LV dimmer 0331 00	049806	10 01
<b>T 3.15 H 250 V</b>		
Low-voltage dimmer		
20 – 500 VA		
0306 00	049735	1 01

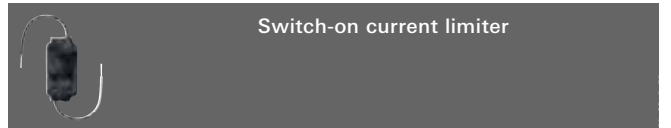
The specification of the fuse values refers to the current production status of the devices.  
It is recommended that you use original fuses only.

Order no.	Packing unit	PS
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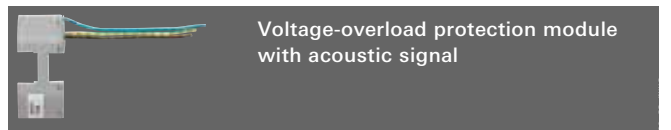
**Other**



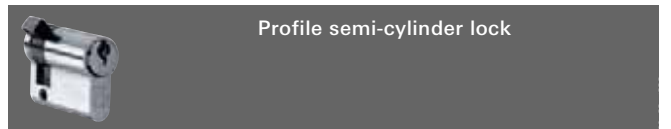
<b>0400 00</b>		
1/5		01
Connections: Screwed terminals max. 2.5 mm <sup>2</sup>		
Suitable for cover plate 0274 ...		



<b>0810 00</b>		
1/5		02
For limiting switch-on currents in the case of problem loads such as energy-saving lamps and parallel-compensated fluorescent lamps. Due to its compact dimensions, the switch-on current limiter can be installed in a normal flush-mounted wall box, e.g. behind an automatic control-switch insert (relay). The device is installed in series to the load.		
Rated voltage: 230 V / 50 Hz		
Contact rating: max. 200 W		
Ambient temperature: +25 °C		
connection: 2 flexible connection wires with length of approx. 70 mm		
Dimensions: L x W x H 50 x 32 x 12 mm		



<b>0339 00</b>		
1		02
SCHUKO socket outlets can be outfitted as voltage-overload protection socket outlets with this module. The module is simply glued onto and connected to the socket outlet base. The devices connected to the socket outlet are then protected from dangerous excess voltages.		
Maximum nominal discharge surge current: (8/20) to 4.5 kA		



<b>0001 00</b>		
1/5		02
Sorted closures <sup>1)</sup>		
with same locking types <sup>1)</sup>		
<b>0002 00</b>		
1/5		02
VdS class B <sup>2)</sup>		
<b>0003 00</b>		
5		02

For use in key switches.  
<sup>1)</sup>With 5 pin tumblers and 3 keys.  
 Basic length: 30 mm  
 Total length: 40 mm  
<sup>2)</sup>With 3 differently-locking nickle-silver keys, with safety card. VdS approval: M 198 330  
 Basic length: 31. mm  
 Total length: 41.5 mm  
**Key switch inserts 0144 00, 0163 00 → Page 193.**



Order no.	Packing unit	PS
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Pin-jack plug bracket DIN 42 801 for equipotential bonding socket

For lines up to 6 mm<sup>2</sup>

044757 5/25 01

With yellow insulating bush.

Equipotential bonding socket 0405 ...



Extension claw for flush-mounted devices

049810 10/50 01

For installation in walls having thick plaster coatings/additional wall lining. Can be mounted in the device claws.

**Not to be used for:**

Blind switches with knob, key switches for cylinder lock, time switches, time clocks, electronic devices, multiple socket outlets, telecommunication jacks, room thermostats, cooker socket outlets.



Inscription area with neutral foil

0014 00 5 01

Simply clip onto the cover plate.

Suitable for S-Color system. Can be inscribed with rub-on letters (Letraset), Dymo tape, width 7 mm.

**Particularly recommended:**

neutral inscription form 0016 00 → Page 208.



Inscription sheet set with 20 fields

0016 00 5 01

Suitable for S-Color system and water-protected surface-mounted system.

The fields (neutral, green for safety power supply, orange for supplementary power supply and a range of common inscriptions) – fabricated from a particularly rugged special foil – are adapted to typewriter line spacing. **The recommendation: Inscribe cleanly with typewriter – using spacing which conforms with the line spacing** –. Can also be inscribed using rub-on letters (Letraset), Dymo tape, width 7 mm.

Five inscription sheets – with 20 fields each – are contained in each packing unit.

Order no.	Packing unit	PS
-----------	--------------	----

### Inscription sheets/inscription software

#### Inscription sheets

<b>60.7 x 11.8 mm</b> 60 labelling fields	<b>1450 00</b>	1	09
<b>62.1 x 12.0 mm</b> 60 labelling fields	<b>1451 00</b>	1	09
<b>48.8 x 6.8 mm</b> 108 labelling fields	<b>1452 00</b>	1	09
<b>54.5 x 7.0 mm</b> 108 labelling fields	<b>1453 00</b>	1	09
<b>67.5 x 6.9 mm</b> 72 labelling fields	<b>1454 00</b>	1	09
<b>51.2 x 7.0 mm</b> 108 labelling fields	<b>1455 00</b>	1	09
<b>46.9 x 36.9 mm</b> 28 labelling fields	<b>1456 00</b>	1	09
<b>62.8 x 6.8 mm</b> 108 labelling fields	<b>1457 00</b>	1	09
<b>62.0 x 62.0 mm</b> 12 labelling fields	<b>1458 00</b>	1	09
<b>62.0 x 18.0 mm</b> 42 labelling fields	<b>1459 00</b>	1	09

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.

**Labelling software 1423 00 → Page 209.**

#### Inscription sheets for E2 cover frames suitable for

<b>Type 1</b> 10 x 6 labelling fields	<b>1411 00</b>	1	01
<b>Type 2</b> 100 x 2/2 labelling fields	<b>1412 00</b>	1	01
<b>Type 3</b> 20 x 2 labelling fields	<b>1413 00</b>	1	01

Inscription sheets in the A4 format for the cover frames E2, 1-gang to 3-gang, suitable for inscription. Can be printed with most commercially available laser and ink-jet printers.

**Cover frame E2 0711 22, 0712 22, 0713 22 → Page 57.**

**Labelling software 1423 00 → Page 209.**

#### Type 1

20 pre-perforated inscription sheets for E2 1-gang cover frames **0711 22** suitable for inscription.  
Six 1-gang cover frames can be inscribed per sheet.

#### Type 2

100 pre-perforated inscription sheets for E2 cover frames **0711 22** and **0712 22** suitable for inscription.  
Two 1-gang cover frames and two 2-gang cover frames can be inscribed per sheet.

#### Type 3

20 pre-perforated inscription sheets for E2 3-gang cover frames **0713 22** suitable for inscription.  
Two 3-gang cover frames can be inscribed per sheet.



	Order no.	Packing unit	PS
<b>Inscription sheets for F100</b>			
<b>69 x 67 mm</b>			
<b>9 labelling fields</b>			
cream white	2871 111	1	09
pure white	2871 112	1	09
<b>33.5 x 67 mm</b>			
<b>21 labelling fields</b>			
cream white	2872 111	1	09
pure white	2872 112	1	09
<b>21.8 x 67 mm</b>			
<b>33 labelling fields</b>			
cream white	2873 111	1	09
pure white	2873 112	1	09
<b>15.8 x 67 mm</b>			
<b>48 labelling fields</b>			
cream white	2874 111	1	09
pure white	2874 112	1	09
<b>23.7 x 66.3 mm</b>			
<b>30 labelling fields</b>			
cream white	2875 111	1	09
pure white	2875 112	1	09
<b>11.7 x 66.3 mm</b>			
<b>63 labelling fields</b>			
cream white	2876 111	1	09
pure white	2876 112	1	09

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.

Labelling software **1423 00** → Page 209.

	Order no.	Packing unit	PS
<b>Inscription sheets for System 55/E22 push button sensor 2,</b>			
<b>Push button sensor 2, call button, flat radio wall transmitter</b>			
3 x 25 labelling fields			
38 x 54 mm	1090 00	1	06
<b>Push button sensor 2plus</b>			
2 x 35 labelling fields			
38 x 36 mm	1089 00	1	06

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.

Labelling software **1423 00** → Page 209.

#### Push button sensor 2, call button, flat radio wall transmitter

Sheet for push button sensor 2, lower operating section of push button sensor 2plus, 5-gang, call button for home stations and flat radio wall transmitter.

Scope of supply: 3 sheets with 25 spaces each

Push button sensor 2, 1011 00, 1012 .., 1013 .., 1061 .., 1062 .., 1063 .., 1064 .., 1066 .. → Page 312.

Push button sensor 2plus, 5-gang 1055.. → Page 323.

Flat radio wall transmitter 1111 .., 1113 .. → Page 386.

Call button for home station 1283 .., 1285 .. → Page 268.

#### Push button sensor 2plus

Sheet for push button sensor 2plus, 2-gang and upper operating section of push button sensor 2plus, 5-gang. For the lower operating section of push button sensor 2plus, 5-gang, the sheet **1090 00** must be used.

Scope of supply: 2 sheets with 35 spaces each

Push button sensor 2plus, 2-gang 1052 .. → Page 320.

Push button sensor 2plus, 5-gang 1055 .. → Page 323.

	Order no.	Packing unit	PS
<b>Inscription sheets for LED signal light, LED orientation light</b>			
<b>51 x 51 mm</b>			
<b>15 labelling fields</b>			
transparent	2870 00	1	09
pure white	2870 02	1	09

Pre-perforated inscription sheets of a PET foil with the A4 format for the inscription software **1423 00**. The inscription sheets can only be printed with a laser printer.

Transparent: the text cannot be read when switched off.

pure white: the text can also be read when switched off.

Labelling software **1423 00** → Page 209.

	Order no.	Packing unit	PS
<b>Labelling software DesignPro™ Edition Gira</b>			
German/English	1423 00	1	09

Software for inscribing the Gira A4 inscription sheets. Professional software solution from Avery Zweckform. With DesignPro the design and printing of labels and cards is child's play. Over 500 Avery Zweckform labels and cards are available as a template. Simply select the desired template, design it as desired and print it in the required quantity.

- Multi-layout function, i.e. each label can be designed individually
- Editor for semi-circular and circular or oval text
- Drawing tools for lines, rectangles, circles and polygons
- Barcode editor (more than 10 barcode types for industry and trade, e.g. EAN 8, EAN 13, EAN 128, Code 39, Code 2 of 5, Code 128 etc.)
- Graphic import function (e.g. BMP, WMF, TIF, JPG, PCD, PCX, EPS etc.)
- Counter function (numeric or alphabetical)
- File import via ODBC (e.g. from Access®, Excel®, dBase®, text etc.) incl. filter and sorting function
- Creation of user's own databases in dBase® format
- Automatic reading in of data carrier directories for backups
- Many practical help functions (e.g. access to system data and time or to character set tables, display of unprintable margins, anchoring of objects etc.)
- Grids, help lines and rulers for exact alignment
- Free rotating of objects
- Drag & Drop function
- CD-ROM
- System requirements: Pentium processor, Microsoft® Windows® 95/98, NT 4.0, 2000 or XP

Blinds and shutters provide protection against the sun and the cold, they act as visual shields and they protect against vandalism and break-in. The Gira blind controller 2 provides convenience, safety and economy at home, for they offer intelligent, time-dependent control options for the ups and downs of everyday life. An "astro" function ensures that the blind is run up or down punctually at sunrise and sunset. The change-over between the summer and winter time is also carried out automatically. A random generator can be used for occupied-home simulation.

With the Gira blind controller 2 with sensor evaluation, sensors for sun, twilight, wind and glass breakage can be connected.

The electronic blind controller easy simplifies use. It can be programmed quickly and without operating instructions.

The Gira blind control system also contains the matching tube motors. And that's another convenience that will convince your customers, for then you can offer everything from one supplier. With the four different Gira tube motors you're equipped for virtually any application.

### Advantages

versatility with simple installation: Only four flush-mounted inserts are combined with the various top units according to the modular principle. Additional functions are realised with auxiliary inputs

the top units are available in all Gira switch ranges

individual, group and central control is possible



1



2



3

1  
Electronic blind controller 2  
Gira E2,  
colour aluminium

2  
Electronic blind controller easy  
Gira E2,  
colour aluminium

3  
Control button  
Gira E2,  
colour aluminium

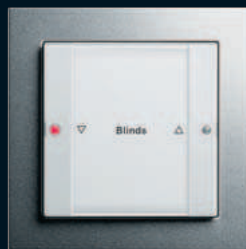
4  
Radio wall transmitter  
Gira E2,  
colour aluminium

## Blind control system

Flush-mounted inserts and accessories, top units

### Blind control system

Inserts	214
Sensors	215
Standard control button	216
Control buttons	217
Control button with sensor evaluation	217
Control button with memory function and sensor evaluation	218
Radio control button with sensor evaluation	218
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4

## Function overview









### One system that meets all requirements

The system is just as easy to install as it is versatile in use.

For only four flush-mounted inserts are combined with an extremely broad range of top units according to the modular principle – from control buttons for manual operation to the electronic blind controller with sensor evaluation. Central functions, e.g. wind sensor or master push button, are realised with auxiliary inputs.

The cables of the solar and glass-breakage sensors can always be connected VDE-compliant, regardless of whether they're installed flush-mounted, under wallpaper or surface-mounted. The flush-mounted insert offers a connection option for any case.

The top units of the Gira blind control system are available in all Gira switch ranges.

		Functions						Sensors		
		Manual operation	Radio operation	Lock-out protection/individual running time	Memory function	Time programs	Program memory	Sun sensor	Twilight sensor	Glass-breakage sensor
		•								
		•		•						
Insert without auxiliary input, without neutral conductor		•		•				•		•
Insert without auxiliary input		•			•			•		•
Insert with auxiliary input		•	•					•		•
Insert DC 24 V with auxiliary input		•			•	•				
		•		•		•	•			
		•		•		•	•	•	•	•

**The wiring decides**

The inserts of the Gira blind controller can be interconnected as desired with auxiliary inputs. This enables the controller for an individual window to become an entire system that can be centrally controlled and suitable for all tasks even in larger buildings.

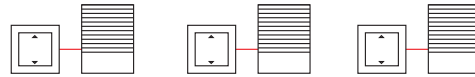
With the electronic blind controller easy no auxiliary or central function is possible – use the electronic blind controller 2 with or without sensor evaluation.

The Gira blind controller offers three control options. The control pulses can be defined completely as required and individually.

<b>Individual control</b>	manual operation
<b>Group control</b>	remote-controlled
<b>Central control</b>	sensor-controlled
	time-controlled

**Individual control**

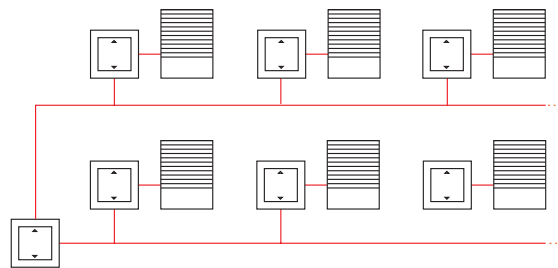
If only a few blinds must be controlled, e.g. in smaller flats, the local individual controller is the ideal solution. Of course, here as well either at the press of a button, by remote control, time or sensor-controlled.



**Group control**

If several blinds are to be controlled together, a number of controllers are combined to form a group.

One device of the system is used as a master in this case and conveys the control commands to all downstream devices. Of course, each blind can also be controlled individually locally. A group controller is practical, e.g. in a single-family house or in smaller offices.

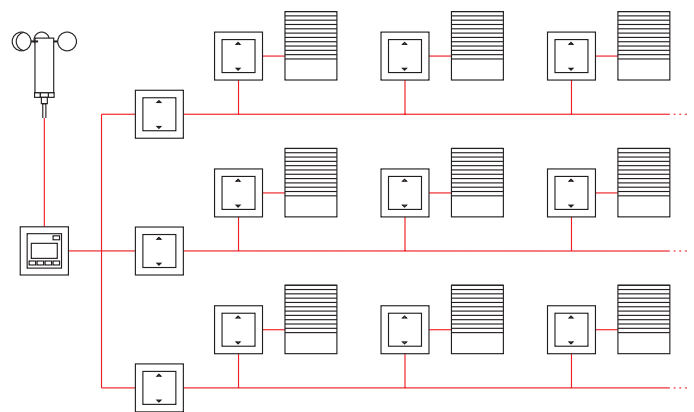


**Central control**

With larger buildings, for example office buildings, it must be possible to control all blinds centrally, for example to protect them from increasing wind. This task can also be assumed automatically by a wind sensor.

For this purpose the devices of each floor are combined in a group and an additional insert is installed as a higher-level master. The blinds can then be also controlled locally by floor or individually if necessary. Central commands can come from various devices, e.g. key switches, movement detectors or switching actuators of the Instabus KNX/EIB system.

The system automatically prevents a collision in case of contradicting commands.



Order no.	Packing unit	PS
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## Inserts



Rocker blind switch/button insert 10 A/250 V~

Switch	0159 00	10/200	01
Button	0158 00	10/200	01

With block preventing two-sided activation. Electrically and mechanically locked.

Suitable for cover plate 0294 ...

As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 214.



Blind switch/button insert 10 A/250 V~ for cover plate with knob

1-pole group button/switch	0154 00	1/5	01
2-pole push button/switch	0157 00	1/5	01

After removing the brass adjustment, can be used as a touch-locking switch.

Suitable for cover plate 0666 ...

As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 214.



Key switch insert 10 A/250 V~ for all DIN profile semi-cylinder locks

Push button 2-way switch, 1-pole (also group button)	0163 00	1/5	02
Switch 2-way switch, 2-pole (also group switch)	0144 00	1/5	02

Scope of supply: without lock. Only for screw attachment. Not suitable for mounting in surface-mounted housings.

Suitable for cover plate 0664 ...

Profile semi-cylinder locks 0001 00, 0002 00, 0003 00 → Page 207.

As auxiliary unit suitable for blind controller insert with auxiliary input 0398 00 → Page 214.



Order no.	Packing unit	PS
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Blind controller insert without auxiliary input

0399 00	1	02
---------	---	----

The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). Suitable for control of a blind or shutter motors with mechanical or electronic end-position switches

- Motor protection via relay contacts locked opposing with a minimum switchover time of 1 second

Rated voltage: 230 V, 50 Hz  
N conductor required

Contact rating: max. 1000 VA

Relay output: 2 NO contact relays (potentially charged and locked back-to-back)

Suitable for:

Control-button top units 0644 .., 0820 .., 0822 .. → Page 217.

Radio control-button top units with sensor evaluation 0545 .. → Page 218.

Electronic blind controller top units easy 0841 .. → Page 219.

Electronic blind controller top units 2 1308 .., 1309 .. → Page 219.



Blind controller insert with auxiliary input

0398 00	1	02
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The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). Suitable for control of a blind or shutter motor with mechanical or electronic end-position switches

- Mechanical buttons or additional blind controller inserts which can be connected via 230 V auxiliary inputs for setting up group controls
- „Wind-alarm function“ which can be realised via auxiliary unit inputs
- Motor protection via relay contacts locked opposing with a minimum switchover time of 1 second

Rated voltage: 230 V, 50 Hz  
N conductor required

Contact rating: max. 1000 VA

Relay output: 2 NO contact relays (potentially charged and locked back-to-back)

Blind button/switch inserts 0154 00, 0157 00 → Page 214.

Key switch inserts 0144 00, 0163 00 → Page 214.

Wind sensor Standard 0913 00 → Page 411.

Suitable for:


Control-button top units 0644 .., 0820 .., 0822 .. → Page 217.

Radio control-button top units with sensor evaluation 0545 .. → Page 218.

Electronic blind controller top units easy (no auxiliary unit function here) 0841 .. → Page 219.

Electronic blind controller top units 2 1308 .., 1309 .. → Page 219.



Order no.	Packing unit	PS
	Blind controller insert without auxiliary input, without neutral conductor connection	
A 0395 00	1	02

Discontinued product. Delivery to 31.12.2008.

The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). Suitable for control of blind or shutter motors with mechanical or electronic end-position switches. Especially well-suited as a replacement for electromechanical blind switches or buttons. **Before using the blind controller insert without a neutral conductor, check the suitability of the shutter or blind motors.**

- Installation without neutral conductor
- Without auxiliary input
- Motor protection via relay contacts locked opposing with a minimum switchover time of 1 second

Cannot be used in conjunction with cut-off relay 0382 00, 0387 00 and 0861 00.

Rated voltage: 230 V, 50 Hz  
N conductor not required  
Contact rating: max. 1000 VA  
Relay output: 2 NO contact relays (potentially charged and locked back-to-back)

Suitable for:

Control-button top units 0644 .., 0820 .., 0822 .. → Page 217.


Radio control-button top units with sensor evaluation

0545 .. → Page 218.



Electronic blind controller top units easy 0841 .. → Page 219.

Electronic blind controller top units 2 1308 .., 1309 .. → Page 219.

	Blind controller insert DC 24 V with auxiliary input	
0388 00	1	02

The blind controller insert is installed in combination with the electronic blind controller or a control button in a 60 mm flush-mounted box (deep wall box recommended). The insert enables the control of blind or shutter motors with mechanical or electronic end-position switches operated with 24 V DC. It operates according to the „pole-changing principle“ i.e. the rotating direction of the blind motor is determined by reversing the polarity of the motor outputs. A power supply unit which supplies DC 24 V SELV must be used to supply the insert and control the auxiliary inputs.

- Additional blind controller can be connected to DC 24 V via auxiliary unit inputs
- One or several motors (parallel switching possible) with a maximum total current of 3 A can be controlled
- Motor protection is provided with electronic locking of the top unit

Rated voltage: DC 24 V  
Contact rating: max. 3 A  
Relay output: 2 2-way switch relays (pole-changing circuit)

Blind button/switch inserts 0154 00, 0157 00 → Page 214.

Key switch inserts 0144 00, 0163 00 → Page 214.

Suitable for:

Control-button top units 0644 .., 0820 .., 0822 .. → Page 217.

Radio control-button top units with sensor evaluation

0545 .. → Page 218.

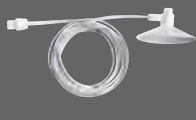
Electronic blind controller top units easy

(no auxiliary unit function here) 0841 .. → Page 219.

Electronic blind controller top units 2 1308 ..,

1309 .. → Page 219.



Order no.	Packing unit	PS
<b>Sensors</b>		
	Blind control system solar/twilight sensor indoors	
white	0930 00	1 02

The solar sensor is attached to the window pane and enables a solar protection function. The position of the sensor on the pane determines the limit to which the blind is to be driven after the brightness value is **exceeded**.

The twilight function enables automatic lowering of the blind after the brightness value is **dropped below**.

The solar sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller with sensor evaluation. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

Length of connection line: 2 m  
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

Adapter for sensors 0934 00 → Page 216.

Top unit for control button with sensor evaluation 0820 .. → Page 217.

Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.

Radio control button with sensor evaluation 0545 .. → Page 218.

Electronic blind controller top unit 2 with

sensor evaluation 1309 .. → Page 220.



	Blind control system solar/twilight sensor outdoors	
	1117 00	1 02

Together with the components of the blind control system, the solar/twilight sensor for outdoor use enables the solar protection and twilight function. These functions are dependent on the top unit used. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

- The solar protection function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**.
- The twilight function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**. The blind/shutter moves into the lower end position.

Ambient temperature: -30 °C to +70 °C  
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)  
Protection type: IP 54

Adapter for sensors 0934 00 → Page 216.

Top unit for control button with sensor evaluation 0820 .. → Page 217.

Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.

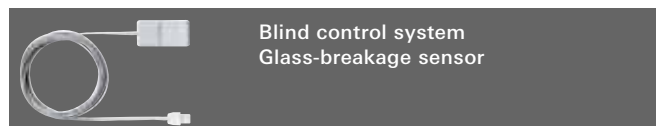
Radio control button with sensor evaluation 0545 .. → Page 218.

Electronic blind controller top unit 2 with

sensor evaluation 1309 .. → Page 220.



Order no.	Packing unit	PS
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white	<b>0931 00</b>	1/5	02
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The glass-breakage sensor is attached to the window pane (e.g. using Loctite glass-metal adhesive set). If the window pane is destroyed, the blind is moved into the lower end position.

The glass-breakage sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

Length of connection line: 2 m  
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

**Adapter for sensors 0934 00 → Page 216.**

**Top unit for control button with sensor evaluation**

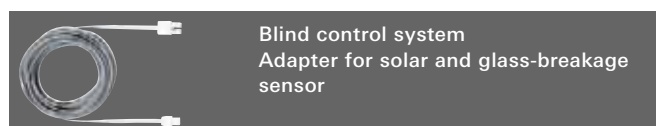
**0820 .. → Page 217.**

**Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.**

**Radio control button with sensor evaluation 0545 .. → Page 218.**

**Electronic blind controller top unit 2 with**

**sensor evaluation 1309 .. → Page 220.**



white	<b>0934 00</b>	1/5	02
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If the solar and glass-breakage sensor are connected simultaneously to a blind controller top unit, or if the connection cable is to be extended, this adapter is used.

Connection line: LIYY 2 x 0.14 mm<sup>2</sup>

Length of connection line: 5 m

**Sun and twilight sensor 0930 00 → Page 215.**

**Sun and twilight sensor for outside 1117 00 → Page 215.**

**Glass-breakage sensor 0931 00 → Page 216.**

**Top unit for control button with sensor evaluation**

**0820 .. → Page 217.**

**Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.**

**Radio control button with sensor evaluation 0545 .. → Page 218.**

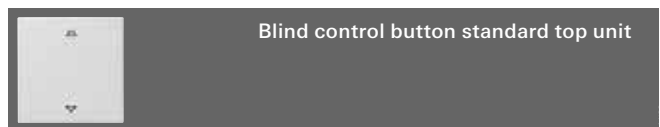
**Electronic blind controller top unit 2 with**

**sensor evaluation 1309 .. → Page 220.**



Order no.	Packing unit	PS
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### Standard control button



#### System 55

cream white glossy	<b>0634 01</b>	1	02
pure white glossy	<b>0634 03</b>	1	02
pure white matt	<b>0634 27</b>	1	02
anthracite	<b>0634 28</b>	1	02
colour aluminium	<b>0634 26</b>	1	02

#### E22

Stainless Steel	<b>0634 20</b>	1	02
Aluminium	<b>0634 203</b>	1	02
pure white glossy	<b>0634 03</b>	1	02

#### F100

cream white glossy	<b>0634 111</b>	1	02
pure white glossy	<b>0634 112</b>	1	02

#### S-Color System

pure white	<b>0634 40</b>	1	02
grey	<b>0634 42</b>	1	02
red	<b>0634 43</b>	1	02
blue	<b>0634 46</b>	1	02
black	<b>0634 47</b>	1	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0395 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.

**Blind controller insert 0388 00, 395 00, 0398 000, 399 00 → Page 214.**

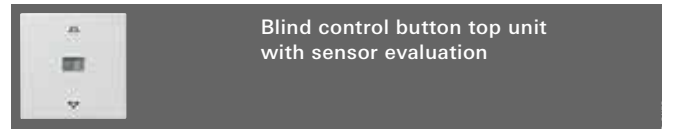
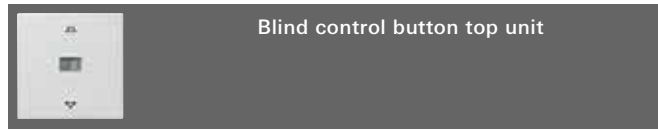


Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Control buttons**

**Control button with sensor evaluation**



<b>Blind control button top unit</b>			
<b>System 55</b>			
cream white glossy	<b>0644 01</b>	1/5	02
pure white glossy	<b>0644 03</b>	1/5	02
pure white matt	<b>0644 27</b>	1/5	02
anthracite	<b>0644 28</b>	1/5	02
colour aluminium	<b>0644 26</b>	1/5	02
<b>E22</b>			
Stainless Steel	<b>0644 20</b>	1/5	02
Aluminium	<b>0644 203</b>	1	02
pure white glossy	<b>0644 03</b>	1/5	02
<b>F100</b>			
cream white glossy	<b>0644 111</b>	1	02
pure white glossy	<b>0644 112</b>	1	02
<b>S-Color System</b>			
pure white	<b>0644 40</b>	1/5	02
grey	<b>0644 42</b>	1/5	02
red	<b>0644 43</b>	1/5	02
blue	<b>0644 46</b>	1/5	02
black	<b>0644 47</b>	1/5	02

<b>Blind control button top unit with sensor evaluation</b>			
<b>System 55</b>			
cream white glossy	<b>0820 01</b>	1/5	02
pure white glossy	<b>0820 03</b>	1/5	02
pure white matt	<b>0820 27</b>	1/5	02
anthracite	<b>0820 28</b>	1/5	02
colour aluminium	<b>0820 26</b>	1/5	02
<b>E22</b>			
Stainless Steel	<b>0820 20</b>	1/5	02
Aluminium	<b>0820 203</b>	1	02
pure white glossy	<b>0820 03</b>	1/5	02
<b>S-Color System</b>			
pure white	<b>0820 40</b>	1/5	02
grey	<b>0820 42</b>	1/5	02
red	<b>0820 43</b>	1/5	02
blue	<b>0820 46</b>	1/5	02
black	<b>0820 47</b>	1/5	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0395 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

The control button is installed in conjunction with the blind controller insert **0388 00**, **0395 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Lock-out protection:  
When activated the blind moves into the upper end position and the LED in the centre of the top unit lights up. The blind controller insert now does not accept any lowering commands via the auxiliary input. Briefly pressing a button or a power failure deactivates the lock-out protection.
- Individual running time:  
If a blind is not to move down to the lower end position („ventilation function“), a shorter running time can be „learned“. The individual running time is permanently stored. Repeated „learning“ replaces the old running time.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight
- Brightness value can be set steplessly between approx. 5,000 and 80,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.
- Lock-out protection:  
When activated the blind moves into the upper end position and the LED in the centre of the top unit lights up. The blind controller insert now does not accept any lowering commands via the auxiliary input. Briefly pressing a button or a power failure deactivates the lock-out protection.
- Individual running time:  
If a blind is not to move down to the lower end position („ventilation function“), a shorter running time can be „learned“. The individual running time is permanently stored. Repeated „learning“ replaces the old running time.

**Blind controller insert 0388 00, 395 00, 0398 000, 399 00 → Page 214.**

**Blind controller insert 0388 00, 395 00, 0398 000, 399 00 → Page 214.**

**Sun and twilight sensor 0930 00 → Page 215.**

**Sun and twilight sensor for outside 1117 00 → Page 215.**

**Glass-breakage sensor 0931 00 → Page 216.**

**Adapter for sensors 0934 00 → Page 216.**

Order no.	Packing unit	PS
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### Control button with memory function and sensor evaluation



Top unit for blind control button with memory function and sensor evaluation

System	Order no.	Packing unit	PS
<b>System 55</b>			
cream white glossy	0822 01	1/5	02
pure white glossy	0822 03	1/5	02
pure white matt	0822 27	1/5	02
anthracite	0822 28	1/5	02
colour aluminium	0822 26	1/5	02
<b>E22</b>			
Stainless Steel	0822 20	1/5	02
Aluminium	0822 203	1	02
pure white glossy	0822 03	1/5	02
<b>F100</b>			
cream white glossy	0822 111	1	02
pure white glossy	0822 112	1	02
<b>S-Color System</b>			
pure white	0822 40	1/5	02
grey	0822 42	1/5	02
red	0822 43	1/5	02
blue	0822 46	1/5	02
black	0822 47	1/5	02

The control button is installed in conjunction with the blind controller insert **0388 00**, **0395 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button

Using its individual memory capability, the control button adapts itself to an up time and down time based on the habits of the user. Both saved blind movement times are repeated in a 24-hour cycle. This results in convenient, automatic blind controller which can be used for occupied-house simulation, for example. The memory mode can be activated or deactivated at any time. Manual blind operation is always possible.

- The up or down movement times are saved by pressing and holding the respective directional button (approx. 2 seconds).
- The operating mode is changed by pressing the direction buttons simultaneously. After approx. 3 seconds, the operating mode is changed and a specific signal tone is emitted.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight
- Set brightness value of sun sensor approx. 20,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.

Blind controller insert **0388 00**, **395 00**, **0398 000**, **399 00** → Page 214.

Sun and twilight sensor **0930 00** → Page 215.

Sun and twilight sensor for outside **1117 00** → Page 215.

Glass-breakage sensor **0931 00** → Page 216.

Adapter for sensors **0934 00** → Page 216.

Order no.	Packing unit	PS
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### Radio control button with sensor evaluation



Radio blind control button with sensor evaluation

System	Order no.	Packing unit	PS
<b>System 55</b>			
cream white glossy	0545 01	1/5	02
pure white glossy	0545 03	1/5	02
pure white matt	0545 27	1/5	02
anthracite	0545 28	1/5	02
colour aluminium	0545 26	1/5	02
<b>E22</b>			
Stainless Steel	0545 20	1/5	02
Aluminium	0545 203	1	02
pure white glossy	0545 03	1/5	02
<b>F100</b>			
cream white glossy	0545 111	1	02
pure white glossy	0545 112	1	02
<b>S-Color System</b>			
pure white	0545 40	1/5	02
grey	0545 42	1/5	02
red	0545 43	1/5	02
blue	0545 46	1/5	02
black	0545 47	1/5	02

The radio control button with sensor evaluation is installed in conjunction with the blind controller insert **0388 00**, **0395 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight.
- Brightness value can be set steplessly between approx. 5,000 and 80,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.
- The end position of the blinds (all the way up, all the way down) can be combined with the illumination into light scenes.

The programming mode is set by touching the centre of the button (> 4 s).

**Please observe the planning information in the technical appendix.**

Power supply: from flush-mounted insert

Switching time with change of movement

direction: approx. 1 second

Reception frequency: 433.42 MHz

Temperature range: 0 °C to +55 °C

Blind controller insert **0388 00**, **395 00**, **0398 000**, **399 00** → Page 214.

Sun and twilight sensor **0930 00** → Page 215.

Sun and twilight sensor for outside **1117 00** → Page 215.

Glass-breakage sensor **0931 00** → Page 216.

Adapter for sensors **0934 00** → Page 216.

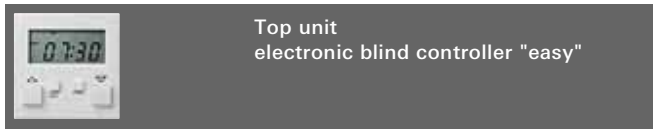
Radio controller **0358 18** → Page 384.

Radio transmitter:

**0412 00**, **0441 00**, **0511 00**, **0521 00**, **0527 00**, **1111 ..**, **1113 ..**, **2251 ..**, **2252 ..**, **2254 ..** → Page 385.

Order no.	Packing unit	PS
-----------	--------------	----

**Electronic blind controller easy**



System 55			
cream white glossy	0841 01	1/5	02
pure white glossy	0841 03	1/5	02
pure white matt	0841 27	1/5	02
anthracite	0841 28	1/5	02
colour aluminium	0841 26	1/5	02
E22			
Stainless Steel	0841 20	1/5	02
Aluminium	0841 203	1	02
pure white glossy	0841 03	1/5	02
F100			
cream white glossy	0841 111	1/5	02
pure white glossy	0841 112	1/5	02
S-Color System			
pure white	0841 40	1/5	02
grey	0841 42	1/5	02
red	0841 43	1/5	02
blue	0841 46	5	02
black	0841 47	1/5	02

The electronic blind controller is installed in conjunction with the blind controller inserts **0388 00** (no auxiliary unit function here), **0395 00** (no auxiliary unit function here) or **0398 00** (no auxiliary unit function here) or **0399 00** in a 60 mm flush-mounted box (deep box recommended).

Blind controller for programmed, time-dependent switching of a blind and shutter motor. The motor must have end-limit switches.

- Switching times preset at the factory for fast commissioning
- 4 switching times  
UP Monday through Friday, DOWN Monday through Friday  
UP Saturday and Sunday, DOWN Saturday and Sunday
- Easy, menu-driven operation and programming via a 4-button field
- Fast programming for adoption of the current time as the programmed movement time
- Programming without flush-mounted insert (in one place) possible
- Power reserve > 6 hours (maintenance-free without batteries)
- Resetting of the blind controller to the factory settings
- Manual control possible at all times
- Electronic locking of blind controller

Switching time with change of movement

direction: approx. 1 second  
Pulse duration: approx. 2 min

Pulse duration for jog

commands: approx. 250 ms

Temperature range: 0 °C to +45 °C

**Blind controller insert 0388 00, 395 00, 0398 000, 399 00 → Page 214.**

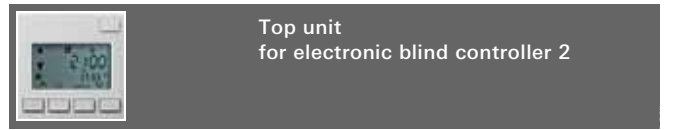
**Blind controller insert with auxiliary input (no auxiliary unit/main unit function here) 0398 00 → Page 214.**

**Blind controller insert without neutral conductor 0395 00 → Page 215.**

**Blind controller insert DC 24 V (no auxiliary unit/main unit function here) 0388 00 → Page 215.**

Order no.	Packing unit	PS
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**Electronic blind controller 2**



System 55			
cream white glossy	1308 01	1	02
pure white glossy	1308 03	1	02
pure white matt	1308 27	1	02
anthracite	1308 28	1	02
colour aluminium	1308 26	1	02
E22			
Stainless Steel	1308 20	1	02
Aluminium	1308 203	1	02
pure white glossy	1308 03	1	02
F100			
cream white glossy	1308 111	1	02
pure white glossy	1308 112	1	02
S-Color System			
pure white	1308 40	1	02
grey	1308 42	1	02
red	1308 43	1	02
blue	1308 46	1	02
black	1308 47	1	02

The electronic blind controller 2 is installed in conjunction with the blind controller inserts **0388 00**, **0395 00** or **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended).

Electronic blind controller for programmed, time-dependent switching of a blind and shutter motor.

- Easy, menu-driven operation and programming via a 4-button field
- Display of the next movement time with all active functions and the current time
- 3 program memories for a total of up to 18 switching times
- Switching times preset at the factory for fast commissioning
- Programmed movement times are permanently stored. The date and time are stored for several hours maintenance-free without batteries.
- Resetting of the blind controller to the factory settings
- Random function (movement times are shifted by ± 15 minutes)
- Astro function with astro time shift (± 2 hours) for individual adjustment to the local conditions
- Random and astro function combinable
- Automatic summer/winter changeover (can be deactivated)
- Individual motor running time can be set
- Manual control possible at all times
- Evaluation of auxiliary unit in DOWN direction can be deactivated (lock-out protection)
- Electronic locking of blind controller

Switching time with change of movement

direction: approx. 1 second  
Pulse duration: approx. 2 min (adjustable)

Pulse duration for jog

commands: approx. 100 ms

Temperature range: 0 °C to +45 °C

**Blind controller insert 0388 00, 395 00, 0398 000, 399 00 → Page 214.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Electronic blind controller 2 with sensor evaluation



Top unit  
for electronic blind controller 2  
with sensor evaluation

#### System 55

cream white glossy	1309 01	1	02
pure white glossy	1309 03	1	02
pure white matt	1309 27	1	02
anthracite	1309 28	1	02
colour aluminium	1309 26	1	02

#### E22

Stainless Steel	1309 20	1	02
Aluminium	1309 203	1	02
pure white glossy	1309 03	1	02

#### F100

cream white glossy	1309 111	1	02
pure white glossy	1309 112	1	02

#### S-Color System

pure white	1309 40	1	02
grey	1309 42	1	02
red	1309 43	1	02
blue	1309 46	1	02
black	1309 47	1	02

The electronic blind controller 2 is installed in conjunction with the blind controller inserts **0388 00**, **0395 00** or **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended).

Electronic blind controller for programmed, time-dependent switching of a blind motor with the option of connecting a solar/twilight sensor and/or glass-breakage sensor.

- Easy, menu-driven operation and programming via a 4-button field
- Display of the next movement time with all active functions and the current time
- 3 program memories for a total of up to 18 switching times
- Switching times preset at the factory for fast commissioning
- Programmed movement times are permanently stored. The date and time are stored for several hours maintenance-free without batteries.
- Resetting of the blind controller to the factory settings
- Random function (movement times are shifted by  $\pm 15$  minutes)
- Astro function with astro time shift ( $\pm 2$  hours) for individual adjustment to the local conditions
- Random and astro function combinable
- Automatic summer/winter changeover (can be deactivated)
- Individual motor running time can be set
- Manual control possible at all times
- Evaluation of auxiliary unit in DOWN direction can be deactivated (lock-out protection)
- Electronic locking of blind controller

With solar/twilight sensor **0930 00** or **1117 00**:

- Solar protection function to protect plants and furnishings from direct sunlight or to prevent a room from heating up (when an outside sensor **1117 00** is used, a separate running time can be set).
- Brightness value for the solar protection function can be set between approx. 1,500 and 80,000 lux.
- Twilight function for automatic lowering of the blind when it becomes dark (however, at twilight blind moves 2 hours prior to astro time and movement time at the earliest).
- Brightness value for the twilight protection function can be set between approx. 6 and 300 lux.
- Delay function for the automatic lowering of the blind in darkness (at twilight blind moves between the programmed movement time and change in times of day, regardless of the astro time).

With glass-breakage sensor **0931 00**:

- If the window pane is destroyed, the blind is lowered to protect against the weather.

Switching time with  
change of movement

direction:	approx. 1 second
Pulse duration:	approx. 2 min (adjustable)
Pulse duration for jog commands:	approx. 100 ms
Temperature range:	0 °C to +45 °C

Blind controller insert **0388 00**, **395 00**, **0398 000**, **399 00** → Page 214.

Sun and twilight sensor **0930 00** → Page 215.

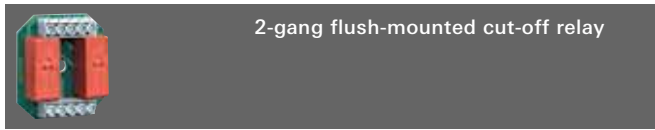
Sun and twilight sensor for outside **1117 00** → Page 215.

Glass-breakage sensor **0931 00** → Page 216.

Adapter for sensors **0934 00** → Page 216.

Order no.	Packing unit	PS
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**Cut-off relay**




2-gang flush-mounted cut-off relay

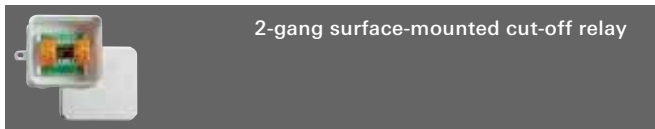
**0382 00** 1 02

Flush-mounted cut-off relay for installation in a flush-mounted wall box (deep flush-mounted wall box recommended). Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.

With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection: 230 V AC, 4 A, 100 % power-on time  
 Screw terminals: central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2

Temperature range: -25 °C to +70 °C 




2-gang surface-mounted cut-off relay

Surface-mounted **0387 00** 1 02

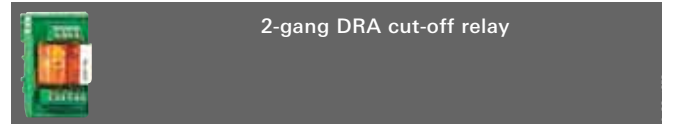
The surface-mounted cut-off relay is supplied in a water-protected junction box for installation in the blind/shutter module. Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.

With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection: 230 V AC, 4 A, 100 % power-on time  
 Screw terminals: central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2

Temperature range: -25 °C to +70 °C 

Order no.	Packing unit	PS
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2-gang DRA cut-off relay

DRA **0861 00** 1 02

DRA cut-off relay for installation on a cap profile rail. Cut-off relays are used to control several blind drives simultaneously. In each case, two drives are electrically de-coupled with one cut-off relay.

With two auxiliary inputs for the individual operation of the blinds an a central input for a central function, e.g. of a time clock or for implementing central controllers is case of distribution over several RCD switches.

Connection: 230 V AC, 4 A, 100 % power-on time  
 Screw terminals: central steel wire up, central steel wire down, 1 x L, 1 x N, 2 x drive 1, 2 x drive 2, 1 x auxiliary unit 1, 1 x auxiliary unit 2

Temperature range: -25 °C to +70 °C  
 Protection type: IP 20  
 Dimensions: DRA device, 2.5 depth module 

On. Off. All by itself. Automatic light is convenient, safe and conserves energy – for home entrances, drives, rooms used only briefly, hallways and staircases. Depending on your preferences, the device is controlled in dependence on brightness, time or movement.

The Gira product range offers various options for using this function – whether with the Gira Tectiv 220°, the presence detectors, the new automatic control switch 360° or with the automatic control switches available in all Gira switch ranges. The automatic control switch from the TX\_44 switch range can also be integrated in the Gira energy and light profiles.

#### Advantages

convenience, safety, economy

#### Observer 70:

ideal for outdoor use; with its detection field of 70° it is especially well-suited for small properties, e.g. with terraced houses

#### Gira Tectiv 220°:

ideally suited for outdoor use, with weather-resistant, water-tight, shatter-proof dome that also protects against tampering

#### automatic control switches:

available in all Gira switch ranges, it matches the remaining electrical installation, in the Gira TX\_44 range it's water-protected according to protection type IP 44, and therefore suitable for outdoor use

#### automatic control switch 360°:

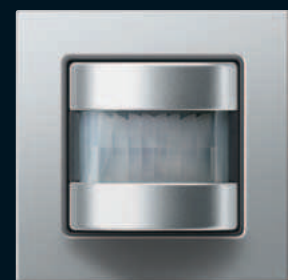
for ceiling mounting for automatic light control, e.g., in hallways and passages.

#### Presence detector design

Prof. Odo Klose, Wuppertal

#### Tectiv 220° design

Phoenix Design, Stuttgart



## Automatic light

Automatic control-switch top units, observers and accessories

### Automatic light

Automatic control switches	
System 2000 top units	226
Radio automatic control switch	228
Presence detectors	229
Tectiv 220°	231
Observer	231
Radio observer	232

1  
Gira automatic control switch 360°, pure white

2  
Observer 70, pure white

















3  
Automatic control switch Gira E 22 aluminium


4  
Gira Tectiv 220°, colour aluminium



4

## Combination options

			System 2000 inserts			
						
			<b>Triac switch insert</b>	<b>Tronic switch insert</b>	<b>Relay insert</b>	<b>Zero-voltage relay insert</b>
			Light bulbs, HV halogen lamps, LV halogen lamps for wound transformer 40 – 400 W/VA Page 196	Light bulbs, HV halogen lamps, LV halogen lamps for Gira Tronic transformers 50 – 420 W Page 195	Light bulbs, fluorescent lamps, halogen lamps ≤ 2300 W Page 196	Light bulbs, HV halogen lamps ≤ 800 W Page 197
Order No.:			0854 00	0866 00	0853 00	1148 00
	<b>Automatic control switch Standard top unit</b> low installation zone up to 1.10 m high installation zone up to 2.20 m Page 226/227	 1300 ..  1301 ..	switching	switching	switching	switching
	<b>Automatic control switch Comfort top unit</b> low installation zone up to 1.10 m high installation zone up to 2.20 m Page 226/227	 0661 ..  0671 ..	switching	switching	switching	switching
	<b>Presence detector Comfort top unit</b> Page 229	0317 ..	switching	switching	switching	switching
	<b>Automatic control switch 360°</b> Page 228	2270 ..	switching	switching	switching	switching
	<b>Top unit for switching and dimming</b> Page 24/82/115/137/169	0655 ..	switching	switching	switching	switching
	<b>Touch dimming top unit</b> Page 24/82	2260 ..				
	<b>Touch switching top unit</b> Page 12/78	2261 ..	switching	switching	switching	switching
	<b>Radio top unit for switching and dimming</b> Page 24	0543 ..	switching	switching	switching	switching

 For an installation height of 1.10 m with purely horizontally aligned detection area, and therefore no own range limitation outdoors

 For an installation height of 2.20 m with angled, vertically aligned detection area

A) Standard top units only carry out switching functions even on dimming inserts

B) On an auxiliary insert, the desired brightness value and the delay period of the top unit are not evaluated.





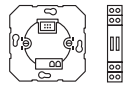


The use of automatic control switch and presence detector top units on System 2000 flush-mounted inserts requires a release status of R2 or higher for these inserts.

Use with the System 2000 impulse insert 0336 00 requires at least the release status R3 for the automatic control-switch and presence-detector top units.

A free combination of the System 2000 inserts and top units for the realisation of an extended, automatic lighting system is possible within the scope of the options described above and under observance of the permissible number of auxiliary units.



The function of the auxiliary unit (switching/dimming) is dependent on which main unit insert is used

						
<p><b>Heating/cooling relay insert</b></p> <p>with 2 relays for switching, e.g. light and heating or ventilation Ch. 1: ≤ 1000 W Ch. 2: ≤ 800 W Page 197</p> <p><b>0303 00</b></p>	<p><b>Universal dimming insert</b></p> <p>Light bulbs, HV hal. lamps, LV hal. lamps w/ Gira Tronic transf. or wound transf. 50 to 420 W/WA Page 194</p> <p><b>0305 00</b></p>	<p><b>LV dimming insert</b></p> <p>Light bulbs, HV halogen lamps, LV halogen lamps for wound transformer 20 to 500 VA Page 194</p> <p><b>0331 00</b></p>	<p><b>1 - 10 V control unit insert</b></p> <p>for switch. and dimm. electr. ballasts and Gira Tronic transformers with 1 -10 V interface ≤700W, ≤50mA Page 195</p> <p><b>0860 00</b></p>	<p><b>Impulse insert with staircase-light automatic control switch</b> Page 198</p> <p><b>0336 00</b> <b>0821 00</b></p>	<p><b>Auxiliary unit insert</b></p> <p>for presence detector and automatic control switch (3-wire) Page 198</p> <p><b>0335 00</b></p>	<p><b>Auxiliary unit insert</b></p> <p>(2-wire) Page 198</p> <p><b>0333 00</b></p>
<p>①</p>	<p>switching<sup>A)</sup></p>	<p>switching<sup>A)</sup></p>	<p>switching<sup>A)</sup></p>	<p>switching on</p>	<p>switching on<sup>B)</sup></p>	
<p>①</p>	<p>switching dimming</p>	<p>switching dimming</p>	<p>switching dimming</p>	<p>switching on</p>	<p>switching on<sup>B)</sup></p>	
<p>①</p>	<p>schalten, dimmen, Konstantlichtregelung</p>	<p>schalten, dimmen, Konstantlichtregelung</p>	<p>schalten, dimmen, Konstantlichtregelung</p>	<p>switching on</p>	<p>switching on<sup>B)</sup></p>	
<p>①</p>	<p>switching</p>	<p>switching</p>	<p>switching</p>	<p>switching on</p>	<p>switching on<sup>B)</sup></p>	
<p>②</p>	<p>switching dimming</p>	<p>switching dimming</p>	<p>switching dimming</p>	<p>switching on</p>		<p>switching, dimming, memory</p>
<p></p>	<p>switching dimming</p>	<p>switching dimming</p>	<p>switching dimming</p>			
<p>②</p>						
<p>②</p>	<p>switching dimming</p>	<p>switching dimming</p>	<p>switching dimming</p>			

① Function as heating/cooling switch:  
Channel 1 is switched on depending on the ambient brightness when movement is detected. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the top unit.

Channel 2 is switched on directly or time-delayed when a movement occurs in the detection field. The ambient brightness has no influence on the switching of Channel 2. When movement is no longer detected, the channel is switched off after the expiration of the delay time set in the insert.

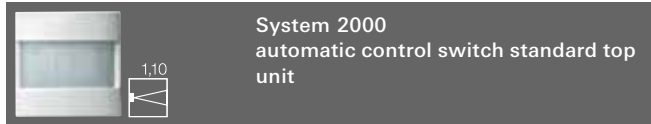
② Function as delay switch:  
Channel 1 is switched on or off during operation without delay.  
Channel 2 is switched on or off time-delayed in dependence on Channel 1.

Automatic light  
top units,  
accessories

Order no.	Packing unit	PS
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## System 2000 automatic control switch standard top unit

System 2000 inserts → Page 194.



System 2000 automatic control switch standard top unit

<b>System 55</b>			
cream white glossy	1300 01	1/5	02
pure white glossy	1300 03	1/5	02
pure white matt	1300 27	1/5	02
anthracite	1300 28	1/5	02
colour aluminium	1300 26	1/5	02
<b>E22</b>			
Stainless Steel (lacquered)	1300 20	1/5	02
Aluminium (lacquered)	1300 203	1	02
pure white glossy	1300 03	1/5	02
<b>F100</b>			
cream white glossy	1300 111	1/5	02
pure white glossy	1300 112	1/5	02
<b>S-Color System</b>			
pure white	1300 40	1/5	02
grey	1300 42	1/5	02
red	1300 43	1/5	02
blue	1300 46	1/5	02
black	1300 47	1/5	02
<b>TX_44</b>			
pure white	1300 66	1/5	02
anthracite	1300 67	1/5	02
colour aluminium	1300 65	1/5	02

The System 2000 top unit automatic control switch can be used with the System 2000 inserts as of release R2 (check ID on radio actuators).

**Suitable for indoor use only.**

The horizontal detection field has no natural limitation if used outdoors.

For this purpose, use the System 2000 top unit automatic control switch for high installation zones **0671 .., 1301 ...**

For installation height 1.10 m:

range 10 m in front, 6 m on each side.

Angle of detection 180°. Protection type IP 20 (TX\_44 = IP 44).

Power-on time fixed at approx. 2 min. Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation. Sensitivity can be set from 100 % to 20 %.

Operating temperature: -20 °C to +45 °C

**System 2000 dimmer inserts (switching only here) 0305 00, 0331 00, 0860 00 → Page 194.**

**System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 195.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**

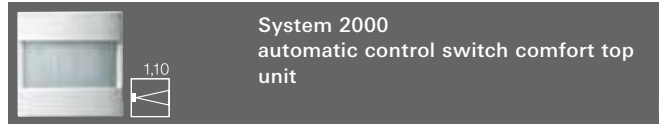
**For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



Order no.	Packing unit	PS
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## System 2000 automatic control switch comfort top unit

System 2000 inserts → Page 194.



System 2000 automatic control switch comfort top unit

<b>System 55</b>			
cream white glossy	0661 01	1	02
pure white glossy	0661 03	1	02
pure white matt	0661 27	1	02
anthracite	0661 28	1	02
colour aluminium	0661 26	1	02
<b>E22</b>			
Stainless Steel (lacquered)	0661 20	1	02
Aluminium (lacquered)	0661 203	1	02
pure white glossy	0661 03	1	02
<b>F100</b>			
cream white glossy	0661 111	1	02
pure white glossy	0661 112	1	02
<b>S-Color System</b>			
pure white	0661 40	1	02
grey	0661 42	1	02
red	0661 43	1	02
blue	0661 46	1	02
black	0661 47	1	02
<b>TX_44</b>			
pure white	0661 66	1	02
anthracite	0661 67	1	02
colour aluminium	0661 65	1	02

The System 2000 top unit automatic control switch can be used with the System 2000 inserts as of release R2 (check ID on radio actuators).

**Suitable for indoor use only.**

The horizontal detection field has no natural limitation if used outdoors.

For this purpose, use the System 2000 top unit automatic control switch for high installation zones **0671 .., 1301 ...**

For installation height 1.10 m:

range 10 m in front, 6 m on each side.

Angle of detection 180°. Protection type IP 20 (TX\_44 = IP 44).

In conjunction with a system 2000 switch insert, the automatic control switch can be set to short-term operation. Short-term operation is brightness-independent and can be used, for example, to control a bell.

When a System 2000 dimmer insert is used, the illumination is continuously dimmed to the minimum brightness within 30 seconds and then switched off, all once the set time has elapsed. A memory value, at which activation is to occur due to movement, can be saved via a System 2000 auxiliary unit.

Current ambient brightness simply saved as a brightness switching threshold via a teach-in function.

Timer duration can be set from 10 seconds to 30 min. Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation. Sensitivity can be set from 100 % to 20 %. Switchable to continuous-on, continuous-off or automatic mode via slide switch.

Operating temperature: -20 °C to +45 °C

**System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 194.**

**System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 195.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**

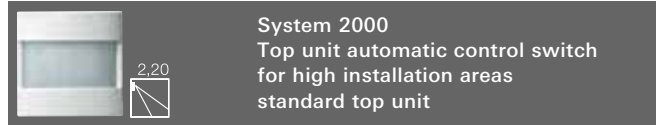
**For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



Order no.	Packing unit	PS
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**System 2000 automatic control switch for high installation areas standard top unit**

**System 2000 inserts → Page 194.**



<b>System 55</b>			
cream white glossy	<b>1301 01</b>	1/5	02
pure white glossy	<b>1301 03</b>	1/5	02
pure white matt	<b>1301 27</b>	1/5	02
anthracite	<b>1301 28</b>	1/5	02
colour aluminium	<b>1301 26</b>	1/5	02
<b>E22</b>			
Stainless Steel (lacquered)	<b>1301 20</b>	1/5	02
Aluminium (lacquered)	<b>1301 203</b>	1	02
pure white glossy	<b>1301 03</b>	1/5	02
<b>F100</b>			
cream white glossy	<b>1301 111</b>	1/5	02
pure white glossy	<b>1301 112</b>	1/5	02
<b>S-Color System</b>			
pure white	<b>1301 40</b>	5	02
grey	<b>1301 42</b>	5	02
red	<b>1301 43</b>	5	02
blue	<b>1301 46</b>	5	02
black	<b>1301 47</b>	5	02
<b>TX_44</b>			
pure white	<b>1301 66</b>	1/5	02
anthracite	<b>1301 67</b>	1/5	02
colour aluminium	<b>1301 65</b>	1/5	02

The System 2000 top unit automatic control switch can be used with System 2000 inserts as of release R2 (check ID on radio actuators).  
 For installation height 1.10 m:  
 range 6 m in front, 3 m on each side.  
 For installation height 2.20 m:  
 range 12 m in front, 6 m on each side.  
 Angle of detection 180°. Protection type IP 20 (TX\_44 = IP 44).  
 Power-on time fixed at approx. 2 min. Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation. Sensitivity can be set from 100 % to 20 %.  
 Operating temperature: -20 °C to +45 °C

**System 2000 dimmer inserts (switching only here) 0305 00, 0331 00, 0860 00 → Page 194.**  
**System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 195.**  
**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**  
**For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



Order no.	Packing unit	PS
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**System 2000 automatic control switch for high installation areas comfort top unit**

**System 2000 inserts → Page 194.**



<b>System 55</b>			
cream white glossy	<b>0671 01</b>	1	02
pure white glossy	<b>0671 03</b>	1	02
pure white matt	<b>0671 27</b>	1	02
anthracite	<b>0671 28</b>	1	02
colour aluminium	<b>0671 26</b>	1	02
<b>E22</b>			
Stainless Steel (lacquered)	<b>0671 20</b>	1	02
Aluminium (lacquered)	<b>0671 203</b>	1	02
pure white glossy	<b>0671 03</b>	1	02
<b>F100</b>			
cream white glossy	<b>0671 111</b>	1	02
pure white glossy	<b>0671 112</b>	1	02
<b>S-Color System</b>			
pure white	<b>0671 40</b>	1	02
grey	<b>0671 42</b>	1	02
red	<b>0671 43</b>	1	02
blue	<b>0671 46</b>	1	02
black	<b>0671 47</b>	1	02
<b>TX_44</b>			
pure white	<b>0671 66</b>	1	02
anthracite	<b>0671 67</b>	1	02
colour aluminium	<b>0671 65</b>	1	02

The System 2000 top unit automatic control switch can be used with System 2000 inserts as of release R2 (check ID on radio actuators).  
 For installation height 1.10 m:  
 range 6 m in front, 3 m on each side.  
 For installation height 2.20 m:  
 range 12 m in front, 6 m on each side.  
 Angle of detection 180°. Protection type IP 20 (TX\_44 = IP 44).  
 In conjunction with a system 2000 switch insert, the automatic control switch can be set to short-term operation. Short-term operation is brightness-independent and can be used, for example, to control a bell.  
 When a System 2000 dimmer insert is used, the illumination is continuously dimmed to the minimum brightness within 30 seconds and then switched off, all once the set time has elapsed. A memory value, at which activation is to occur due to movement, can be saved via a System 2000 auxiliary unit.  
 Current ambient brightness simply saved as a brightness switching threshold via a teach-in function.  
 Timer duration can be set from 10 seconds to 30 min. Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation. Sensitivity can be set from 100 % to 20 %. Switchable to continuous-on, continuous-off or automatic mode via slide switch.  
 Operating temperature: -20 °C to +45 °C

**System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 194.**  
**System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 195.**  
**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**  
**For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



Automatic light top units, accessories

Order no.	Packing unit	PS
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## System 2000 automatic control switch 360°

System 2000 inserts → Page 194.



System 2000  
Top unit automatic control switches  
360°

pure white	<b>2270 02</b>	1	02
colour aluminium	<b>2270 04</b>	1	02

The System 2000 top unit automatic control switch 360° will be used together with the System 2000 inserts as of release R2 (check ID on radio actuators). It is built into the ceiling and monitors an area below it. The automatic control switch 360° switches on the lighting depending on movement and ambient brightness.

- Expansion of the detection range through use of auxiliary units (accessories).
- Manual operation with auxiliary unit or push button, NO contact.
- Test mode/short-term operation. With System 2000 switch inserts, the automatic control switch 360° can be used to control a bell.
- Saving a memory value with System 2000 dimming inserts.
- Dimming of the light, with System 2000 dimming inserts. When the delay time has expired, the illumination is dimmed within 30 s to the minimum brightness and then switched off.
- Daytime operation.

Cross walking range:	approx. 20 m dia.
Approach range:	approx. 12 m dia.
Time duration:	approx. 1 sec. test mode/short operation approx. 10 sec. to 30 min.
Brightness:	approx. 2 to 80 lux
Operating temperature:	+5 °C to +35 °C

**System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 194.**

**System 2000 switch inserts 0303 00, 0336 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 195.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**



Order no.	Packing unit	PS
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## Radio automatic control switch



Radio automatic control switch

**System 55**

cream white glossy	<b>1306 01</b>	1	02
pure white glossy	<b>1306 03</b>	1	02
pure white matt	<b>1306 27</b>	1	02
anthracite	<b>1306 28</b>	1	02
colour aluminium	<b>1306 26</b>	1	02

**F100**

cream white glossy	<b>1306 111</b>	1	02
pure white glossy	<b>1306 112</b>	1	02

**S-Color System**

pure white	<b>1306 40</b>	1	02
grey	<b>1306 42</b>	1	02
red	<b>1306 43</b>	1	02
blue	<b>1306 46</b>	1	02
black	<b>1306 47</b>	1	02

The radio automatic control switch reacts to the movement of heat in corresponding darkness and sends a radio telegram to the assigned radio receiver. It can be integrated in all **non-metallic** cover frames. All switching/dimming actuators and the radio power section can be used as radio receivers.

The radio actuators switch the connected lighting on and remain switched on as long as movements are detected. Otherwise the lighting is switched off after a delay time of approx. 1 min. When a radio power section is used, the delay time can be set.

- Walking test mode
- Battery status display
- Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation.
- Sensitivity can be set from 100 % to 20 %.
- With an installation height of 1.10 m: Range 10 m frontal, 6 m to each side, angle of detection 180°

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium cell (CR 2450N) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	+5 °C to +35 °C
Protection type:	IP 20

**Radio controller 0358 18 → Page 384.**

**Controllable receiver:**

**0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 396.**

**Controllable receiver (switching only):**

**0335 01, 0543 .., 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.**

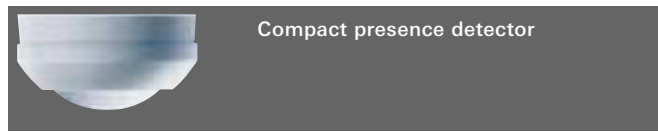
**Radio repeater 0867 00 → Page 406.**

**Radio Instabus converter 0868 00 → Page 406.**



Order no.	Packing unit	PS
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**Presence detector**



Compact presence detector

pure white	<b>1147 02</b>	1	02
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The compact presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. It is attached under the ceiling and monitors the work area located beneath it. The presence detector switches the lighting on when the set brightness is dropped below and movement is detected. It switches the lighting off again when no further movement has been registered during the set period or sufficient daylight is available.

A presence detector is **not** a transit detector.

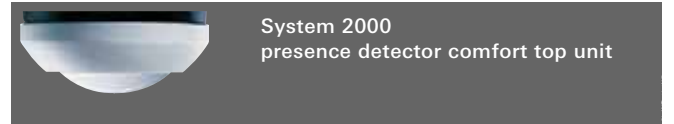
The presence detector can be switched on and off with a push button (NO contact). The detection field can be expanded by connecting several presence detectors in parallel.

With the included clip-on screen sources of interference are blocked by limiting the detection area.

Rated voltage:	230 V AC, 50/60 Hz
Contact rating:	1000 W light bulbs 1000 W HV halogen 750 VA LV halogen with wound transformer 750 W LV halogen, Gira Tronic transformer 500 VA fluorescent lamps, not compensated 400 VA fluorescent lamps, parallel-compensated
Angle of detection:	360°
Nominal range desk height:	Ø5 m
Nominal range floor:	Ø8 m
Installation height for nominal range:	2,5 m
Switch-on time:	1 s test mode approx. 10 sec. to 30 min.
Brightness:	approx. 10 to 1000 lux
Temperature range:	+5 °C to +35 °C
Protection type:	IP 20
Dimensions:	Ø x H 103 x 63 mm



Order no.	Packing unit	PS
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System 2000 presence detector comfort top unit

pure white	<b>0317 02</b>	1	02
colour aluminium	<b>0317 04</b>	1	02

The presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. It is installed in the ceiling and monitors the work area located beneath it. When a movement is detected below an adjustable brightness value, the load is switched on. The device remains switched on as long as further movements are detected and the lighting is required. When used on a System 2000 dimming insert, constant light control is possible. The lighting is initially switched on at maximum brightness. Then the lighting is dimmed so that the brightness is held constant at the desired value set on the presence detector. When combined with a System 2000 „switching insert“, the lighting is only switched. The presence detector switches off the lighting when no movement has been registered on the work area over a certain period.

A presence detector is **not** a transit detector.

To expand the detection field, the comfort presence detector is combined with a System 2000 „3-wire“ auxiliary insert for presence detectors and automatic control switches. Switching on and off with mechanical auxiliary unit or System 2000 auxiliary unit. With the included clip-on screen sources of interference are blocked by limiting the detection area.

Rated voltage:	230 V AC, 50 Hz
Angle of detection:	360°
Nominal range desk height:	Ø5 m
Nominal range floor:	Ø8 m
Installation height for nominal range:	2,5 m
Switch-on time:	1 s test mode approx. 10 sec. to 30 min.
Brightness:	approx. 10 to 1000 lux
Protection type:	IP 20
Dimensions:	Ø x H 103 x 43 mm

**System 2000 universal dimming insert 0305 00 → Page 194.**

**System 2000 LV dimmer insert 0331 00 → Page 194.**

**System 2000 1–10 V control device insert 0860 00 → Page 195.**

**System 2000 Tronic switch insert 0866 00 → Page 195.**

**System 2000 Triac switch insert 0854 00 → Page 196.**

**System 2000 relay insert 0853 00 → Page 196.**

**System 2000 relay insert, zero-voltage, 1148 00 → Page 197.**


**System 2000 HLK relay insert 0303 00 → Page 197.**

**System 2000 impulse insert 0336 00 → Page 198.**

**System 2000 auxiliary insert for presence detector and automatic control switch 0335 00 → Page 198.**

**Surface-mounted housing for presence detector 0086 02/04 → Page 230.**



	Order no.	Packing unit	PS
			
	<b>Radio presence detector</b>		
pure white	<b>0318 02</b>	1	02
colour aluminium	<b>0318 04</b>	1	02

The radio presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. When heat movement is detected, it sends a radio telegram to a radio dimming or switching actuator from Release R2 (see marking on the radio actuators). The radio presence detector is attached under the ceiling and monitors the work area located beneath it. A presence detector is **not** a transit detector.

The presence detector switches on a radio actuator when an adjustable desired brightness value is dropped below and when movement is detected. This actuator carries out a constant light control in dependence on the desired brightness value. Only 2-point control is possible with switching actuators.

The light control remains active as long as movement is detected and the desired brightness value is dropped below. When movement is no longer detected, or if the desired brightness value is exceeded, the radio actuator is switched off following a delay time. The light control can be switched on or off with a radio transmitter.

Several radio presence detectors can be used together as a system (master-slave operation) for monitoring a larger area. A maximum of 8 radio presence detectors can be used in a range zone.

With a Comfort radio hand-held transmitter it is possible to change the desired brightness setpoint or activate the additional functions „switch-on for 2 hours“ or „switch-off for 2 hours“.

Other functions:

- Light-control test mode
- Walking test mode
- Battery status display

**Please observe the planning information in the technical appendix.**

Power supply: 6 V DC  
Batteries: 4 x 1.5 V Micro LR03 (AAA) alkaline (not included in scope of supply)

Angle of detection: 360°

Nominal range desk height: Ø5 m

Nominal range floor: Ø8 m

Installation height for nominal range: 2,5 m

Time duration: Approx. 2 minutes to 1 hour

Brightness: approx. 3 to 2000 lux

Transmission frequency: 433.42 MHz

Range: approx. 100 m (free field)

Temperature range: 0 °C to +45 °C

Protection type: IP 20

Dimensions: Ø x H 103 x 43 mm

**Controllable receiver:**

**0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0543 .., 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00** → Page 396.

**Transmitter:**


**Radio remote control Comfort 0527 00** → Page 385.

**Transmitter/receiver:**

**Radio controller 0358 18** → Page 384.

**Radio repeater, surface-mounted 0867 00** → Page 406.



	Order no.	Packing unit	PS
			
	<b>Surface-mounted housing for presence detector</b>		
pure white	<b>0086 02</b>	1	01
colour aluminium	<b>0086 04</b>	1	11

For ceiling attachment.

Single or multi-point attachment possible.


Dimensions: Ø x H 103 x 45 mm

**System 2000 presence detector Comfort top unit**

**0317 ..** → Page 229.


**Instabus presence detector Standard top unit 0319 ..** → Page 334.

**Instabus presence detector comfort top unit 0304 ..** → Page 334.

	<b>Instabus KNX/EIB presence detector standard top unit</b>		
pure white	<b>0319 02</b>	1	06
colour aluminium	<b>0319 04</b>	1	06
Bus coupler	<b>0570 00</b>	1/5	06

**For use in the Gira Instabus system.**

**Functional description** → Page 334.

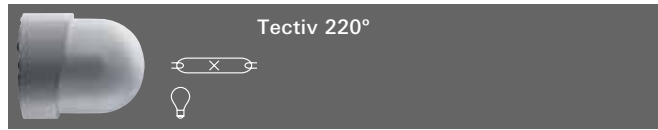
	<b>Instabus KNX/EIB presence detector comfort top unit</b>		
pure white	<b>0304 02</b>	1	06
colour aluminium	<b>0304 04</b>	1	06
Bus coupler	<b>0570 00</b>	1/5	06

**For use in the Gira Instabus system.**

**Functional description** → Page 334.

Order no.	Packing unit	PS
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**Tectiv**



pure white	<b>0817 02</b>	1	08
anthracite	<b>0817 10</b>	1	08
colour aluminium	<b>0817 04</b>	1	08

Monitor with high-resolution, focally optimised lens that allows a semi-circular monitoring field of 16 x 24 m (at an installation height of 2.40 m) with background monitoring. Microprocessor controlled signal evaluation.

Extremely simple installation via:

- Cable feeding from four directions and rear
- Plug terminals with loop-through option
- Large terminal housing
- Plug-in sensor unit

The three-position sliding design ring optimally covers the surface-mounted cable inputs when flush-mounted cable routing is used.

The detachable cover fulfills the following functions:

- Protects the electronics from wind, moisture and dirt
- Protects against accidental mis-adjustment of the sensor head
- Smooth surfaces are easy to clean
- Design is independent of sensor head alignment

Simple saving of the brightness switch threshold at the press of a button (teach-in). The brightness value, delay period and sensitivity can be steplessly configured.

- Daytime and nighttime mode
- Continuity alarm function
- Ceiling or wall installation

The operating mode can be changed with a mechanical push button (NC contact): Monitor function, 2 hours with light on, 2 hours with light off.

The area to be monitored can be optimally configured via the rotating and swivelling sensor head. Possible sources of interference can be blocked by limiting the detection area with the included adhesive strips.

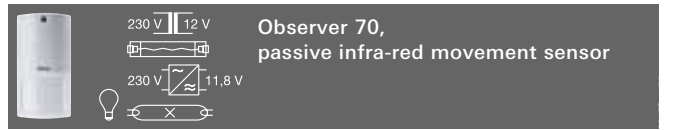
Rated voltage: 230 V AC, 50 Hz  
 Switching contact: Relay  
 Contact rating: 2500 W light bulbs  
 2500 W HV halogen  
 1200 VA fluorescent lamps, not compensated  
 Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!

Switch-on current: max. 100 A  
 Switch-on time: 1 sec. to 30 min.  
 Angle of detection: 220°  
 Recommended installation height: 2.40 m  
 Dimensions: Ø x H 105 x 120 mm  
 Operating temperature: -25 °C to +55 °C  
 Protection type: IP 55



Order no.	Packing unit	PS
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**Observers**



pure white	<b>0831 02</b>	1	08
anthracite	<b>0831 10</b>	1	08

Rectangular area of detection 11 x 8 m. Range adjustable in three stages. Brightness sensor continuously adjustable, daytime and nighttime mode.

Rated voltage: 230 V AC, 50 Hz  
 Switching contact: Relay  
 Contact rating: 1000 W light bulbs  
 1000 W HV halogen  
 750 VA LV halogen for wound transformer with at least 85 % rated load  
 750 W LV halogen, Gira Tronic transformer  
 500 VA fluorescent lamps, not compensated  
 400 VA fluorescent lamps, parallel-compensated  
 1000 VA fluorescent lamps, dual switching  
 Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!

Switch-on current: max. 15 A  
 Switch-on time: 10 s to 5 min (continuously adjustable)  
 Angle of detection: 70°  
 Recommended installation height: 2.40 m  
 Protection type: IP 55



Automatic light top units, accessories

Order no.	Packing unit	PS
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Observers 110

pure white	<b>0355 02</b>	1	08
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The semi-circular monitoring field 16 x 25 m has switching elements on three levels. With clip-on screens (vertical/horizontal) for limiting the area of detection and 3D joint. Brightness sensor continuously adjustable, daytime and nighttime mode.

Rated voltage:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	2300 W light bulbs 1000 W HV halogen 1200 VA LV halogen, for wound transformer with at least 85 % rated load 1200 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, with parallel compensation 2300 VA fluorescent lamps, dual switching
Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!	
Contact rating:	2300 W light bulbs 1000 W HV halogen 1200 VA LV halogen, for wound transformer with at least 85 % rated load 1200 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated
Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!	
Switch-on current:	max. 20 A
Switch-on time:	12 s to 12 min (continuously adjustable)
Angle of detection:	110°
Recommended installation height:	2.40 m
Protection type:	IP 54



Order no.	Packing unit	PS
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## Radio Observer



Radio observer 180/16

pure white	<b>0826 02</b>	1	08
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The radio observer reacts to heat movement and sends this information to the receiver of the radio bus system. It is operated with a 9 V block battery, and therefore requires no supply cable and can be installed in any desired location.

Switches on the receiver from the radio bus system at an ambient brightness below 80 lux with a delay period of 1 min.

When using a radio power section **0843 02** as a receiver, the power-on time and the brightness can be set. Semi-circular area of detection 16 x 32 m with 144 switching segments on 3 levels. The area of detection can be reduced using the included cover screens.

- Brightness-independent test mode for evaluating the area of detection
- Detection of insufficient battery voltage

**Please observe the planning information in the technical appendix.**

Battery:	9 V alkaline block battery ( <b>not</b> included in scope of supply)
Detection radius:	180°
Working range	3 to 80 lux, normal operation
Evaluation:	3 to 200 lux, post-triggering
Recommended installation height:	2.40 m
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55

**Radio controller 0358 18** → Page 384.

**Controllable receiver:**

**0401 .., 0404 00, 0413 00, 0424 00, 0843 02** → Page 396.

**Controllable receiver (switching only):**

**0335 01, 0543 .., 0809 00, 0865 00, 1133 00, 1185 ..,**

**2255 00** → Page 397.

**Radio repeater 0867 00** → Page 406.

**Radio Instabus converter 0868 00** → Page 406.

**Mounting materials 0839 00, 0968 02, 0838 00, 0848 00** → Page 233.





Order no.	Packing unit	PS
<b>Radio power section surface-mounted</b>		
pure white	<b>0843 02</b>	1 08

The radio power section enables switching of electrical loads. On the receipt of the radio telegram of a radio observer **0826 02** or radio presence detector **0318 02/04**, the brightness value, which when dropped below activates the system, can also be set in the radio power section.

Switch-on time: In the range 10 s to 15 min continuously adjustable

Brightness sensor: 3 to 80 lux

In combination with a conventional push button (NC contact) or a radio hand-held/wall or multi-function transmitter, additional functions (brightness-independent) in the radio power section enable switching on for the duration of the set time, permanent-on or permanent-off. In each case, the device switches back to the normal mode again after 2 hours.

Up to 30 radio channels can be allocated to the radio power section. **Please observe the planning information in the technical appendix.**

Power supply: 230 V AC, 50 Hz  
 Switching contact: Relay  
 Contact rating: 2300 W light bulbs  
 2300 W HV halogen  
 1000 VA LV halogen, wound transformer  
 1500 W LV halogen, Gira Tronic transformer  
 1200 VA fluorescent lamps, not compensated  
 920 VA fluorescent lamps, parallel-compensated  
 2300 VA fluorescent lamps, dual switching

Reception frequency: 433.42 MHz  
 Temperature range: -25 °C to +55 °C  
 Protection type: IP 55  
 Dimensions: W x H x D 110 x 94 x 38 mm

**Radio transmitter:**  
**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 385.**



Order no.	Packing unit	PS
<b>Ceiling angle bracket</b>		
	<b>0839 00</b>	1 08

For installation on the ceiling.  
**Radio observer 0826 02 → Page 232.**

Order no.	Packing unit	PS
<b>Corner angle bracket</b>		
pure white	<b>0968 02</b>	1 08

For installation, e.g. on house corners.  
**Radio observer 0826 02 → Page 232.**

Order no.	Packing unit	PS
<b>Ceiling adapter for 360° detection</b>		
	<b>0838 00</b>	1 08

For wide-scale detection up to 360° via ceiling installation.  
**Radio observer 0826 02 → Page 232.**

Order no.	Packing unit	PS
<b>Mast attachment for installation on free-standing masts</b>		
	<b>0848 00</b>	1 08

Attachment is in accordance with the tubular-bell principle. Suitable for free-standing masts with a diameter of 50 to 120 mm.  
**Radio observer 0826 02 → Page 232.**

Automatic light top units, accessories

Gira LED illumination enables the specific use of lighting accents, and therefore provides for more safety and orientation in the building.

Gira offers a wide range of LED products and accessories adapted to the its switch ranges.

#### Inscription service

The Gira inscription service allows you to professionally design LED signal lights, orientation plates, Gira door station call buttons or push button sensors according to your personal specifications. This is fast and easy to do on the Internet.

In just a few steps you can create a personal template and order via the website [www.marking.gira.com](http://www.marking.gira.com). The finished labels (available at a charge) are then sent back immediately. Alternatively, a PDF template is available free of charge on the Internet that you can print out yourself.

#### Advantages

long-life LED illumination with low power consumption for the Gira System 55 and for Gira E 22. It can also be integrated in the new Gira F100 with intermediate frames

adjustable brightness

settable light colours:  
White, blue, red, green orange

continuous running through of the entire range of colours; one of these colours can be stored as desired

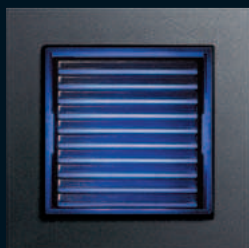
film with inscription or pictograms for equipment of the LED orientation and signal lights

pictograms of real materials for Gira E 22 Stainless Steel and Gira E 22 Aluminium

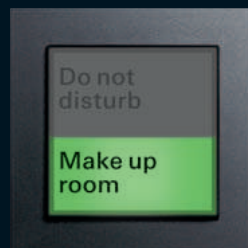
for LED orientation lights:  
Insertable slat element for light dispersion

Gira System 55 SCHUKO or earth-pin socket outlet with twilight sensor that automatically switches on the light and then switches it off again when there is enough natural light

LED illumination for TX\_44 in water-protected version in accordance with protection type IP 44 for outdoor use, in the light colours white, blue and orange



1



2



3



4

## LED illumination

### LED products and accessories

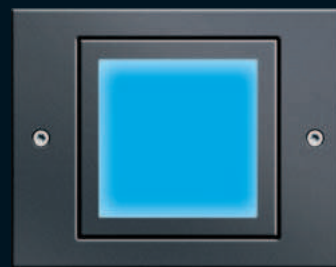
#### LED illumination

Socket outlets	236
LED signal lights	236
LED orientation lights	236
LED orientation lights with pictogram	237

- 1  
LED orientation light  
with slat element  
Gira E2, anthracite
- 2  
LED signal light red/green  
Gira E2, anthracite
- 3  
Socket outlet  
with earth pin ,  
LED orientation light  
and child protection  
Gira E2, anthracite
- 4  
LED orientation light  
with pictogram  
Gira E2, anthracite
- 5  
LED orientation light  
with pictogram  
Gira E22 Stainless Steel
- 6  
LED orientation light, blue,  
Gira TX\_44, anthracite



5



6

Order no.	Packing unit	PS
-----------	--------------	----

Order no.	Packing unit	PS
-----------	--------------	----

Socket outlets

LED illumination



SCHUKO socket outlet 16 A/250 V~ with LED orientation light, child protection and symbol

System 55			
cream white glossy	1170 01	1/5	02
pure white glossy	1170 03	1/5	02
pure white matt	1170 27	1/5	02
anthracite	1170 28	1/5	02
colour aluminium	1170 26	1/5	02

E22			
Stainless Steel (lacquered)	1170 20	1/5	02
Aluminium (lacquered)	1170 203	1/5	02
pure white glossy	1170 03	1/5	02

SCHUKO socket outlet with inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on the LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

Power consumption: 0.25 W/0.35 VA/1.5 mA  
 Standby: 0.175 W/0.25 VA/1.0 mA  
 Light intensity: 0.2 cd  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

Increased contact protection pursuant to VDE 0620.



Socket outlet with earth pin 16 A/250 V~ with LED orientation light

System 55			
<b>with child protection and  symbol<sup>1)</sup></b>			
cream white glossy	1172 01	1/5	02
pure white glossy	1172 03	1/5	02
pure white matt	1172 27	1/5	02
anthracite	1172 28	1/5	02
colour aluminium	1172 26	1/5	02

E22			
<b>with child protection and  symbol<sup>1)</sup></b>			
Stainless Steel (lacquered)	1172 20	1/5	02
Aluminium (lacquered)	1172 203	1/5	02
pure white glossy	1172 03	1/5	02

Socket outlet with earthing pin and inserted light strip. The white LEDs project a light corridor downwards. This produces indirect orientation lighting that also avoids bothersome glare in bedrooms. The integrated twilight sensor waits until twilight to automatically switch on the LED light and switches it off again when sufficient daylight is detected. The LED light is completely integrated in the cover plate, eliminating the need for separate connection.

Power consumption: 0.25 W/0.35 VA/1.5 mA  
 Standby: 0.175 W/0.25 VA/1.0 mA  
 Light intensity: 0.2 cd  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

<sup>1)</sup>Increased contact protection pursuant to VDE 0620.



LED orientation light, 230 V~

System 55			
	1169 00	1	02

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour can be set by stopping at the corresponding point. The brightness of the light can be set individually.

A film can be laid in the cover plate and can be labelled individually. Pictograms for room and route marking can be laid in. A stainless-steel slat (for reduction of glare) is included with the LED orientation light.

Power supply: 230 V AC, 50 Hz  
 Power consumption: 1.8 W/2.0 VA  
 Light intensity: 1.2 cd (white)  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

Inscription sheets 2870 .. → Page 209.



LED signal light, 230 V~, red/green

System 55			
	1171 00	1	02

F100			
cream white glossy	1171 111	1	02
pure white glossy	1171 112	1	02

With the signal light, simple signalling can be realised, e.g. for doctor's consulting rooms, conference rooms or in hotel rooms. The entire insert surface of 55 x 55 mm is divided into an upper half for the colour red and a lower half for the colour green with homogeneous illumination. The two halves can be activated separately, e.g. by using a series switch. Two inscription labels „Bitte warten“/„Bitte eintreten“ and „Do not disturb“/„Make up room“ are included.

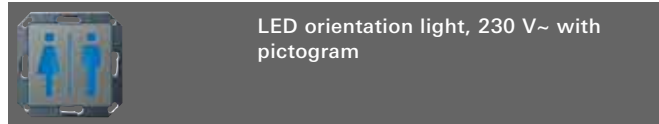
Power supply: 230 V AC, 50 Hz  
 Power consumption: 1.0 W/5.6 VA  
 Light intensity: 0.1 cd (red), 0.3 cd (green)  
 Protection type: IP 20  
 Operating temperature: -15 °C to +40 °C

Series switches for hotel-status display 1104 .. → Page 15.

Text fehlt → Page 193.

Inscription sheets 2870 .. → Page 209.

Order no.	Packing unit	PS
-----------	--------------	----



LED orientation light, 230 V~ with pictogram

**E22**

**WC Women and Men**

Stainless Steel	2791 20	1	11
Aluminium	2791 203	1	11

**WC Men**

Stainless Steel	2792 20	1	11
Aluminium	2792 203	1	11

**WC Women**

Stainless Steel	2793 20	1	11
Aluminium	2793 203	1	11

**Wheelchair**

Stainless Steel	2794 20	1	11
Aluminium	2794 203	1	11

**Staircase**

Stainless Steel	2795 20	1	11
Aluminium	2795 203	1	11

**Baby-care room**

Stainless Steel	2796 20	1	11
Aluminium	2796 203	1	11

**Information**

Stainless Steel	2797 20	1	11
Aluminium	2797 203	1	11

**Arrow**

Stainless Steel	2798 20	1	11
Aluminium	2798 203	1	11

**No smoking**

Stainless Steel	2799 20	1	11
Aluminium	2799 203	1	11

**Mobile phones prohibited**

Stainless Steel	2800 20	1	11
Aluminium	2800 203	1	11

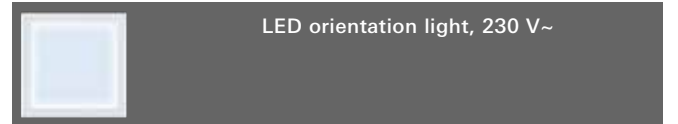
**Intermediate plate 55 x 55 mm for Stainless Steel Series 20, 21**

0289 20	5/25	11
---------	------	----

LED orientation light for private and commercial use. The orientation light is used, for example, to illuminate stairs or as an orientation aid in dark rooms. RGB LEDs are used as lighting elements. The light colours white, blue, red, green and orange can be set consecutively or a continuous cycle over the entire range of colours (approx. 5 min.) can be started via a control input. As a result, any desired colour is set by stopping at the corresponding point. The brightness of the light can be set individually.

Power supply:	230 V AC, 50 Hz
Power consumption:	1.8 W/2.0 VA
Light intensity:	0.8 cd (white)
Protection type:	IP 20
Operating temperature:	-15 °C to +40 °C

Order no.	Packing unit	PS
-----------	--------------	----



LED orientation light, 230 V~

**TX\_44**

**White LED illumination**

pure white	1161 66	1/5	13
anthracite	1161 67	1/5	13
colour aluminium	1161 65	1/5	13

**Blue LED illumination**

pure white	1162 66	1/5	13
anthracite	1162 67	1/5	13
colour aluminium	1162 65	1/5	13

**Orange LED illumination**

pure white	1159 66	1/5	13
anthracite	1159 67	1/5	13
colour aluminium	1159 65	1/5	13

LED orientation light for private and commercial use. The orientation light can be used, for example, to illuminate stairs, as an orientation guide in dark halls or as accent lighting on building walls. Either white, blue or orange LEDs are used as the light source, depending on the model. The LEDs require very little power and have a very long service life. The device is installed via a light outlet box or a normal flush-mounted panel box. For water-protected installation (IP 44), the orientation light must be installed in a flush-mounted panel box with a sealing ring (included in the scope of supply of the TX\_44 cover frame).

Power supply:	230 V AC, 50 Hz
Power consumption:	0.85 W/5.6 VA
Light intensity:	0.8 cd (white) 0.3 cd (blue) 0.4 cd (orange)
Protection type:	IP 44 for installation with sealing ring in a flush-mounted panel box
Operating temperature:	-15 °C to +50 °C

**Cover frames TX\_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67 → Page 174.**



The home stations from the Gira door communication system correspond to the design concepts of the Gira switch ranges, and therefore create a uniform appearance with the remaining electrical installation.

The Gira home stations are available in all versions for every System 55 and F100 switch range.

Stainless steel variations can be integrated into the cover frames of the Gira E22 Stainless Steel and Stainless Steel Series 20 and Series 21 switch ranges. The Gira E22 additionally offers home stations made of aluminium and thermoplastic in pure white glossy.

#### Advantages

##### Gira home stations

uniform appearance with the electrical installation through the integration in the Gira switch range, the Gira Profile 55 and the modular function profiles

a large number of possible combinations offers a great diversity of designs with a lean product range

simple programming with one-man commissioning

excellent speech quality

signal transmission and power supply for audio and video via the intelligent 2-wire bus

##### Hands-free feature surface-mounted home station

pre-assembled and ready-to-connect for simple, clean installation on the wall

low height of just 20 mm

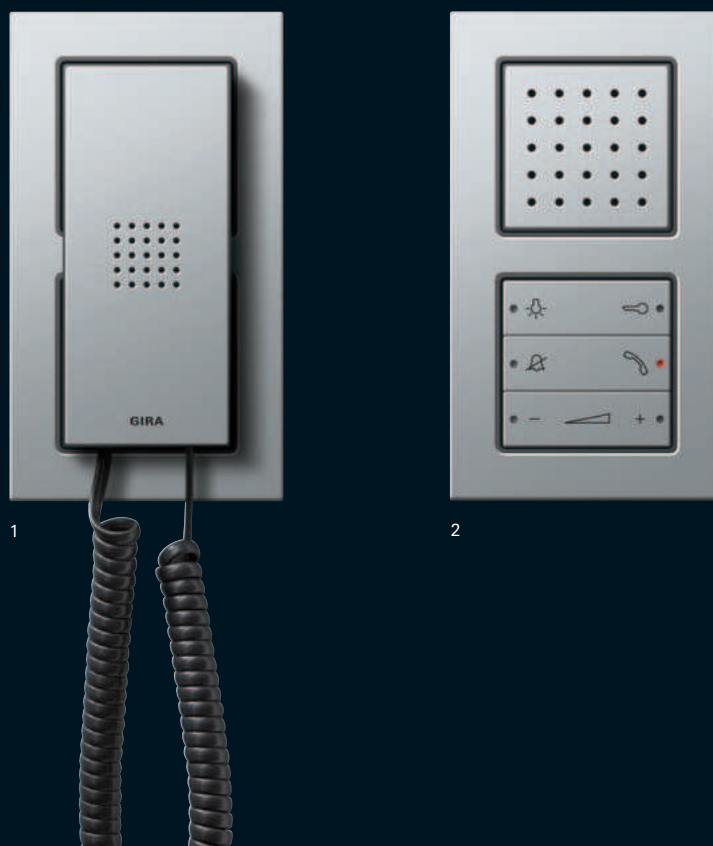
convenient, voice-controlled talk-back with no bothersome receiver cables

##### Flush-mounted home stations

expansion with TFT colour display possible

in-house calling via call button possible

the Gira switch ranges from the System 55 and E22 offer a free choice between the modern function hands-free feature and the classic version with a receiver



## Gira door communication system

### Home stations in the style of the switch range

The functionality of the Gira switch ranges is extended and the door intercom becomes part of the electrical installation with the Gira door communication system.

The home stations for the Gira Standard 55, E2, Event, Esprit, E22 and F100 switch ranges can be installed in round flush-mounted boxes. The system is based on an intelligent 2-wire bus with which modifications can still be carried out later without problems.

#### Door communication system

Flush-mounted door station	252
Door station Stainless Steel	257
Surface-mounted door station	259
Built-in loudspeaker	263
Installation profile	264
Energy profiles	264
Letterbox systems	265
Surface-mounted home station	266
Flush-mounted home station	267
TC-gateway	272
Surface-mounted gong	273
Profile 55	273
Control devices	274
Switching Actuators	276
Video accessories	276
Accessories	277

#### Gira Keyless In

#### Suitable switch ranges for home stations

Standard 55	46
E2	54
Event	60
Esprit	68
E22	74
Stainless Steel Series 21	106
F100	108
Profile 55	154
Modular function profile	158

#### Matching products for door stations

TX_44	164
Energy profiles	178

#### Gira home stations E22 Aluminium

- 1 Gira Standard home station with receiver
- 2 Gira hands-free feature home station
- 3 Hands-free feature surface-mounted home station
- 4 2-gang combination push switch/SCHUKO socket outlet with child protection E22 aluminium



3



4

The Gira home stations suitable for use with the Standard 55, E2, Event, Esprit and E22 switch ranges can be equipped with a 1.8" TFT colour display.

A 2.5" TFT colour display can be mounted in the new Gira F100.

The Gira VideoTerminal is a home station with an especially large TFT colour display. The display is 5.7" in size and offers excellent picture quality with a resolution of 640 x 480 pixels.

The Gira VideoTerminal can be installed in a flush-mounted mounting frame. A surface-mounted installation or the integration in the modular function profile is also possible.

The Gira TV gateway connects the television set to the door station functions. The picture supplied by the video camera can be displayed on the television screen.

**Advantages**  
**Gira home stations with video function**

TFT colour display with text display and menu control

High-quality picture, even when viewed at an angle.

Colour display switches on automatically when bell is actuated, and can also be switched on manually

**Gira VideoTerminal**

Simple and intuitive to operate via a backlit knob and four functions buttons

Convenient, voice-controlled talk-back without bothersome receiver cable

Suitable for surface and flush-mounted installation, surface-mounted version especially well-suited for retrofitting

Can be integrated in the module function profile if necessary

1 Gira TV Gateway: Door communication with picture-in-picture function of a television set



1



4



5



6



## Gira door communication system

### Home stations, VideoTerminal, TV gateway

The Gira home stations for flush-mounted installation can be expanded with the video function and equipped with a TFT colour display.

The colour display allows one to see from the inside who is outside in front of the door. It is activated automatically as soon as someone rings, but can be activated manually at any time. The TFT technology used here eliminates colour distortion even when viewed at an angle.

Gira VideoTerminal in flush-mounted mounting frame

- 2 White glass
- 3 Mint glass



2

3

- 3 Home station  
Hands-free feature with 1.8" TFT colour display  
Gira Esprit, black glass colour aluminium/transparent white

- 4 Standard home station with receiver and 1.8" TFT colour display  
Gira E22 Stainless Steel

- 5 Home station  
Hands-free feature with 2.5" TFT colour display  
Gira F100, pure white glossy

- 6 Gira VideoTerminal with 5.7" TFT colour display  
Black glass in flush-mounted mounting frame, colour aluminium



7

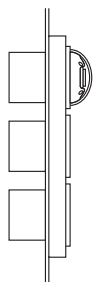
Surface-mounted door station

|→| 19 mm



Flush-mounted door station

|→| 17 mm



**Advantages**

excellent speech quality

colour camera with automatic day/night switching

theft protection by fixing the cover frame with Torx screws

**Gira flush-mounted door stations**

to match the cover frames of the Gira TX\_44 switch range, and therefore also suitable use with the Gira energy profiles

installation in flush-mounted boxes

can be integrated in letterboxes, e.g. in cooperation with Renz

modular design, can be expanded at any time with additional functions such as a colour camera

**Gira surface-mounted door stations**

especially flat with a height of just 19 mm

pre-assembled and ready-to-connect for fast installation; there are versions with an audio and with a video function

**Colours**

pure white (similar to RAL 9010), anthracite (lacquered), colour aluminium (lacquered)

**Material**

thermoplastic, shock-resistant and shatter-proof, halogen-free, UV-resistant, weather-resistant

**Protection type**

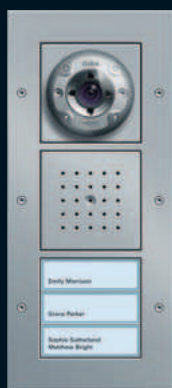
IP 44

**Inscription service**

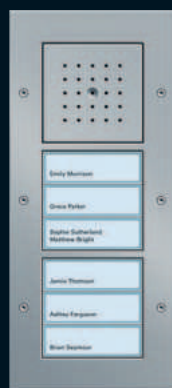
With the Gira inscription service, call buttons can be professionally designed according to your personal specifications. This is fast and easy to do on the Internet.

In just a few steps you can create a personal template and order via the website [www.marking.gira.com](http://www.marking.gira.com). The finished labels (available for a fee) are then sent back immediately. Alternatively, there is a PDF template on the internet that you can print out yourself free of charge.

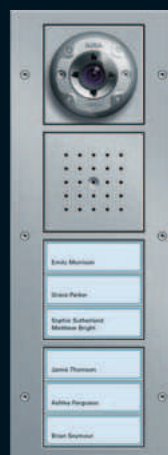
Electrical trade specialists use the "DesignPro Edition Gira" labelling software from Avery Zweckform. Gira offers suitable DIN A4 inscription sheets.



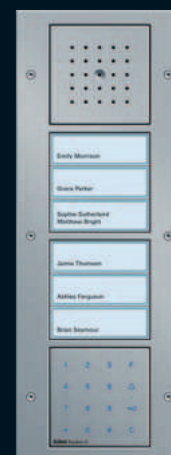
1



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# Gira door communication system

## Door stations

The Gira door communication system offers intelligent door station solutions for any application – from single-family homes to multi-family houses to large buildings with up to 68 housing units.

There are Gira door stations in surface-mounted and flush-mounted versions, solutions for integration in existing systems and options for installation in front panels and letterbox systems from various manufacturers.

### Inscription service

With the Gira inscription service, call buttons can be professionally designed according to your personal specifications. This is fast and easy to do on the Internet.

In just a few steps you can create a personal template and order via the website [www.marking.gira.com](http://www.marking.gira.com).

The finished labels (available for a fee) are then sent back immediately. Alternatively, there is a PDF template on the internet that you can print out yourself free of charge. Electrical trade specialists use the "DesignPro Edition Gira" inscription software from Avery Zweckform. Gira offers suitable DIN A4 inscription sheets.

Gira door stations  
colour aluminium

4  
Gira surface-mounted door station  
with colour camera,  
door loudspeaker and call button,  
2/3-gang

5  
Gira surface-mounted door station  
with door loudspeaker  
and two call buttons, 2/3-gang

6  
Gira flush-mounted door station  
Gira TX\_44 cover frame, 4-gang  
equipped with colour camera and  
additional call button, 2/3-gang

7  
Gira flush-mounted door station  
Gira TX\_44 cover frame, 4-gang  
equipped with additional call  
button, 2/3-fach and Keyless In  
keypad

8  
Gira energy profile  
Equipped with info module,  
colour camera, door station,  
additional call button 2/3-gang  
and Keyless In Fingerprint



Using the built-in loudspeaker, the Gira door station system can be integrated in existing door entry systems. In the process, the built-in loudspeaker acts as an adapter between the mechanical call buttons of the existing system and the Gira 2-wire bus and enables all Gira home stations to be controlled.

Through the co-operation, for example, with the manufacturer Renz, the Gira flush-mounted door stations can also be integrated in a wide range of letterbox systems on request. For example, the housings are available on order with cut-outs in which the individual functions of the Gira door stations can be installed.

The installation solution is also suitable for letterbox systems of other manufacturers.

Gira built-in loudspeaker with expansion module



5



6

# Gira door communication system

Installation solutions,  
door station stainless steel

The Gira door station stainless steel combines design and strength: It's not only beautiful with its high-quality stainless-steel front plate, it's also extremely rugged, vandal-proof and weather-resistant. The front panel, buttons and name plates match up almost seamlessly, so nothing can be inserted in the empty spaces.

In addition, it features name plates located behind security glass and concealed hands-free speech functions for protection of the loudspeaker and microphone. The bell buttons made of rugged stainless steel are also extremely durable.

The product range with the audio and video function listed in the catalogue comprises flush-mounted versions for a 1 to 12-family building.

## Advantages

**Door station stainless steel**  
rugged, ground 3 mm thick V2A stainless-steel front panel (Nirosta)

screwless installation for all variants

the mechanism for replacing the name plates is mounted covered, therefore offering protection against unauthorised access

name plates and call buttons with night illumination; even lighting via white LED elements

ready-to-connect on delivery, only the 2-wire bus must be connected

the entire product range can be equipped with Gira Keyless In products on request

first inscription of the call buttons is free of charge. Additional information available at:  
[www.marking.gira.com](http://www.marking.gira.com)

## Design

Phoenix Design, Stuttgart

## Design awards

Plus X Award 2007

iF Product Design

Award 2007,

iF Design Hannover

Gira door station

- 1 Stainless steel/2
- 2 Stainless steel/8
- 3 Stainless steel/4 with colour camera
- 4 Stainless steel/12 with colour camera



1



2



3

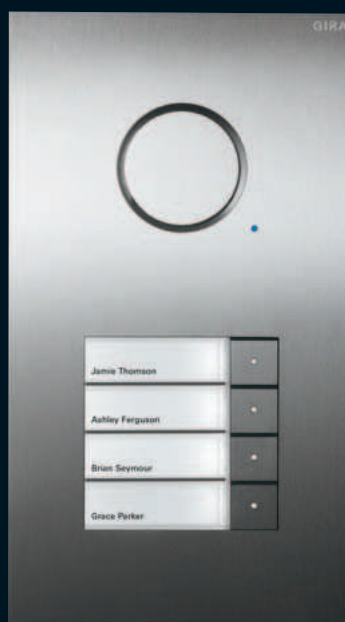


4

5  
Gira built-in loudspeaker integrated into a letterbox system from Renz, Model Group 14, stainless steel

10  
Flush-mounted door station with ten call buttons 2/3-gang and info module, integrated in an aluminium front panel from SKS

7  
Gira door station Stainless Steel/4



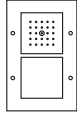
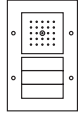




7

Equipment examples audio

1–6 devices

Surface-mounted door station, pure white

Surface-mounted hands-free feature home station, pure white glossy





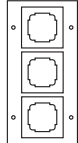
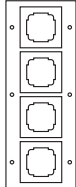



Number of devices		Surface-mounted door station with 1-gang call button, Order No.: 1266 66	Surface-mounted door station with 2/3-gang call button, Order No.: 1267 66	Surface-mounted door station with two 2/3-gang call buttons, Order No.: 1268 66	Audio control device, Order No.: 1287 00	Standard home station with receiver, Order No.: 1250 03	2-gang cover frame Standard 55 without cross-bar, Order No.: 1002 03
							
1		1			1	1	1
2			1		1	2	2
3			1		1	3	3
4				1	1	4	4
5				1	1	5	5
6				1	1	6	6

Door communication system

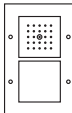
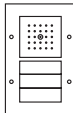
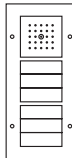



1–9 devices

Flush-mounted door station, pure white




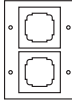
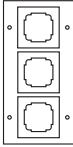
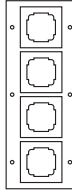



Surface-mounted hands-free feature home station, pure white glossy

Number of devices	Flush-mounted door station with 1-gang call button, Order No.: 1260 66	Flush-mounted door station with 2/3-gang call button, Order No.: 1261 66	2/3-gang call button, Order No.: 1263 00	2-gang cover frame TX_44, Order No.: 0212 66	3-gang cover frame TX_44, Order No.: 0213 66	4-gang cover frame TX_44, Order No.: 0214 66	Audio control device, Order No.: 1287 00	Hands-free feature surface-mounted home station, Order No.: 1250 03	2-gang cover frame Standard 55 without crossbar, Order No.: 1002 03
									
1	1			1			1	1	1
2		1		1			1	2	2
3		1		1			1	3	3
4		1	1		1		1	4	4
5		1	1		1		1	5	5
6		1	1		1		1	6	6
7		1	2			1	1	7	7
8		1	2			1	1	8	8
9		1	2			1	1	9	9

**1–6 devices**  
 Surface-mounted door station, pure white  
 Hands-free feature home station, pure white glossy

Number of devices		Surface-mounted door station with 1-gang call button, Order No.: 1266 66	Surface-mounted door station with 2/3-gang call button, Order No.: 1267 66	Surface-mounted door station with two 2/3-gang call buttons, Order No.: 1268 66	Audio control device, Order No.: 1287 00	Hands-free feature home station, Order No.: 1280 103	2-gang cover frame Standard 55, Order No.: 0212 03
							
1		1			1	1	1
2			1		1	2	2
3			1		1	3	3
4				1	1	4	4
5				1	1	5	5
6				1	1	6	6

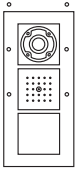
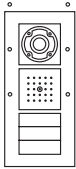



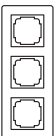
**1–9 devices**  
 Flush-mounted door station, pure white  
 Hands-free feature home station, pure white glossy

Number of devices	Flush-mounted door station with 1-gang call button, Order No.: 1260 66	Flush-mounted door station with 2/3-gang call button, Order No.: 1261 66	2/3-gang call button, Order No.: 1263 00	2-gang cover frame TX_44, Order No.: 0212 66	3-gang cover frame TX_44, Order No.: 0213 66	4-gang cover frame TX_44, Order No.: 0214 66	Audio control device, Order No.: 1287 00	Hands-free feature home station, Order No.: 1280 103	2-gang cover frame Standard 55, Order No.: 0212 03
									
1	1			1			1	1	1
2		1		1			1	2	2
3		1		1			1	3	3
4		1	1		1		1	4	4
5		1	1		1		1	5	5
6		1	1		1		1	6	6
7		1	2			1	1	7	7
8		1	2			1	1	8	8
9		1	2			1	1	9	9

Equipment examples audio

**1–3 devices**





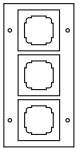
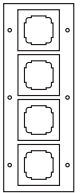



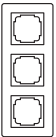
Surface-mounted door station with colour camera, pure white  
Hands-free feature home station and TFT colour display, pure white glossy

Number of devices		Surface-mounted door station with colour camera and 1-gang call button, Order No.: 1269 66	Surface-mounted door station with colour camera and 2/3-gang call button, Order No.: 1270 66	Video control device, Order No.: 1288 00	Hands-free feature home station, Order No.: 1280 103	TFT colour display, Order No.: 1286 03	3-gang cover frame Standard 55, Order No.: 0213 03
							
1		1		1	1	1	1
2			1	1	2	2	2
3			1	1	3	3	3

Door communication system


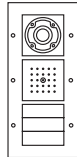



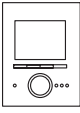
**1–6 devices**

Flush-mounted door station with colour camera, pure white  
Hands-free feature home station and TFT colour display, pure white glossy

Number of devices	Flush-mounted door station with 1-gang call button, Order No.: 1260 66	Flush-mounted door station with 2/3-gang call button, Order No.: 1261 66	2/3-gang call button, Order No.: 1263 00	Colour camera, Order No.: 1265 66	3-gang cover frame TX_44, Order No.: 0213 66	4-gang cover frame TX_44, Order No.: 0214 66	Video control device, Order No.: 1288 00	Hands-free feature home station, Order No.: 1280 103	TFT colour display, Order No.: 1286 03	3-gang cover frame Standard 55, Order No.: 0213 03
										
1	1			1	1		1	1	1	1
2		1		1	1		1	2	2	2
3		1		1	1		1	3	3	3
4		1	1	1		1	1	4	4	4
5		1	1	1		1	1	5	5	5
6		1	1	1		1	1	6	6	6





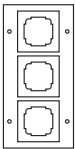
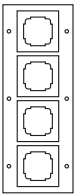






**1-3 devices**  
 Surface-mounted door station with colour camera  
 VideoTerminal in surface-mounted mounting frame, white glass

Number of devices		Surface-mounted door station with colour camera and 1-gang call button, Order No.: 1269 66	Surface-mounted door station with colour camera and 2/3-gang call button, Order No.: 1270 66	Video control device, Order No.: 1288 00	Power supply, Order No.: 2570 00	Surface-mounted mounting frame, Order No.: 1251 04	VideoTerminal, white glass, Order No.: 2600 12
							
1		1		1	1	1	1
2			1	1	2	2	2
3			1	1	3	3	3

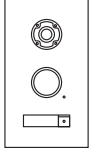
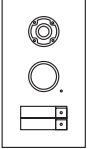



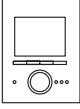
Door communication system

**1-6 devices and Gira Keyless In Fingerprint**  
 Flush-mounted door station, Keyless In Fingerprint, pure white  
 Hands-free feature home station, pure white glossy

Number of devices	Flush-mounted door station, 1-gang call button, Order No.: 1260 66	Flush-mounted door station, 2/3-gang call button, Order No.: 1261 66	2/3-gang call button, Order No.: 1263 00	Keyless In Fingerprint reader, Order No.: 2607 03	3-gang cover frame TX_44, Order No.: 0213 66	4-gang cover frame TX_44, Order No.: 0214 66	Audio control device, Order No.: 1287 00	Power supply, Order No.: 1296 00	Hands-free feature home station, Order No.: 1280 103	2-gang cover frame Standard 55, Order No.: 0212 03
										
1	1			1	1		1	1	1	1
2		1		1	1		1	1	2	2
3		1		1	1		1	1	3	3
4		1	1	1		1	1	1	4	4
5		1	1	1		1	1	1	5	5
6		1	1	1		1	1	1	6	6

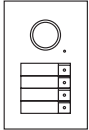
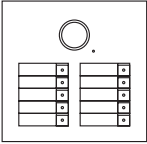



Equipment examples audio and video, door station Stainless Steel

**1-2 devices**  
 Door station Stainless Steel with colour camera  
 VideoTerminal in surface-mounted mounting frame, white glass






Number of devices	Door station Stainless Steel/1, Order No.: 2551 20	Door station Stainless Steel/2, Order No.: 2552 20	Video control device, Order No.: 1288 00	Power supply, Order No.: 2570 00	Surface-mounted mounting frame, Order No.: 1251 04	VideoTerminal, white glass, Order No.: 2600 12
						
1	1		1	1	1	1
2		1	1	2	2	2

Door communication system

**1-12 devices**  
 Door station Stainless Steel audio  
 Surface-mounted hands-free feature home station, pure white glossy

Number of devices	Door station stainless steel audio, 1-column	Door station Stainless Steel audio, 2-column	Audio control device, Order No.: 1287 00	Hands-free feature surface-mounted home station, Order No.: 1250 03	2-gang cover frame Standard 55 without crossbar, Order No. 1002 03
					
	Number of devices	Qty. Order No.:			
1	1	2501 20	1	1	1
2	1	2502 20	1	2	2
3	1	2503 20	1	3	3
4	1	2504 20	1	4	4
6	1	2506 20	1	6	6
8	1	2508 20	1	8	8
9	1	2509 20	1	9	9
10			1	10	10
12			1	12	12

**1–68 devices**  
 Built-in loudspeaker for integration into existing systems  
 Surface-mounted hands-free feature home station, pure white glossy

Number of devices		Built-in loudspeakers, Order No.: 1258 00 	Add-on module, Order No.: 1259 00 	Audio control device, Order No.: 1287 00 	Hands-free feature surface-mounted home station, Order No.: 1250 03 	2-gang cover frame Standard 55 without crossbar, Order No. 1002 03 
1		1		1	1	1
2		1		1	2	2
3		1		1	3	3
4		1		1	4	4
5		1		1	5	5
6		1		1	6	6
7		1		1	7	7
8		1		1	8	8
9		1	1	1	9	9
10		1	1	1	10	10
11		1	1	1	11	11
12		1	1	1	12	12
13		1	1	1	13	13
14		1	1	1	14	14
15		1	1	1	15	15
16		1	1	1	16	16
17		1	1	1	17	17
18		1	1	1	18	18
19		1	1	1	19	19
20		1	1	1	20	20
21		1	2	1	21	21
22		1	2	1	22	22
23		1	2	1	23	23
24		1	2	1	24	24
25		1	2	1	25	25
26		1	2	1	26	26
27		1	2	1	27	27
28		1	2	1	28	28
29		1	2	1	29	29
30		1	2	1	30	30
35		1	3	1	35	35
40		1	3	1	40	40
45		1	4	1	45	45
50		1	4	1	50	50
55		1	4	1	55	55
60		1	5	1	60	60
65		1	5	1	65	65
68		1	5	1	68	68

Door communication system

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Flush-mounted door station**



Flush-mounted door station with door loudspeaker and calling button, 1-gang

**White LED call button illumination**

pure white	1260 66	1	18
anthracite	1260 67	1	18
colour aluminium	1260 65	1	18

**Blue LED call button illumination**

pure white	1271 66	1	18
anthracite	1271 67	1	18
colour aluminium	1271 65	1	18

The flush-mounted door station offers the following product features:

- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX\_44 switch range.
- Modular structure, therefore simple installation and expandable with further components such as call buttons, info module, colour camera, Keyless In.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Call button illumination with LEDs, either white or blue. Steady, clearly visible call button illumination is achieved via the maintenance-free, energy-saving LED technology.
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .
- Binary input for connection of a zero-voltage push button (NO contact) as a call button.
- This component enables door communication systems with more than 30 devices to be set up.

- Power supply: 26 V DC ± 2 V (bus voltage)
- Bus coupler connections: two screw terminals for 2-wire bus  
two screw terminals for additional supply  
2 system bus connector strips  
1 video connector strip
- Speech insert connections: 2 system bus connector strips
- Name plate dimensions: W x H 62 x 62 mm
- Temperature range: -25 °C to +70 °C
- Protection type: IP 44

**Control device**

- Audio 1287 00 → Page 274.
- Video (for expansion by colour camera) 1288 00 → Page 275.
- Call button 1262 00, 1263 00, 1293 00, 1294 00 → Page 254.
- Info module 1264 00, 1295 00 → Page 255.
- Colour camera for flush-mounted door station 1265 .. → Page 256.
- Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.
- Energy profile 1353 .., 1354 .., 1355 .. → Page 181.
- Mounting plate 1297 00, 1298 00, 1299 00 → Page 277.
- Tri-Wing screw set 1407 00 → Page 277.
- Inscription sheets 1458 00 → Page 208.
- Labelling software 1423 00 → Page 209.

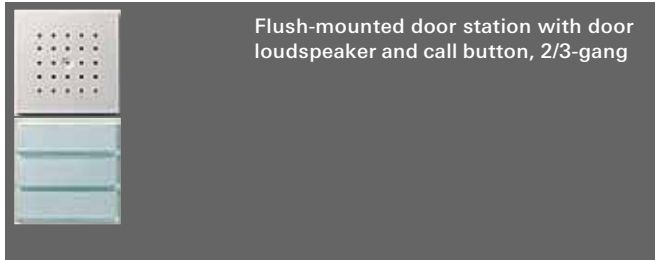
Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 265.

Front panel and flush-mounted box/surface-mounted housing for acceptance of the door communications system in cooperation with e.g. the manufacturer SKS-Kinkel → Page 265.



Order no.	Packing unit	PS
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White LED call button illumination			
pure white	1261 66	1	18
anthracite	1261 67	1	18
colour aluminium	1261 65	1	18
Blue LED call button illumination			
pure white	1272 66	1	18
anthracite	1272 67	1	18
colour aluminium	1272 65	1	18

If only 2 call buttons are required, please use call-button cover plate 1255 ...

The flush-mounted door station offers the following product features:

- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX\_44 switch range.
- Modular structure, therefore simple installation and expandable with further components such as call buttons, info module, colour camera, Keyless In.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Call button illumination with LEDs, either white or blue. Steady, clearly visible call button illumination is achieved via the maintenance-free, energy-saving LED technology.
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .
- Binary input for connection of a zero-voltage push button (NO contact) as a call button.
- This component enables door communication systems with more than 30 devices to be set up.

Order no.	Packing unit	PS
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Power supply: 26 V DC ± 2 V (bus voltage)  
 Bus coupler connections: two screw terminals for 2-wire bus  
 two screw terminals for additional supply  
 2 system bus connector strips  
 1 video connector strip  
 Speech insert connections: 2 system bus connector strips  
 Name plate dimensions: W x H 62 x 18 mm  
 Temperature range: -25 °C to +70 °C  
 Protection type: IP 44

**Control device**  
 Audio 1287 00 → Page 274.  
 Video (for expansion by colour camera) 1288 00 → Page 275.  
 Call button 1262 00, 1263 00, 1293 00, 1294 00 → Page 254.  
 Info module 1264 00, 1295 00 → Page 255.  
**Colour camera for flush-mounted door station**  
 1265 .. → Page 256.  
 Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.  
 Energy profile 1353 .., 1354 .., 1355 .. → Page 181.  
 Mounting plate 1297 00, 1298 00, 1299 00 → Page 277.  
 Call-button cover plate for call button, 2/3-gang 1255 .. → Page 277.  
 Tri-Wing screw set 1407 00 → Page 277.  
 Inscription sheets 1459 00 → Page 208.  
 Labelling software 1423 00 → Page 209.

**Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.**

**Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 265.**

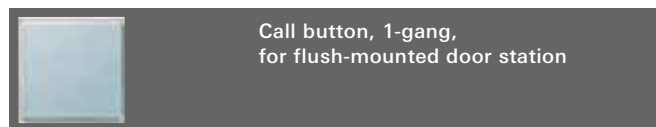
**Front panel and flush-mounted box/surface-mounted housing for acceptance of the door communications system in cooperation with e.g. the manufacturer SKS-Kinkel → Page 265.**



Door communication system

Order no.	Packing unit	PS
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Expansion modules for flush-mounted door station



Call button, 1-gang, for flush-mounted door station

White LED call button illumination			
Neutral	1262 00	1	18

Blue LED call button illumination			
Neutral	1293 00	1	18

The 1-gang call button offers the following product features:

- Expansion of the flush-mounted door station by an additional call button (up to 14 call buttons can be connected to a flush-mounted door station).
- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX\_44 switch range.
- Modular design, allowing easy installation and expansion.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Call button illumination with LEDs, either white or blue. Steady, clearly visible call button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 62 x 62 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.

Inscription sheets 1458 00 → Page 208.

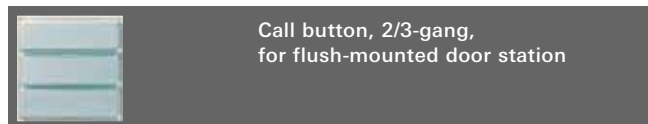
Labelling software 1423 00 → Page 209.

Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 265.

Front panel and flush-mounted box/surface-mounted housing for acceptance of the door communications system in cooperation with e.g. the manufacturer SKS-Kinkel → Page 265.

Order no.	Packing unit	PS
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Call button, 2/3-gang, for flush-mounted door station

White LED call button illumination			
Neutral	1263 00	1	18

Blue LED call button illumination			
Neutral	1294 00	1	18

Call buttons not required can be covered with the call-button cover plate 1255 ...

The 2/3-gang call button offers the following product features:

- Expansion of the flush-mounted door station by additional call buttons (up to 14 call buttons can be connected to a flush-mounted door station).
- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX\_44 switch range.
- Modular design, allowing easy installation and expansion.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Call button illumination with LEDs, either white or blue. Steady, clearly visible call button illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 62 x 18 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.

Call-button cover plate for call button, 2/3-gang 1255 .. → Page 277.

Inscription sheets 1459 00 → Page 208.

Labelling software 1423 00 → Page 209.

Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 265.

Front panel and flush-mounted box/surface-mounted housing for acceptance of the door communications system in cooperation with e.g. the manufacturer SKS-Kinkel → Page 265.

Order no.	Packing unit	PS	Order no.	Packing unit	PS
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Info module  
for flush-mounted door station

#### White LED call button illumination

Neutral	1264 00	1	18
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#### Blue LED call button illumination

Neutral	1295 00	1	18
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The info module offers the following product features:

- Expansion of the flush-mounted door station by an info module for display of the house number, name or other information.
- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX\_44 switch range.
- Modular design, allowing easy installation and expansion.
- LED backlighting, in either white or blue. Steady, clearly visible illumination is achieved via maintenance-free, energy-saving LED technology.
- Sprayed-water proof cover plate made of shock-resistant plastic.
- Inscription label can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply: via system bus  
 Connections: 2 system bus connector strips  
 Name plate dimensions: W x H 62 x 62 mm  
 Temperature range: -25 °C to +70 °C  
 Protection type: IP 44

**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.**

**Inscription sheets 1458 00 → Page 208.**

**Labelling software 1423 00 → Page 209.**


**Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.**

**Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 265.**

**Front panel and flush-mounted box/surface-mounted housing for acceptance of the door communications system in cooperation with e.g. the manufacturer SKS-Kinkel → Page 265.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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	<b>Colour camera for flush-mounted door station</b>		
pure white	<b>1265 66</b>	1	10
anthracite	<b>1265 67</b>	1	10
colour aluminium	<b>1265 65</b>	1	10

The colour camera offers the following product features:

- Installation in the 58 mm flush-mounted box.
- Fits in the cover frames of the Gira TX\_44 switch range.
- Expansion of the flush-mounted door station by a colour camera with automatic day/night switching. The camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in the night mode.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Camera can be manually swivelled 20° horizontally and vertically. In conjunction with the wide-angle lens, a very wide field of view of the door entry area results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated temperature-dependent camera heating.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.

Note: The colour camera may not be positioned directly below a light.

Power supply:	2 cameras via system bus from 3rd camera via additional power supply <b>1296 00</b>
Camera insert connections:	2 system bus connector strips 1 video connector strip
Image capture element:	CCD sensor 1/3"
Wide-angle objective:	150° Aperture angle
Visible detection range:	Angle of detection of the camera 100°
Detectable area (with 20° swivelling):	140°
Colour system:	PAL
Pixels:	500 (H) x 582 (V)
Horizontal resolution:	380 TV lines
Switching threshold colour to B/W operation:	1 lux
Light sensitivity in B/W operation:	0.1 lux
Electronic shutter close time:	up to 1/1000000 s
IR filter:	integrated
Recommended camera installation height:	1.50 m
Temperature range:	-20 °C to +50 °C
Protection type:	IP 44

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.  
 Video control device 1288 00 → Page 275.  
 Video distributor 1292 00 → Page 276.  
 Audio/video connection cable set 50 cm 1273 00 → Page 276.

Suitable for use in energy profile 1354 .., 1355 .., 1356 .. → Page 181.

**Not suitable for use in** energy profile with light (1600 mm, 3 x empty) 1353 ...

Installation profile for integration in letter box systems, mounting plates and door side installations, e.g. of the manufacturers JU-Metallwaren, Normbau 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.

Gira door communications system in letter box systems in cooperation with the manufacturer RENZ → Page 265.

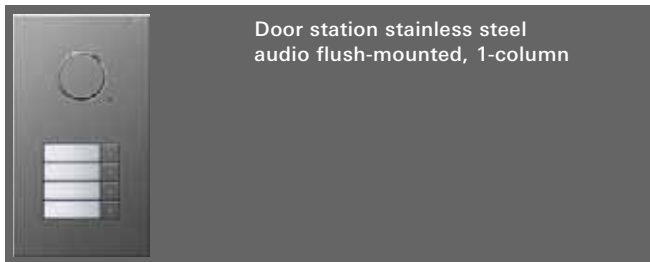
Front panel and flush-mounted box/surface-mounted housing for acceptance of the door communications system in cooperation with e.g. the manufacturer SKS-Kinkel → Page 265.





Order no.	Packing unit	PS
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### Door station stainless steel



Door station stainless steel audio flush-mounted, 1-column

<b>1-gang</b> Stainless Steel	<b>2501 20</b>	1	18
<b>2-gang</b> Stainless Steel	<b>2502 20</b>	1	18
<b>3-gang</b> Stainless Steel	<b>2503 20</b>	1	18
<b>4-gang</b> Stainless Steel	<b>2504 20</b>	1	18
<b>6-gang</b> Stainless Steel	<b>2506 20</b>	1	18
<b>8-gang</b> Stainless Steel	<b>2508 20</b>	1	18
<b>9-gang</b> Stainless Steel	<b>2509 20</b>	1	18



Door station stainless steel audio flush-mounted, 2-column

<b>10-gang</b> Stainless Steel	<b>2510 20</b>	1	18
<b>12-gang</b> Stainless Steel	<b>2512 20</b>	1	18

The Gira door station stainless steel is a fully pre-assembled door station protected against vandalism (front panel and flush-mounted box) for use in everything from single-family homes to large buildings for the Gira door communication system.

The door station stainless steel offers the following product features:

- 3 mm thick, ground stainless-steel front panel of high-quality Nirossta V2A stainless steel. This makes it especially resistant to environmental influences and vandalism.
- Screwless installation system. Unlocking is carried out with a special opening tool included with the product.
- Depth of flush-mounted box: 40 mm
- Flush-mounted box with wall anchors and openings for cable feed.
- Special design principle of the loudspeaker and microphone for avoidance of vandalism and moisture penetration. Due to the design used, it is not possible to puncture the loudspeaker or microphone with a sharp object.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression)
- Adjustable speech volume.
- Vandalism-protected stainless-steel call buttons. These are recessed flush in the front panel and have a precise switching behaviour when a call button is pressed.
- Acoustic acknowledgement signal when call button is pressed (can be deactivated if necessary).
- Night design of stainless-steel call buttons. Illumination with white LED illumination.

- The inscription area or the name plates are uniformly illuminated with maintenance-free, energy-saving white LEDs.
- The cover windows for the name plates are recessed flush in the front panel and consist of shatter-proof, scratch-resistant, 5 mm thick safety glass. They are therefore especially impervious to vandalism in the form of impacts, fire, scratching etc. In addition, they are easy to clean when soiled.
- The name plates can be removed from the front without dismantling the door station stainless steel. The unlocking device of the name plates is concealed.
- The name plates are protected against sprayed water.
- The door station stainless steel is supplied ready for connection including built-in loudspeaker and, for larger buildings, including an expansion module. This eliminates time-consuming wiring of the call buttons. Only a Gira 2-wire bus is required for connection of the door station stainless steel.
- A catch strap and supporting surface in the flush-mounted box serve as mounting aids during installation.
- One-man commissioning through simple commissioning procedure.
- Circumferential sponge rubber seal for wall sealing on the underside of the front panel.
- Large coverage between flush-mounted box and masonry.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply: 26 V DC ± 2 V (bus voltage)  
 Connections: two screw terminals for 2-wire bus  
 two screw terminals for additional supply  
 2 system bus connector strips  
 two sabotage contact screw terminals

Dimensions:

1-gang:	W x H 160 x 218 mm (front panel) W x H x D 140 x 198 x 40 mm (flush-mounted box)
2-gang:	W x H 160 x 218 mm (front panel) W x H x D 140 x 198 x 40 mm (flush-mounted box)
3-gang:	W x H 160 x 218 mm (front panel) W x H x D 140 x 198 x 40 mm (flush-mounted box)
4-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 40 mm (flush-mounted box)
6-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 40 mm (flush-mounted box)
8-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 40 (flush-mounted box)
9-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 40 (flush-mounted box)
10-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 40 mm (flush-mounted box)
12-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 40 mm (flush-mounted box)

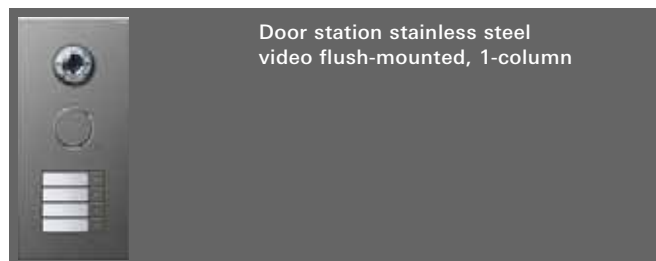
Name plate dimensions: W x H 62 x 18 mm  
 Temperature range: -25 °C to +70 °C  
 Protection type: IP 44

**Control device Audio 1287 00 → Page 274.**

**Inscription sheets 1459 00 → Page 208.**

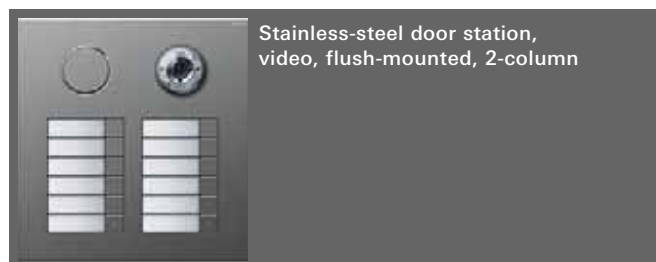
**Labelling software 1423 00 → Page 209.**

Order no.	Packing unit	PS
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Door station stainless steel video flush-mounted, 1-column

<b>1-gang</b> Stainless Steel	<b>2551 20</b>	1	10
<b>2-gang</b> Stainless Steel	<b>2552 20</b>	1	10
<b>3-gang</b> Stainless Steel	<b>2553 20</b>	1	10
<b>4-gang</b> Stainless Steel	<b>2554 20</b>	1	10
<b>6-gang</b> Stainless Steel	<b>2556 20</b>	1	10
<b>8-gang</b> Stainless Steel	<b>2558 20</b>	1	10
<b>9-gang</b> Stainless Steel	<b>2559 20</b>	1	10



Stainless-steel door station, video, flush-mounted, 2-column

<b>10-gang</b> Stainless Steel	<b>2560 20</b>	1	10
<b>12-gang</b> Stainless Steel	<b>2562 20</b>	1	10

The Gira door station stainless steel is a fully pre-assembled door station protected against vandalism (front panel and flush-mounted box) for use in everything from single-family homes to large buildings for the Gira door communication system.

The door station stainless steel offers the following product features:

- 3 mm thick, ground stainless-steel front panel of high-quality Nirosta V2A stainless steel. This makes it especially resistant to environmental influences and vandalism.
- Screwless installation system. Unlocking is carried out with a special opening tool included with the product. With larger system set-ups, the front panel is secured with screws.
- Depth of flush-mounted box: 60 mm
- Flush-mounted box with wall anchors and openings for cable feed.
- Special design principle of the loudspeaker and microphone for avoidance of vandalism and moisture penetration. Due to the design used, it is not possible to puncture the loudspeaker or microphone with a sharp object.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression)
- Adjustable speech volume.
- Vandalism-protected stainless-steel call buttons. These are recessed flush in the front panel and have a precise switching behaviour when a call button is pressed.
- Acoustic acknowledgement signal when call button is pressed (can be deactivated if necessary).
- Night design of stainless-steel call buttons. Illumination with white LED illumination.
- The inscription area or the name plates are uniformly illuminated with maintenance-free, energy-saving white LEDs.

Order no.	Packing unit	PS
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- The cover windows for the name plates are recessed flush in the front panel and consist of shatter-proof, scratch-resistant, 5 mm thick safety glass. They are therefore especially impervious to vandalism in the form of impacts, fire, scratching etc. In addition, they are easy to clean when soiled.
- The name plates can be removed from the front without dismantling the door station stainless steel. The unlocking device of the name plates is concealed.
- The name plates are protected against sprayed water.
- The door station stainless steel is supplied ready for connection including colour camera and built-in loudspeaker and, for larger buildings, including an expansion module. This eliminates time-consuming wiring of the call buttons. Only a Gira 2-wire bus is required for connection of the door station stainless steel.
- A catch strap and supporting surface in the flush-mounted box serve as mounting aids during installation.
- One-man commissioning through simple commissioning procedure.
- Circumferential sponge rubber seal for wall sealing on the underside of the front panel.
- Large coverage between flush-mounted box and masonry.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

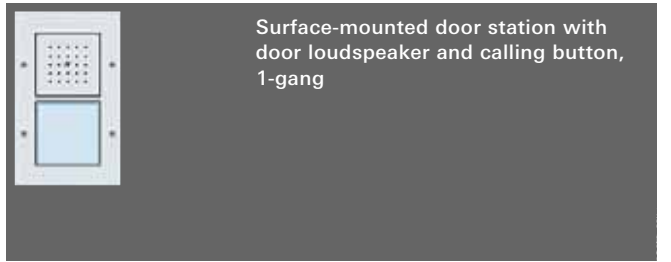
The colour camera offers the following properties:

- Automatic day/night switching: The camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in the night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In conjunction with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.

	Order no.	Packing unit	PS
Power supply:	26 V DC ± 2 V (bus voltage)		
Connections:	Two door stations with colour camera via system bus. From the 3rd door station with colour camera, via additional power supply <b>1296 00</b> .		
Dimensions:	two screw terminals for 2-wire bus two screw terminals for additional supply 2 system bus connector strips 1 video connector strip two sabotage contact screw terminals		
1-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 60 mm (flush-mounted box)		
2-gang:	W x H 160 x 285 mm (front panel) W x H x D 140 x 265 x 60 mm (flush-mounted box)		
3-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 60 mm (flush-mounted box)		
4-gang:	W x H 160 x 352 mm (front panel) W x H x D 140 x 332 x 60 mm (flush-mounted box)		
6-gang:	W x H 160 x 437 mm (front panel) W x H x D 140 x 417 x 60 mm (flush-mounted box)		
8-gang:	W x H 160 x 437 mm (front panel) W x H x D 140 x 417 x 60 mm (flush-mounted box)		
9-gang:	W x H 160 x 437 mm (front panel) W x H x D 140 x 417 x 60 mm (flush-mounted box)		
10-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 60 mm (flush-mounted box)		
12-gang:	W x H 270 x 285 mm (front panel) W x H x D 250 x 265 x 60 mm (flush-mounted box)		
Name plate dimensions:	W x H 62 x 18 mm		
Temperature range:	-20 °C to +50 °C		
Protection type:	IP 44		
Image capture element:	CCD sensor 1/3"		
Wide-angle objective:	150° Aperture angle		
Visible detection range:	Angle of detection of the camera 100°		
Detectable area (with 20° swivelling):	140°		
Colour system:	PAL		
Pixels:	500 (H) x 582 (V)		
Horizontal resolution:	380 TV lines		
Switching threshold colour to B/W operation:	1 lux		
Light sensitivity in B/W operation:	0.1 lux		
Electronic shutter close time:	up to 1/100000 s		
IR filter:	integrated		
Recommended camera installation height:	1.50 m		
<b>Video control device 1288 00 → Page 275.</b>			
<b>Additional power supply 1296 00 → Page 275.</b>			
<b>Video distributor 1292 00 → Page 276.</b>			
<b>Inscription sheets 1459 00 → Page 208.</b>			
<b>Labelling software 1423 00 → Page 209.</b>			

Order no.	Packing unit	PS
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**Surface-mounted door station**



pure white	<b>1266 66</b>	1	18
anthracite	<b>1266 67</b>	1	18
colour aluminium	<b>1266 65</b>	1	18


Door station with door loudspeaker and call button, 1-gang, as completely pre-assembled unit for **vertical** surface-mounted installation.

The surface-mounted door station offers the following product features:

- Fully pre-assembled surface-mounted door station, allowing quick and clean installation.
- With the design of the Gira TX\_44 switch range.
- Low height of just 19 mm.
- Torsionally rigid surface-mounted housing through aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Can be used in door communication systems with up to 30 devices.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LEDs. Steady, clearly visible call button illumination is achieved via the maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply
Dimensions:	W x H x D 110 x 181 x 19 mm
Name plate dimensions:	W x H 62 x 62 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

**Control device Audio 1287 00 → Page 274.**  
**Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.**  
**Tri-Wing screw set 1407 00 → Page 277.**  
**Inscription sheets 1458 00 → Page 208.**  
**Labelling software 1423 00 → Page 209.**

	Order no.	Packing unit	PS	
 <p>Surface-mounted door station with door loudspeaker and call button, 2/3-gang</p>	pure white	1267 66	1	18
	anthracite	1267 67	1	18
	colour aluminium	1267 65	1	18

Door station with door loudspeaker and call button, 2/3-gang, as completely pre-assembled unit for **vertical** surface-mounted installation.

Call buttons not required can be covered with the call-button cover plate **1255** ...


The surface-mounted door station offers the following product features:

- Fully pre-assembled surface-mounted door station, allowing quick and clean installation.
- With the design of the Gira TX\_44 switch range.
- Low height of just 19 mm.
- Torsionally rigid surface-mounted housing through aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Can be used in door communication systems with up to 30 devices.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LEDs. Steady, clearly visible call button illumination is achieved via the maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply: 26 V DC ± 2 V (bus voltage)  
 Connections: two screw terminals for 2-wire bus  
 two screw terminals for additional supply  
 Dimensions: W x H x D 110 x 181 x 19 mm  
 Name plate dimensions: W x H 62 x 18 mm  
 Temperature range: -25 °C to +70 °C  
 Protection type: IP 44

**Control device Audio 1287 00** → Page 274.  
**Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 ..** → Page 280.  
**Call-button cover plate for call button, 2/3-gang 1255 ..** → Page 277.  
**Tri-Wing screw set 1407 00** → Page 277.  
**Inscription sheets 1459 00** → Page 208.  
**Labelling software 1423 00** → Page 209.



	Order no.	Packing unit	PS	
 <p>Surface-mounted door station with door loudspeaker and two call buttons, 2/3-gang</p>	pure white	1268 66	1	18
	anthracite	1268 67	1	18
	colour aluminium	1268 65	1	18

Door station with door loudspeaker and two call buttons, 2/3-gang, as completely pre-assembled unit for **vertical** surface-mounted installation.

Call buttons not required can be covered with the call-button cover plate **1255** ...


The surface-mounted door station offers the following product features:

- Fully pre-assembled surface-mounted door station, allowing quick and clean installation.
- With the design of the Gira TX\_44 switch range.
- Low height of just 19 mm.
- Torsionally rigid surface-mounted housing through aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- Signal transfer and supply of the audio and video components via the reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Can be used in door communication systems with up to 30 devices.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LEDs. Steady, clearly visible call button illumination is achieved via the maintenance-free, energy-saving LED technology.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply: 26 V DC ± 2 V (bus voltage)  
 Connections: two screw terminals for 2-wire bus  
 two screw terminals for additional supply  
 Dimensions: W x H x D 110 x 253 x 19 mm  
 Name plate dimensions: W x H 62 x 18 mm  
 Temperature range: -25 °C to +70 °C  
 Protection type: IP 44

**Control device Audio 1287 00** → Page 274.  
**Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 ..** → Page 280.  
**Call-button cover plate for call button, 2/3-gang 1255 ..** → Page 277.  
**Tri-Wing screw set 1407 00** → Page 277.  
**Inscription sheets 1459 00** → Page 208.  
**Labelling software 1423 00** → Page 209.



Order no.	Packing unit	PS	Order no.	Packing unit	PS
 <p>Surface-mounted door station with colour camera, door loudspeaker and calling button, 1-gang</p>			<p>Power supply: 26 V DC ± 2 V (bus voltage)</p> <p>Connections: two screw terminals for 2-wire bus two screw terminals for additional supply</p> <p>Dimensions: W x H x D 110 x 253 x 19 mm (without camera) W x H x D 110 x 253 x 40 mm (with camera)</p> <p>Name plate dimensions: W x H 62 x 62 mm</p> <p>Image capture element: CCD sensor 1/3"</p> <p>Wide-angle objective: 150° Aperture angle</p> <p>Visible detection range: Angle of detection of the camera 100°</p> <p>Detectable area (with 20° swivelling): 140°</p> <p>Colour system: PAL</p> <p>Pixels: 500 (H) x 582 (V)</p> <p>Horizontal resolution: 380 TV lines</p> <p>Switching threshold colour to B/W operation: 1 lux</p> <p>Light sensitivity in B/W operation: 0.1 lux</p> <p>Electronic shutter close time: up to 1/100000 s</p> <p>IR filter: integrated</p> <p>Recommended camera installation height: 1.50 m</p> <p>Temperature range: -20 °C to +50 °C</p> <p>Protection type: IP 44</p> <p><b>Video control device 1288 00 → Page 275.</b>  <b>Video distributor 1292 00 → Page 276.</b>  <b>Keyless In keypad 2605 ..., Transponder reader 2606 ..., Fingerprint reader 2607 .. → Page 280.</b>  <b>Tri-Wing screw set 1407 00 → Page 277.</b>  <b>Inscription sheets 1458 00 → Page 208.</b>  <b>Labelling software 1423 00 → Page 209.</b></p>		
pure white	1269 66	1			10
anthracite	1269 67	1			10
colour aluminium	1269 65	1			10

Door station with colour camera, door loudspeaker and call button, 1-gang, as completely pre-assembled unit for **vertical** surface-mounted installation.

The surface-mounted door station offers the following product features:

- Fully pre-assembled surface-mounted door station with TX\_44 design, allowing quick and clean installation.
- Signal transmission and power supply of devices via reverse-polarity-protected and short-circuit-proof 2-wire bus
- Torsionally rigid surface-mounted housing through aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LEDs.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

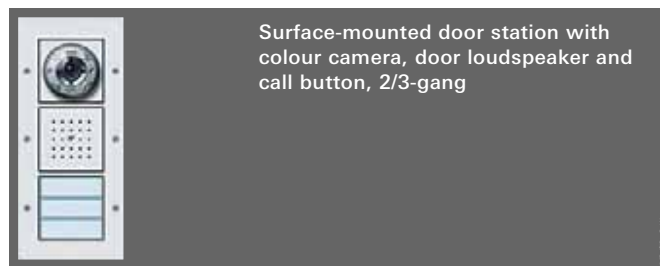
The colour camera has the following properties:

- Automatic day/night switching: The camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in the night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In conjunction with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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Surface-mounted door station with colour camera, door loudspeaker and call button, 2/3-gang

pure white	1270 66	1	10
anthracite	1270 67	1	10
colour aluminium	1270 65	1	10

Door station with colour camera, door loudspeaker and call button, 2/3-gang, as completely pre-assembled unit for **vertical** surface-mounted installation.

Call buttons not required can be covered with the call-button cover plate **1255 ...**

The surface-mounted door station offers the following product features:

- Fully pre-assembled surface-mounted door station with TX\_44 design, allowing quick and clean installation.
- Signal transmission and power supply of devices via reverse-polarity-protected and short-circuit-proof 2-wire bus
- Torsionally rigid surface-mounted housing through aluminium profile.
- Cover frame made of shatter-proof thermoplastic with high resistance to ultraviolet light as well as a scratch-resistant care-free surface.
- Theft protection by means of Torx screws.
- One-man commissioning through simple commissioning procedure.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Audible acknowledgement signal when a call button is pressed.
- Adjustable speech volume.
- White call button illumination with LEDs.
- Sprayed-water proof call-button cover plate made of shock-resistant plastic.
- Name plate of the call button can be exchanged without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

The colour camera has the following properties:

- Automatic day/night switching: The camera switches from daytime operation (colour presentation) to night mode (black and white presentation) and back again at a defined ambient brightness. Due to the high degree of light sensitivity in night mode, good presentation results are achieved even with poor lighting conditions.
- LEDs ensure steady illumination of the field of view at close proximity in the night mode.
- Camera can be manually swivelled 20° horizontally and vertically. In conjunction with the wide-angle lens, a very wide field of view results.
- Automatic background lighting compensation.
- Automatic white balance.
- Automatic gain control (AGC).
- Integrated camera heating with temperature detection.
- Sprayed-water proof cover plate.
- Camera cover plate made of shock-resistant plastic. Easy to replace when damaged, e.g. through vandalism.

- Power supply: 26 V DC ± 2 V (bus voltage)
- Connections: two screw terminals for 2-wire bus  
two screw terminals for additional supply
- Dimensions: W x H x D 110 x 253 x 19 mm (without camera)  
W x H x D 110 x 253 x 40 mm (with camera)
- Name plate dimensions: W x H 62 x 18 mm
- Image capture element: CCD sensor 1/3"
- Wide-angle objective: 150° Aperture angle
- Visible detection range: Angle of detection of the camera 100°
- Detectable area (with 20° swivelling): 140°
- Colour system: PAL
- Pixels: 500 (H) x 582 (V)
- Horizontal resolution: 380 TV lines
- Switching threshold colour to B/W operation: 1 lux
- Light sensitivity in B/W operation: 0.1 lux
- Electronic shutter close time: up to 1/100000 s
- IR filter: integrated
- Recommended camera installation height: 1.50 m
- Temperature range: -20 °C to +50 °C
- Protection type: IP 44

**Video control device 1288 00 → Page 275.**

**Video distributor 1292 00 → Page 276.**

**Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.**

**Call-button cover plate for call button, 2/3-gang 1255 .. → Page 277.**

**Tri-Wing screw set 1407 00 → Page 277.**

**Inscription sheets 1459 00 → Page 208.**

**Labelling software 1423 00 → Page 209.**



Order no.	Packing unit	PS
<b>Built-in loudspeaker</b>		
		
<b>1258 00</b>	1	18

Built-in loudspeaker for installation in letterbox systems, speech compartments, door side installations or front panels. Up to 8 mechanical bell buttons can be connected to the screw terminals provided.

The built-in loudspeaker offers the following product features:

- Signal transmission and power supply of loudspeaker via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Small in size.
- Weather-resistant loudspeaker.
- High-quality electret microphone.
- Alternating current polling of the bell button connections for prevention of oxidation on the button contacts.
- Securing of connection terminals against incorrect connection.
- Up to 8 mechanical bell buttons can be connected.
- Colour camera for flush-mounted door station can be connected.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Adjustable speech volume.
- One-man commissioning through simple commissioning procedure.
- Audible acknowledgement signal when a call button is pressed.
- This component enables door communication systems with up to 70 devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in loudspeakers, 68 surface-mounted hands-free feature home stations).

Power supply:	26 V DC ± 2 V (bus voltage)
Connections:	two screw terminals for 2-wire bus two screw terminals for additional supply 8 screw terminals for mechanical Bell buttons 1 screw terminal with same ground as bell buttons 2 system bus connector strips 1 video connector strip
Dimensions:	W x H x D 101 x 67 x 27 mm
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

**Expansion module for built-in loudspeaker 1259 00 → Page 263.**

**Control device**

**Audio 1287 00 → Page 274.**

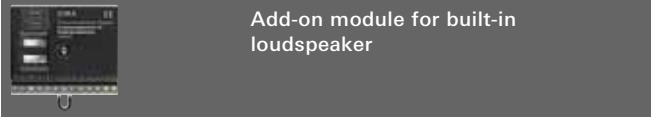
**Video (for expansion by colour camera) 1288 00 → Page 275.**

**Colour camera for flush-mounted door station**

**1265 .. → Page 256.**

**Keyless In keypad 2605 .., Transponder reader**

**2606 .., Fingerprint reader 2607 .. → Page 280.**

Order no.	Packing unit	PS
<b>Add-on module for built-in loudspeaker</b>		
		
<b>1259 00</b>	1	18

Module for expansion of the built-in loudspeaker when more than 8 mechanical bell buttons are to be connected.

The expansion module offers the following product features:

- Up to 12 mechanical bell buttons can be connected. Additional bell buttons can be connected via additional expansion modules. Up to 5 expansion modules can be connected to one built-in loudspeaker.
- Alternating current polling of the bell button connections for prevention of oxidation on the button contacts.
- Small in size.
- Securing of connection terminals against incorrect connection.
- Attachment of the expansion module with screws or gluing (attachment materials included in the scope of supply).
- This component enables door communication systems with up to 70 devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in speakers, 68 surface-mounted hands-free feature home stations).

Connections:	12 screw terminals for mechanical Bell buttons 1 screw terminal with same ground as bell buttons 2 system bus connector strips
Dimensions:	W x H x D 67 x 66.4 x 27 mm (including attachment tab) W x H x D 67 x 56 x 27 mm (without attachment tab)
Temperature range:	-25 °C to +70 °C
Protection type:	IP 44

**Built-in loudspeaker 1258 00 → Page 263.**

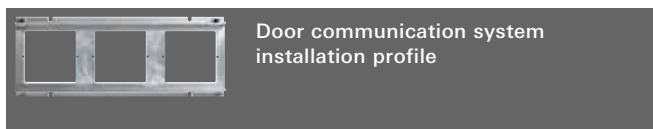


Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Installation profile**

**Energy profiles**



Door communication system installation profile

1-gang	1274 00	1	18
2-gang	1275 00	1	18
3-gang	1276 00	1	18
4-gang	1277 00	1	18

Aluminium attachment profile for customer-specific integration of components of the Gira door communication system in letterbox systems, front panels or door side installations, e.g. from the manufacturers JU-Metallwaren, Normbau.

Using this profile, flush-mounted door stations, call buttons, info modules and colour cameras can be integrated flush without cover frames. The height compensation ensures that the components can be installed flush even with different material thicknesses.

The installation profile is attached by

- screwing through the front panel
- screwing onto attachment pins
- Attachment set for installation profile 1257 00

Wall thickness of front panel: 1.25 to 4 mm

Attachment set for installation profile 1257 00 → Page 264.

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.

Call button 1262 .., 1293 .., 1263 .., 1294 .. → Page 254.

Info module 1264 00, 1295 00 → Page 255.

Colour camera for flush-mounted door station 1265 .. → Page 256.

Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.



**Attachment set for installation profile**

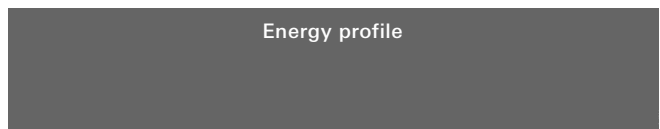
1257 00	1/5	18
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Attachment set for glued attachment of the installation profile in front panels, letter boxes and door side installations when pins cannot be set due to the material thickness or visible screws on the front are not desired.

The attachment set consists of:

- 4 attachment rails (aluminium)
- 4 adhesive strips
- 4 screws

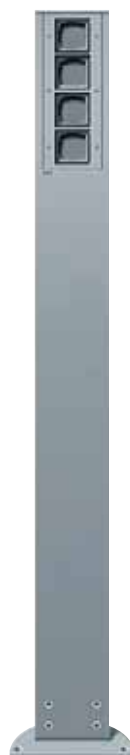
Installation profile 1274 00, 1275 00, 1276 00, 1277 00 → Page 264.



Energy profile

<b>Not outfitted</b>			
anthracite	1354 28	1	17
colour aluminium	1354 26	1	17
<b>Not outfitted</b>			
anthracite	1356 28	1	17
colour aluminium	1356 26	1	17
<b>Not outfitted</b>			
anthracite	1355 28	1	17
colour aluminium	1355 26	1	17
<b>Not outfitted</b>			
anthracite	1353 28	1	17
colour aluminium	1353 26	1	17

Functional description → Page 181.





Order no.	Packing unit	PS
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### Gira door communication system in RENZ letterbox systems

#### Solution in cooperation with the manufacturer RENZ

By cooperating with the manufacturer RENZ, flush-mounted components of the Gira door communication system can also be integrated in RENZ letterbox systems, speech compartments, door side installations and front panels on request.

For the integration of the flush-mounted components, the RENZ housings are provided with cut-outs on order in which the Gira functions can be inserted on special carrier frames, e.g. call buttons, door loudspeaker, info module and colour camera and Keyless In products. The carrier frames are screwed onto the inside of the RENZ housing. Due to the glued attachment of the carrier frame, no screws are visible on the front.

As a result of the different materials and manufacturing processes used, colour differences between the door station inserts and the front panel can result. For this reason, it may be practical from case to case to select contrary colour combinations (e.g. front panel in aluminium, inserts in anthracite).

**In case of queries on the mechanical installation of the Gira door communication components in Renz letterbox systems, please contact RENZ directly at**

**Erwin Renz  
Metallwarenfabrik GmbH & Co KG  
Boschstraße 3  
71737 Kirchberg/Murr  
Tel.: +49 (0) 71 44 / 301 - 0  
Fax: +49 (0) 71 44 / 301 - 185  
www.renz-briefkasten.de**



Gira flush-mounted door station with 2/3-gang call button and colour camera integrated in a RENZ letterbox of Model Group 14, anodised aluminium, EV1

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.

Call button 1262 .., 1293 .., 1263 .., 1294 .. → Page 254.

Info module 1264 00, 1295 00 → Page 255.

Colour camera for flush-mounted door station

1265 .. → Page 256.

Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.



Gira built-in loudspeaker integrated in a RENZ letterbox, Model Group 14, stainless steel

Built-in loudspeaker 1258 00 → Page 263.

Expansion module for built-in loudspeaker 1259 00 → Page 263.

Colour camera for flush-mounted door station

1265 .. → Page 256.

Order no.	Packing unit	PS
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### Gira door communication system in front panels from the manufacturer SKS-Kinkel.

#### Gira flush-mounted door station in front panel and flush-mounted box/surface-mounted housing

By cooperating with the manufacturer SKS-Kinkel, high-quality, customer-specific door stations can be produced with the components of the Gira door communication system.

The front panels of a broad range of materials, e.g. stainless steel, aluminium, aluminium with the appearance of stainless steel and titanium can vary in material thickness, surface and powder coating (choice of RAL colours) according to the customer's requirements.

**In case of queries on the mechanical installation of the Gira door communication components in SKS-Kinkel front panels, please contact SKS-Kinkel directly.**

**sks - Kinkel Elektronik GmbH  
Im Industriegebiet 9  
56472 Hof/Westerwald  
Tel.: +49 (0) 26 61 / 93 93 94  
www.sks-kinkel.de**



Gira flush-mounted door station with 4 call buttons, 2/3-gang, and colour camera integrated in a front panel with flush-mounted box

Front panel and flush-mounted box: SKS-Kinkel Art. No. G01.06-02.00



Gira flush-mounted door station with 7 call buttons, 2/3-gang, and info module integrated in a front panel with surface-mounted housing

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.

Call button 1262 .., 1293 .., 1263 .., 1294 .. → Page 254.

Info module 1264 00, 1295 00 → Page 255.

Colour camera for flush-mounted door station

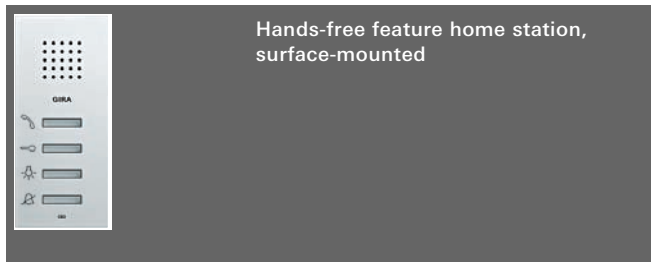
1265 .. → Page 256.

Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Surface-mounted home station**



Hands-free feature home station, surface-mounted

Power supply: 26 V DC ± 2 V (bus voltage)  
 Connections: two screw terminals for 2-wire bus  
 two screw terminals for floor-call button  
 Dimensions: W x H x D 55 x 127 x 20 mm  
 Temperature range: -5 °C to +50 °C

**Installation possible without cover frame or with System 55, F100 or E22 cover frame, 2-gang without crossbar 1002 .., 2866 ..**

Control device Audio 1287 00 → Page 274.



<b>System 55</b>			
cream white glossy	1250 01	1	18
pure white glossy	1250 03	1	18
pure white matt	1250 27	1	18
anthracite	1250 28	1	18
colour aluminium	1250 26	1	18
<b>E22</b>			
Stainless Steel	1250 20	1	18
Aluminium	1250 203	1	18
pure white glossy	1250 03	1	18
<b>F100</b>			
cream white glossy	1250 111	1	18
pure white glossy	1250 112	1	18

Hands-free feature home station as pre-assembled unit for surface-mounted installation.

The surface-mounted hands-free feature home station offers the following product features:

- Fully pre-assembled surface-mounted home station, allowing quick and clean installation.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without cover frame. For installation with cover frame, a 2-gang cover frame without crossbar is required. Note: A cover frame is required when installing in a 58 mm flush-mounted box.
- Easy installation via pull-off screw terminals.
- Easy removal of home station and cover frame during renovation work.
- Mounting holes for wall and box installation.
- Signal transmission and power supply of home station via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to 3 home stations possible.
- One-man commissioning through simple commissioning procedure.
- Ringing tone differentiation for door call, internal call and floor call.
- Selection of 5 different ringing tone melodies, which can be assigned to individual call buttons.
- Operating buttons with integrated LEDs for status display.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Enforcement function for loud background noise during the voice connection.
- Eavesdropping prevention.
- This component enables door communication systems with up to 70 devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for built-in loudspeakers, 68 surface-mounted hands-free feature home stations).

The operating button of the surface-mounted hands-free feature home station controls the following functions:

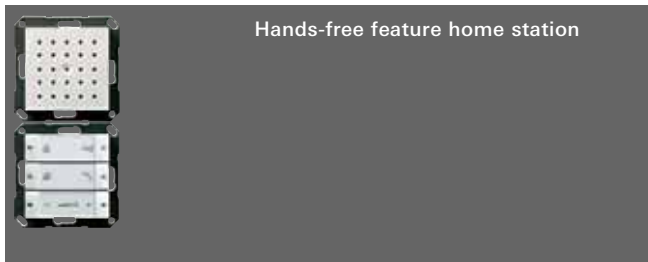
- Switching light and other functions in conjunction with the switching actuator **1289 00**.
- Operation of the door opener.
- Setting the ringing tone melody.
- Switching ringing tone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Volume control of calling tone and speech volume.

Door communication system

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Flush-mounted home station



#### System 55 transparent white

cream white glossy	1280 101	1	18
pure white glossy	1280 103	1	18
pure white matt	1280 127	1	18
anthracite	1280 128	1	18
colour aluminium	1280 126	1	18

#### E22

Stainless Steel	1280 20	1	18
Aluminium	1280 203	1	18
pure white glossy	1280 103	1	18

#### F100

cream white glossy	1280 111	1	18
pure white glossy	1280 112	1	18

The hands-free feature home station offers the following product features:

- Uniform installation of door communication and electrical installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular structure, therefore simple installation and expandable with further components such as call button for home stations, TFT colour display etc.
- Parallel connection of up to 3 home stations possible.
- One-man commissioning through simple commissioning procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Operating buttons with integrated LEDs for status display.
- Hands-free feature (voice-controlled talk-back with echo and background noise suppression).
- Enforcement function for loud background noise during the voice connection.
- Free intercom communication within the house in combination with the call button for home stations.
- Eavesdropping prevention.
- Selection of 5 different ringing tone melodies, which can be assigned to individual call buttons.
- Automatic door opener can be connected: With the function activated, the door opener is automatically operated after pressing the door-station call button.
- This component enables door communication systems with more than 30 devices to be set up.

The operating button of the hands-free feature home station controls the following functions:

- Switching light and other functions in conjunction with the switching actuator **1289 00**.
- Operation of the door opener.
- Switching ringing tone on and off.
- Call acceptance.
- Activation of the enforcement function.
- Volume control of calling tone and speech volume.

Power supply: 26 V DC  $\pm$  2 V (bus voltage)  
 Bus coupler connections: two screw terminals for 2-wire bus  
 two screw terminals for floor-call button  
 2 system bus connector strips  
 1 video connector strip

Speech insert connections: 2 system bus connector strips  
 Temperature range: -5 °C to +50 °C

#### Control device

Audio 1287 00 → Page 274.

Video (with expansion via TFT display) 1288 00 → Page 275.

Call button for home station 1283 .., 1285 .. → Page 268.

TFT colour display 1286 .. → Page 269.

TV gateway 2610 .. → Page 271.

Integration in a modular function profile → Page 161.

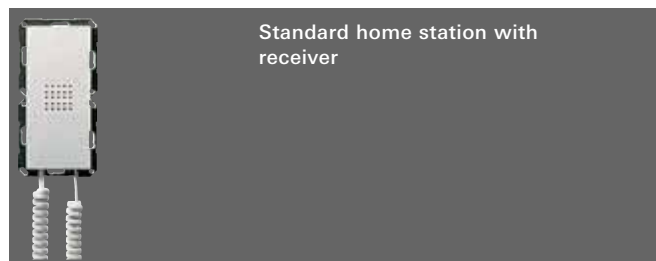
Integration in Profile 55 → Page 156.

For integration in Stainless Steel Series 20, Series 21:

Intermediate plate 55 x 55 mm 0289 20 → Page 97.



Order no.	Packing unit	PS
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Standard home station with receiver

System 55	Order no.	Packing unit	PS
cream white glossy	1281 01	1	18
pure white glossy	1281 03	1	18
pure white matt	1281 27	1	18
anthracite	1281 28	1	18
colour aluminium	1281 26	1	18

E22	Order no.	Packing unit	PS
Stainless Steel	1281 20	1	18
Aluminium	1281 203	1	18
pure white glossy	1281 03	1	18

The Standard home station with receiver offers the following product features.

- Uniform installation of door communication and electrical installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular structure, therefore simple installation and expandable with further components such as call button for home stations, TFT colour display etc.
- Parallel connection of up to 3 home stations possible.
- One-man commissioning through simple commissioning procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Free intercom communication within the house in combination with the call button for home stations.
- eavesdropping prevention
- Call acceptance by picking up receiver.
- Magnetic receiver hook with integrated cradle.
- Insertable receiver cable for increased installation-friendliness.
- This component enables door communication systems with more than 30 devices to be set up.

The operating button of the Standard home station with receiver controls the following functions:

- Switching light and other functions in conjunction with the switching actuator **1289 00**.
- Operation of the door opener.
- Volume control of calling tone.

Power supply:	26 V DC ± 2 V (bus voltage)
Bus coupler connections:	two screw terminals for 2-wire bus two screw terminals for floor-call button 2 system bus connector strips 1 video connector strip
Receiver insert connections:	1 system bus connector strip 1 receiver connection
Temperature range:	-5 °C to +50 °C

**Control device**

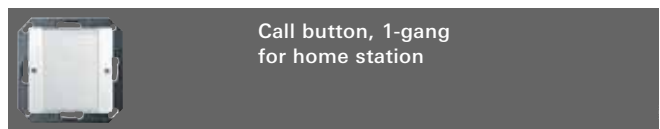
- Audio **1287 00** → Page 274.
- Video (with expansion via TFT display) **1288 00** → Page 275.
- Call button for home station **1283 .., 1285 ..** → Page 268.
- TFT colour display **1286 ..** → Page 269.
- TV gateway **2610 ..** → Page 271.

- Integration in a modular function profile → Page 161.
- Integration in Profile 55 → Page 156.
- For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm **0289 20** → Page 97.



Order no.	Packing unit	PS
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Expansion module for home station flush-mounted



Call button, 1-gang for home station

System 55	Order no.	Packing unit	PS
transparent white	1283 100	1	18

E22	Order no.	Packing unit	PS
Stainless Steel (lacquered)	1283 20	1	18
Aluminium (lacquered)	1283 203	1	18
transparent white	1283 100	1	18

F100	Order no.	Packing unit	PS
cream white glossy	1283 111	1	18
pure white glossy	1283 112	1	18

The 1-gang call button offers the following product features:

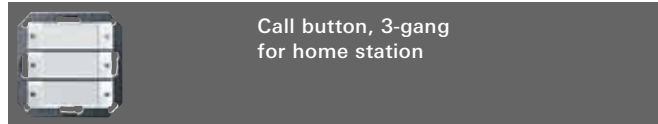
- Expansion of the home station with an additional call button for the implementation of the free in-house intercom communication between two home stations or for switching in conjunction with switching actuator **1289 00**.
- Installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular design, allowing easy installation and expansion.
- Inscription label can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply:	via system bus
Connections:	2 system bus connector strips
Name plate dimensions:	W x H 38 x 55 mm
Temperature range:	-5 °C to +50 °C

- Hands-free feature home station **1280 ..** → Page 267.
- Home station Standard **1281 ..** → Page 268.
- Inscription sheets System 55, E22 **1090 00** → Page 209.
- Inscription sheets F100 **2871 ..** → Page 209.
- Labelling software **1423 00** → Page 209.

- Integration in a modular function profile → Page 162.
- Integration in Profile 55 → Page 273.
- For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm **0289 20** → Page 97.

Order no.	Packing unit	PS
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Call button, 3-gang for home station

System 55	Order no.	Packing unit	PS
transparent white	1285 100	1	18
<b>E22</b>			
Stainless Steel (lacquered)	1285 20	1	18
Aluminium (lacquered)	1285 203	1	18
transparent white	1285 100	1	18
<b>F100</b>			
cream white glossy	1285 111	1	18
pure white glossy	1285 112	1	18

The 3-gang call button offers the following product features:

- Expansion of the home station with three additional call buttons for the implementation of the free in-house intercom communication between two home stations or for switching in conjunction with switching actuator **1289 00**.
- Installation in the 58 mm flush-mounted box.
- Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
- Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Modular design, allowing easy installation and expansion.
- Inscription label can be replaced without tools and cover frame removal.
- Professional labelling with the Gira inscription service [www.marking.gira.com/en](http://www.marking.gira.com/en) or the Gira inscription software .

Power supply: via system bus  
 Connections: 2 system bus connector strips  
 Name plate dimensions: W x H 38 x 55 mm  
 Temperature range: -5 °C to +50 °C

**Hands-free feature home station 1280 .. → Page 267.**  
**Home station Standard 1281 .. → Page 268.**  
**Inscription sheets System 55, E22 1090 00 → Page 209.**  
**Inscription sheets F100 2873 .. → Page 209.**  
**Labelling software 1423 00 → Page 209.**

**Integration in a modular function profile → Page 162.**  
**Integration in Profile 55 → Page 273.**  
**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

Order no.	Packing unit	PS
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TFT colour display

System 55	Order no.	Packing unit	PS
cream white glossy	1286 01	1	10
pure white glossy	1286 03	1	10
pure white matt	1286 27	1	10
anthracite	1286 28	1	10
colour aluminium	1286 26	1	10
<b>E22</b>			
Stainless Steel	1286 20	1	10
Aluminium	1286 203	1	10
pure white glossy	1286 03	1	10
<b>F100</b>			
cream white glossy	1286 111	1	10
pure white glossy	1286 112	1	10

High-resolution, active TFT colour display for the expansion of Hands-free feature, Standard and Comfort home stations.

The TFT colour display offers the following product features:


- Uniform installation of door communication and electrical installation in the 58 mm flush-mounted box.
  - Design variety via integration into the switch range, allowing uniform appearance of door communication and electrical installation.
  - Signal transfer and supply of the audio and video components via reverse-polarity-protected and short-circuit-proof 2-wire bus.
  - Due to the modularity, simple expansion of the flush-mounted home stations with the TFT colour display.  
 Note: Cannot be used in combination with the surface-mounted hands-free feature home station.
  - Colour display with LED backlighting
  - OSD function, i.e. text presentation in display for status indication and menu guidance.
- On/Off switch with the following functions:
- Manual switching on/off of TFT colour display.
  - Camera switching – targeted selection of up to 3 colour cameras. Test in the display indicates which camera is currently being controlled.
- Cursor buttons with 5-way navigation for parameter setting:
- As final customer – brightness, colour intensity, contrast and switch-on time of the display.
  - As installer – selection of the language (German/English), frequency setting, termination of the cable, display of version, factory setting, switching display on/off, switching LED illumination on/off, brightness, colour intensity, contrast and switch-on time of the display.

Power supply: via system bus  
 Display insert connections: 2 system bus connector strips  
 1 video connector strip  
 Colour system: PAL  
 Display size: 1.8 inch (System 55)  
 2.5 inch (F100)  
 Number of pixels: 557 x 234 (System 55)  
 960 x 240 (F100)  
 Temperature range: -5 °C to +50 °C

**Hands-free feature home station 1280 .. → Page 267.**  
**Home station Standard 1281 .. → Page 268.**  
**Video control device 1288 00 → Page 275.**  
**Video distributor 1292 00 → Page 276.**  
**Suppressor 1278 00 → Page 276.**

**Integration in a modular function profile → Page 162.**  
**Integration in Profile 55 → Page 273.**  
**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**




	Order no.	Packing unit	PS
			
Mint glass	<b>2600 18</b>	1	10
White glass	<b>2600 12</b>	1	10
Black glass	<b>2600 05</b>	1	10
<b>Additional power supply</b>			
DRA	<b>2570 00</b>	1	18

The VideoTerminal is a fully pre-assembled home station with 5.7" active TFT colour display and hands-free function for the Gira door communication system. The VideoTerminal offers the following product features:

- Large 5.7" active TFT colour display with a resolution of 640x480 pixels.
- Text display (OSD function) in the TFT colour display for display of the respective activated camera and for menu guidance for both the final customer and the installer.
- Installation as a flush-mounted or surface-mounted separate device (mounting frame **1252 04** or **1251 04**), or in a device combination in conjunction with the modular function profile **1371 00**, **1372 00**, **1373 00**.
- Backlit operating knob for turning and pressing, for call acceptance and menu guidance.
- Optical feedback on the operating knob with green or red LED indicator depending on the system status.
- Four permanently assigned function buttons for
  1. Opening menu level and camera switch-on and switchover,
  2. Switching light,
  3. Activating or deactivating ringing tone,
  4. Opening door.
- Camera switchover - targeted selection of up to three colour cameras. Test in the display indicates which camera is currently being controlled.
- Operating knob for menu control  
 As final customer: brightness, colour intensity, contrast, switch-on time of the display  
 As installer: selection of the language (German/English), frequency setting, termination of the cable, display of version, factory setting, switching display on/off, switching LED illumination on/off, brightness, colour intensity, contrast and switch-on time of the display.
- High-quality picture, even when viewed at an angle.
- Backlighting via long-life CCFL tubes
- Hands-free feature - voice-controlled talk-back with echo and background noise suppression.
- Enforcement function for loud background noises during the voice connection.
- Signal transmission of audio and video data via reverse-polarity-protected and short-circuit-proof Gira 2-wire bus.
- **Two additional leads are required for supplying the VideoTerminal with 24 V DC ± 10% power. The power supply comes from the door communication power supply Art. No. 2570 00.**
- Parallel connection of up to 3 VideoTerminals possible.
- One-man commissioning through simple commissioning procedure.
- Ringing tone differentiation for door call, floor call and internal call.
- Selection of 5 different ringing tone melodies, which can be assigned to individual call buttons.
- Adjustable 5-level calling tone and speech volume.
- Ringing tone deactivation - with ringing tone switched off, a door call is indicated optically.
- Automatic door opener can be connected: With the function activated, the door opener is automatically operated after pressing the door-station call button.

	Order no.	Packing unit	PS
<ul style="list-style-type: none"> <li>• Free intercom communication within the house with up to 10 other home stations.</li> <li>• Automatic switch-on of the TFT display with an incoming door call.</li> <li>• Integrated listening and viewing block.</li> </ul>			
Power supply:	24 V DC ± 10%		
Connections:	two screw terminals for 2-wire bus 2 screw terminals for power supply 24 V DC ± 10% two screw terminals for floor-call button 2 system bus connector strips		
Dimensions:	W x H x D 182 x 240 x 52 mm		
Recommended installation height:	1.60 m		
Temperature range:	-5 °C to +40 °C		
Colour system:	PAL		
Wire length for power supply - VideoTerminal:	max. 80 m with 0.8 mm cable Ø max. 50 m with 0,6 mm cable Ø		
<b>Video control device 1288 00 → Page 275.</b>			
<b>Additional power supply 2570 00 → Page 275.</b>			


**Mounting:**  
**Mounting frames, surface-mounted 1251 04, flush-mounted 1252 04**  
**Modular function profile, installation profile 1371 00, 1372 00, 1373 00 → Page 161.**

	Order no.	Packing unit	PS
			
	<b>1251 04</b>	1	02

Mounting frames made of shatter-proof thermoplastic for surface-mounted installation of individual modules from the modular function profile system. Using the mounting frames, the modules can be installed individually on the wall. It is also possible to combine several mounting frames with one another.

Dimensions:	
Without module:	W x H x D 176 x 246 x 52 mm
With module:	W x H x D 182 x 246 x 52 mm

**VideoTerminal → Page 270.**

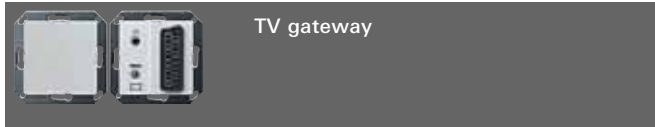
	Order no.	Packing unit	PS
			
	<b>1252 04</b>	1	02

Mounting frames made of diecast zinc with a device box of shatter-proof thermoplastic for flush-mounted installation of individual modules from modular function profile system. Using the flush-mounted mounting frames, the modules can be installed individually both in hollow walls and in masonry. It is also possible to combine several mounting frames horizontally or vertically with one another. Installation dimensions: W x H x D 194 x 252 x 64 mm

**VideoTerminal**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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TV gateway

**System 55**

cream white glossy	<b>2610 01</b>	1	10
pure white glossy	<b>2610 03</b>	1	10
pure white matt	<b>2610 27</b>	1	10
anthracite	<b>2610 28</b>	1	10
colour aluminium	<b>2610 26</b>	1	10

The TV gateway transmits the video picture of the Gira door communication system via the Scart connection or, with an additional AV modulator, via the antenna input of a television.

The acceptance of a call, the opening of the door and switching functions are carried out using the telephone keypad in conjunction with the door communications system gateway or via a home station. When the call is ended, the picture of the door station camera is also switched off in the television set.

The TV gateway offers the following product features:

- Installation in two common 58 mm flush-mounted device boxes.
- Output of the video picture of the Gira door communication system for feeding the signal
  1. to the Scart connection of a television set,
  2. into an antenna system using an additional AV modulator or
  3. for further processing of the signal, e.g. for the HomeServer in conjunction with a common video server.
- FBAS signal 1 Vss in PAL standard
- Scart connection for connecting the TV gateway to the television set. The Scart connection of the TV gateway is equipped with a 12 V switching output to support the picture-in-picture function (if this function is supported by the television set) or the automatic switchover to the AV channel.
- When the video picture is fed into an antenna system, a specified channel is occupied. If a door call is received, this channel must be switched over to manually on the television set to see the camera picture. To feed the signal into the antenna system, the FBAS signal must be converted to a UHF or VHF signal with common modulators.
- Switch-on button: for switching the TV gateway on and off manually
- Cursor button for parameter setting:
  - As a final customer - switch-on time
  - As an installer - priority, frequency, resistance, illumination, display, language, learning in, factory setting, version, switch-on time
- Switching output - this is connected when the TV gateway is active and outputs a picture, e.g. after the assigned call button of the door station has been pressed. The switching output can be evaluated by EIB components if necessary and, for example, be made available to the HomeServer.
- The video picture can also be displayed on the HomeServer in conjunction with common video servers. In addition to the HomeServer, display on a PC or PDA is also possible. A picture memory can also be realised in conjunction with the HomeServer.
- Input for the specific switch-on of the TV gateway without the door-station call button being pressed beforehand. This enables the camera pictures to be displayed on the television set at any time. The colour camera switches off again automatically after 2 min.
- The connected cameras can be controlled directly in conjunction with the call button expansion unit **1259 00**.
- Display of text on the television set indicating which colour camera is currently switched on.

**Unsuitable uses**

Not suitable for operation in countries in which the PAL standard does not apply.

Not suitable for television sets that can only process the NTSC and SECAM standard.

Attention: When feeding the signal into the antenna system of a multi-family house, the video picture is displayed on all television sets when a door call is received.

- Power supply: via system bus
- Connections: two screw terminals for 2-wire bus
- two screw terminals for additional supply
- 2 system bus connector strips
- 1 video connector strip
- 2 screw terminals for switching input
- only SELV level** (ET terminal)
- 2 screw terminals for switching output
- only SELV level**
- Scart jack

Temperature range: -5 °C to +50 °C

**Hands-free feature home station 1280 .. → Page 267.**

**Home station Standard 1281 .. → Page 268.**

**Door communications system gateway 1290 00 → Page 272.**

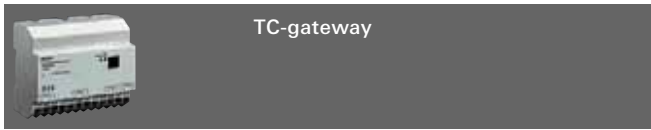
**Video control device 1288 00 → Page 275.**

**Video distributor 1292 00 → Page 276.**

**Suppressor 1278 00 → Page 276.**

Order no.	Packing unit	PS
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**TC-gateway**



DRA	1290 00	1	18
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Door communication gateway for connection of the Gira door communication system with the existing telephone system. With an analogue telephone connection, the door communication gateway is simply connected between the telephone connection and the analogue telephone. Telephone calls can be carried out on the existing telephone as usual. In addition, door calls are forwarded by the Gira door communication system to the telephone. It is then possible to speak to the person at the front door and the door opener can be activated via the telephone keypad. In addition, door calls can be forwarded to an answering machine or a mobile phone. The door communication gateway offers the following product features:

- Acceptance of door calls via the existing telephone.
- Direct exchange connection, eliminating the need for a telephone system in case of analogue operation.
- Can be connected to the a/b connection of existing telephone systems.
- Call forwarding to local, wired or mobile telephone.
- Call forwarding to up to 50 programmed devices.
- Differentiation between outside call and door call.
- Allows switching over between daytime and nighttime mode.
- Supports call waiting function during an existing outside call and an incoming door call.
- Can be configured with a telephone keypad (DTMF-capable) or the programming set **1291 00**.
- For security reasons, configuration changes via a telephone require the entry of a 4-digit PIN code.
- Call and conversation time can be set.
- Eavesdropping prevention.
- Enables operation of several door communication gateways on the Gira door communication bus. When operating several door communication gateways in one system, each door communication gateway must have its own power supply. The supply of several door communication gateways from one control device or from one bell transformer is not permitted.
- Carrying out of switching functions via the existing telephone (DTMF-capable) in combination with the switching actuator **1289 00** or the flush-mounted switching actuator **1211 00**.
- LED status indicators for fast analysis of whether mains voltage is connected and the telephone connection has been assigned.
- Non-interchangeable connections.
- Programming interface and integrated flash processor for updating the door communication gateway software.

The door communication gateway is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.

The TC-gateway is supplied with power via

- the 12 V output of the audio control device **1287 00**
- a common 12 V AC bell transformer (when using the video control device **1288 00**)
- the 24 V DC additional power supply for door communication **1296 00** (when using the video control device **1288 00**)

This component enables door communication systems with more than 30 devices to be set up.

Order no.	Packing unit	PS
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Power supply: 12 V AC or 24 V DC, 0.3 A  
 Connections: two screw terminals for 2-wire bus  
 2 screw terminals for exchange connection a/b  
 2 screw terminals for device a'/b'  
 2 screw terminals for power supply 12 V AC/24 V DC  
 Programming interface

Dimensions: DRA device, 6 depth module  
 Temperature range: -5 °C to +45 °C

**Programming set for door communication gateway 1291 00 → Page 272.**

**Control devices 1287 00, 1288 00 → Page 274.**



**Programming set for door**

German	1291 00	1	18
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For programming the door communication gateway with a PC or laptop, consisting of a programming cable for connection to the door communication gateway and the commissioning software.

The commissioning software offers the following features:

- Setting of the basic configurations.
- Phone book function with the ability to enter up to 50 devices with names and 2 telephone numbers.
- Log function for logging bus activities.
- Save and load settings.
- Carry out software update.
- Can be run under the operating systems Windows 95™ to Windows XP™.

**Door communications system gateway 1290 00 → Page 272.**



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Surface-mounted gong**

**Profile 55**



<b>System 55</b>			
cream white glossy	1200 01	1	18
pure white glossy	1200 03	1	18
pure white matt	1200 27	1	18
anthracite	1200 28	1	18
colour aluminium	1200 26	1	18
<b>E22</b>			
Stainless Steel	1200 20	1	18
Aluminium	1200 203	1	18
pure white glossy	1200 03	1	18

<b>1-gang</b>			
pure white	1361 27	1	17
colour aluminium	1361 26	1	17
<b>2-gang</b>			
pure white	1362 27	1	17
colour aluminium	1362 26	1	17
<b>3-gang</b>			
pure white	1363 27	1	17
colour aluminium	1363 26	1	17
<b>5-gang</b>			
pure white	1364 27	1	17
colour aluminium	1364 26	1	17
<b>5-gang 600 mm</b>			
pure white	1365 27	1	17
colour aluminium	1365 26	1	17
<b>8-gang</b>			
pure white	1366 27	1	17
colour aluminium	1366 26	1	17

Surface-mounted gong for the Gira door communication system for additional signalling.

The surface-mounted gong offers the following product features:

- Fully pre-assembled surface-mounted gong, allowing quick, clean installation.
- Design variety via integration, allowing uniform appearance of door communication and electrical installation.
- Installation possible with or without cover frame. For installation with cover frame, a 2-gang cover frame without crossbar is required. Note: A cover frame is required when installing in a 58 mm flush-mounted box.
- Easy installation via pull-off screw terminals.
- Easy removal of surface-mounted gong and cover frame during renovation work.
- Mounting holes for wall and box installation.
- Signal transmission and power supply of surface-mounted gong via reverse-polarity-protected and short-circuit-proof 2-wire bus.
- Parallel connection of up to three surface-mounted gongs or home stations possible.
- One-man commissioning through simple commissioning procedure.
- Operating buttons with integrated LEDs for status display.
- LED display for an incoming call.
- Possibility of ringing tone deactivation.
- Ringing tone differentiation for door call, internal call and floor call.
- Selection of ringing tone melody – up to five different ringing tone melodies can be selected.

The operating buttons of the surface-mounted gong control the following functions:

- Setting the ringing tone melody.
- Switching ringing tone on and off.
- Volume control of calling tone.

Power supply: 26 V DC ± 2 V (bus voltage)  
 Connections: two screw terminals for 2-wire bus  
 two screw terminals for floor-call button  
 Dimensions: W x H x D 55 x 127 x 20 mm  
 Temperature range: -5 °C to +50 °C

**Installation possible without cover frame or with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .**  
**Control device Audio 1287 00 → Page 274.**

**For integration of home stations.**  
**Functional description and additional products**  
**Profile 55 → Page 156.**

Door communication system

Order no.	Packing unit	PS
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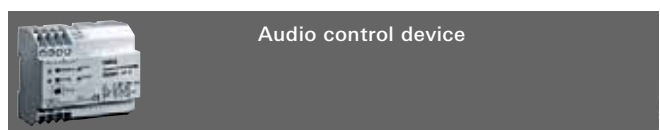
<b>2-gang</b>			
pure white	1192 27	1	17
colour aluminium	1192 26	1	17
<b>3-gang</b>			
pure white	1193 27	1	17
colour aluminium	1193 26	1	17
<b>5-gang</b>			
pure white	1195 27	1	17
colour aluminium	1195 26	1	17
<b>8-gang</b>			
pure white	1198 27	1	17
colour aluminium	1198 26	1	17

**For integration of home stations for table-top installation.**  
**Functional description and additional products**  
 Profile 55 → Page 156.

Door communication system

Order no.	Packing unit	PS
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**Control devices**



DRA	1287 00	1	18
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Control device for the supply of the audio components of the Gira door communication bus.

The audio control device offers the following product features:

- Supply of the reverse-polarity protected, short-circuit-proof 2-wire bus.
  - Self-resetting electronic short-circuit and overload recognition of the operating voltage and the bus connection.
  - Buttons for system and door opener programming.
  - LED status indicators for operation, overload, system programming and door opener programming.
  - 12 V AC output (1 - 10 s) to supply power to a standard door opener (max. power consumption 1.6 A/ED 25 %).
  - Permanent 12 V AC output to supply power to the door communication gateway **1290 00**.
  - Relay output for switching a door opener with its own power supply.
  - Door opener time steplessly adjustable from 1 to 10 seconds.
- The audio control device is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.
- This component enables door communication systems with up to 70 devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for build-in speakers, 68 surface-mounted hands-free feature home stations).

Primary rated voltage:	230 V AC, 50 Hz
Secondary rated voltage:	SELV 26 V DC ±2 V
Secondary rated current:	160 mA continuous load 550 mA peak load (max. 5 seconds) Overload deactivation from 350 mA
Screw terminals:	0.6 mm to 2.5 mm <sup>2</sup>
Door opener output:	12 V AC, 1.6 A/ED 25 %
relay output:	30 V AC/DC, 2 A
Entire cable length:	max. 700 m
Cable length	
from control device	max. 300 m with 0.8 mm cable Ø
to most distant device:	max. 170 m with 0.6 mm cable Ø
Dimensions:	DRA device, 6 depth module
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.**

**Surface-mounted door station 1266 .., 1267 .., 1268 .. → Page 259.**

**Door station stainless steel audio → Page 257.**

**Home station 1250 .., 1280 .., 1281 .. → Page 267.**

**Surface-mounted gong 1200 .. → Page 273.**

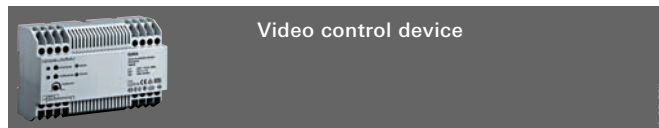
**Built-in loudspeaker 1258 00 → Page 263.**

**Door communications system gateway 1290 00 → Page 272.**

**Switching actuator 1289 00 → Page 276.**



	Order no.	Packing unit	PS
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Video control device

DRA	<b>1288 00</b>	1	10
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Control device for the supply of the audio and video components of the Gira door communication bus.

The video control device offers the following product features:

- Supply of the reverse-polarity protected, short-circuit-proof 2-wire bus when using video components such as colour camera and/or TFT colour display.
- Up to 2 door stations with colour camera and 18 home stations with TFT colour display can be connected.
- Self-resetting electronic short-circuit and overload recognition of the operating voltage and the bus connection.
- Buttons for system and door opener programming.
- LED status indicators for operation, overload, system programming and door opener programming.
- 12 V AC output (1 - 10 s) to supply power to a standard door opener (max. power consumption 1.1 A/ED 25 %).
- Relay output for switching a door opener with its own power supply.
- Door opener time steplessly adjustable from 1 to 10 seconds.

The video control device is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.

If the topology of the video cabling is designed as a rising main installation, the video distributor **1292 00** is also required. In combination with the door communication gateway **1290 00**, the additional power supply **1296 00** is required.

- This video control device enables door communication systems with up to 70 audio devices to be set up (e.g. 1 built-in loudspeaker, 5 add-on modules for build-in speakers, 68 surface-mounted hands-free feature home stations).

Primary rated voltage:	230 V AC, 50 Hz
Secondary rated voltage:	SELV 26 V DC ±2 V
Secondary rated current:	700 mA continuous load 1.15 A peak load (max. 5 seconds) Overload deactivation from 900 mA
Screw terminals:	0.6 mm to 2.5 mm <sup>2</sup>
Door opener output:	12 V AC, 1.1 A/ED 25 %
relay output:	250 V AC, 2 A
Cable length from camera to most distant TFT display:	max. 100 m
Entire cable length with pure video operation:	see Control device Audio <b>128700</b>
Dimensions:	DRA device, 8 depth module
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20

**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.**

**Colour camera for flush-mounted door station 1265 .. → Page 256.**

**Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 259.**

**Door station stainless steel audio, door station stainless steel video → Page 257.**

**Home stations 1280 .., 1281 .. with the supplements call buttons 1283 .., 1285 .., TFT colour display 1286 .., TV gateway 2610 .. → Page 267.**

**VideoTerminal 2600 .. → Page 268.**

**Surface-mounted hands-free feature home station 1250 .. → Page 266.**

**Surface-mounted gong 1200 .. → Page 273.**

**Built-in loudspeaker 1258 00 → Page 263.**

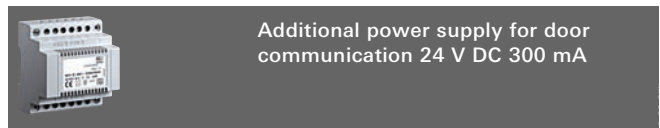
**Switching actuator 1289 00 → Page 276.**

**Additional power supply 1296 00 → Page 275.**

**Video distributor 1292 00 → Page 276.**



	Order no.	Packing unit	PS
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Additional power supply for door communication 24 V DC 300 mA

DRA	<b>1296 00</b>	1	18
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Additional power supply 24 V DC for supply of door communication components in the following application cases:

- Supply of the colour camera in large facilities.
- Supply of the call-button illumination in large facilities.
- Supply of the door communication gateways **1290 00** if the video control device **1288 00** is used.
- Supply of Keyless In keypad **2605 ..**, Transponder reader **2606 ..**, Fingerprint reader **2607 ..**

Primary rated voltage:	230 V AC, 50 Hz
Secondary rated voltage:	SELV 24 V DC
Secondary rated current:	0.3 A
fuse protection:	Fine-wire fuse 250 V, 160 mA
Dimensions:	DRA device, 5 depth module
Temperature range:	-5 °C to +40 °C
Protection type:	IP 20

**Colour camera for door station, flush-mounted 1265 .. → Page 256.**

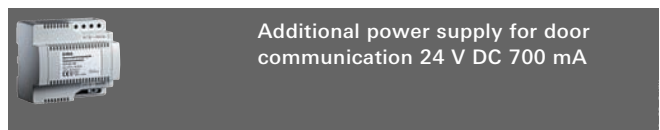
**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.**

**Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 259.**

**Door station stainless steel → Page 257.**

**Door communications system gateway 1290 00 → Page 272.**

**Keyless In keypad 2605 .., Transponder reader 2606 .., Fingerprint reader 2607 .. → Page 280.**



Additional power supply for door communication 24 V DC 700 mA

DRA	<b>2570 00</b>	1	18
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Additional power supply 24 V DC for the supply of the Gira VideoTerminal **2600 ..**

Primary rated voltage:	230 V AC, 50 Hz
Secondary rated voltage:	SELV 24 V DC
Secondary rated current:	0.7 A
fuse protection:	self-resetting electronic short-circuit protection
Dimensions:	DRA device, 6 depth module
Temperature range:	-5 °C to +40 °C
Protection type:	IP 20

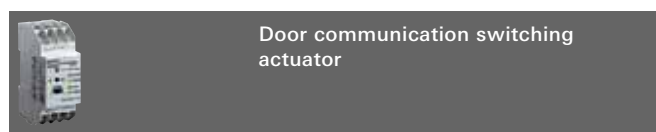
**VideoTerminal 2600 .. → Page 270.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Switching Actuators**

**Video accessories**



Door communication switching actuator

DRA	1289 00	1	18
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Switching actuator for switching light, controlling a door opener on back/side doors or other functions via the Gira door communication bus.

The switching actuator offers the following product features:

- Control of a zero-voltage switch contact 230 V/10 A via the 2-wire bus.
- The switching actuator can be controlled via: the buttons „Door“ and „Light“ on the home station, the call button on the door station, the call button on the home station, the buttons of a telephone (in conjunction with door communication gateway **1290 00**).
- The switching actuator can be used in five different operating modes: Switching, Timer/sec., Timer/min., Pulse and Door Opener.
- Impulse function for controlling existing automatic staircase mechanisms.
- Binary input for switching functions via a connected mechanical push button.
- Switching time can be steplessly adjusted from 1 s to 10 s or 1 min. to 10 min., depending on the function set.

The switching actuator is intended to be installed in the sub-distribution unit. If this is not possible, use a common surface-mounted distributor.

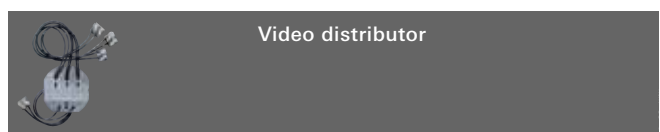
- This component enables door communication systems with more than 30 devices to be set up.

Power supply: 26 V DC ± 2 V (bus voltage)  
 Zero-voltage relay contact: 10 A at 230 V AC  
 2 A at 30 V DC

Number of teachable call buttons: max. 16  
 Dimensions: DRA device, 2 depth module  
 Temperature range: -5 °C to +45 °C

**Control device Audio 1287 00 → Page 274.**

**Video control device 1288 00 → Page 275.**



Video distributor

	1292 00	1	10
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The video distributor is a component for line adjustment of the video signal in the Gira door communication bus.

The video distributor is used:

- When the topology of the video cabling is designed as a rising main installation.
- For completing „blind branch lines“.
- When interconnecting several colour cameras.

If three or more video distributors are used in series in a topology, a suppressor **1287 00** must be used. Up to 7 video distributors can be cascaded consecutively.

The video distributor offers the following product features:

- Flexible connection cables with plug terminals.
- Short-circuit-proof inputs and outputs.
- Installation in the 58 mm flush-mounted box.

Power supply: 26 V DC ± 2 V (bus voltage)

Connections: 1 input  
 3 outputs

Temperature range: -5 °C to +50 °C

Dimensions: Ø x H 52 x 21 mm

**Video control device 1288 00 → Page 275.**

**Suppressor 1278 00 → Page 276.**



Suppressor

	1278 00	1	18
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The suppressor is used when three or more video distributors are used in series in a topology. The suppressor is connected to the BUS terminals of the bus coupler of the home station furthest away.

Temperature range: -10 °C to +60 °C

Dimensions: W x H x D 20 x 25 x 9 mm

**Video distributor 1292 00 → Page 276.**



Connection cable set audio/video 50 cm

	1273 00	1/5	18
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Set of 6-pole audio connection cable and 2-pole video connection cable with a length of 50 cm for remote operation of the colour camera. The cable set is required when the colour camera is to be installed offset from the door station or the built-in loudspeaker, or when with installation in the energy profiles **1354 ..**, **1355 ..** several empty units between the colour camera and the door station (bus coupler) must be bridged.

**Colour camera for flush-mounted door station**

**1265 .. → Page 256.**

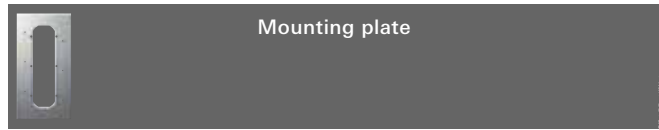
**Built-in loudspeaker 1258 00 → Page 263.**

**Energy profile 1353 .., 1354 .., 1355 .. → Page 181.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Accessories**



Mounting plate

2-gang	1297 00	1	18
3-gang	1298 00	1	18
4-gang	1299 00	1	18

Mounting plate for covering the installation openings of door intercom systems present in the building when retrofitting the Gira door communication system. Holes are provided in the mounting plate for wall installation and openings for installing the Gira flush-mounted door station.

Material: Anodised aluminium.

Dimensions (2-gang): W x H 130 mm x 253 mm

Dimensions (3-gang): W x H 130 mm x 253 mm

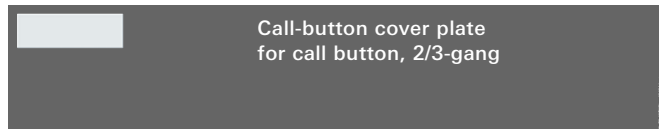
Dimensions (4-gang): W x H 130 mm x 346 mm

Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.

Call button 1262 .., 1293 .., 1263 .., 1294 .. → Page 254.

Info module 1264 00, 1295 00 → Page 255.

Colour camera for flush-mounted door station 1265 .. → Page 256.



Call-button cover plate for call button, 2/3-gang

pure white	1255 66	5	18
anthracite	1255 67	5	18
colour aluminium	1255 65	5	18

For covering call buttons of the flush-mounted door station not required with call button, 2/3-gang 1261 .., 1272 .., of the call button, 2/3-gang, for flush-mounted door station 1263 00, 1294 00, and of the surface-mounted door stations with call button, 2/3-gang 1267 .., 1268 .., 1270 ..

Flush-mounted door station, 2/3-gang 1261 .., 1272 .. → Page 253.

Call button, 2/3-gang 1263 00, 1294 00 → Page 254.

Surface-mounted door station 1267 .., 1268 .., 1270 .. → Page 260.

Tri-Wing screw set		
1407 00	1	09

Tri-Wing screw set for increased theft protection.

Scope of supply: 30 screws.

Fit Tri-Wing screwdrivers.

Cover frames TX\_44, 1 to 4-gang, 0211 65/66/67 to 0214 65/66/67

Surface-mounted door station 1266 .., 1267 .., 1268 .., 1269 .., 1270 .. → Page 259.

Tri-Wing screwdriver 1408 00 → Page 277.

Tri-Wing screwdriver		
1408 00	1	09

Fits Tri-Wing screws 1407 00.

Tri-Wing screw set 1407 00 → Page 277.

Door communication system

Gira now offers something for building technology that has long been standard in the automotive industry: Keyless In products for keyless access into rooms and buildings.

The Gira Keyless In Keypad opens the door when a personal code is entered. Capacitive switching technology enables operation by lightly touching.

The Gira Keyless In Transponder is equipped with long-range transponder technology. The reader responds to the signal of the transponder card or key. It automatically transmits the signal from short and long ranges of approx. 6 cm or 1.5 m.

Using state-of-the-art high-frequency technology, the Gira Keyless In Fingerprint evaluates the structures of the deepest layers of skin of the finger used, and therefore offers a high level of security against tampering.

**Advantages of Gira Keyless In** available for the Gira switch ranges Standard 55, E2, Event, Esprit, E22, the new F100 and TX\_44

can be integrated in the Gira door stations and the Gira energy profiles

no additional control components required for integration in the Gira door communication system

stand-alone operation also possible, e.g. at individual doors or gates

**Advantages of Gira Keypad** a fine acknowledgement tone provides feedback when the buttons are pressed

thanks to capacitive switching technology, buttons remain virtually wear-free.

for better orientation at night, the numbers and symbols are backlit with a blue LED.

**Advantages of Gira Transponder**

in addition to the long-range function, it can also be used as a short-range transponder

contactless transponder technology offers wear-free operation

door opening can be carried out with a transponder card or key and from short or long ranges as required.

**Advantages of Gira Fingerprint**

thanks to high frequency technology, it can evaluate signs of life in the finger and also evaluates fingers which have been injured on the skin surface or are slightly soiled.

the contact surface of the sensor is illuminated around the edges by white LEDs



3



4



5

Gira Keyless In  
Gira E2, pure white glossy

3  
Transponder

4  
Keypad

5  
Fingerprint

Gira Keyless In  
Gira TX\_44, colour aluminium

6  
Transponder

7  
Keypad,  
flush-mounted door station  
with door loudspeaker and  
call button, 2/3-gang

8  
Fingerprint

# Gira Keyless In

Keyless access to rooms and buildings Keyless In

## Keyless In

Keypad	280
Fingerprint	281
Transponder	282
Programming card	283
Transponder key active	283
Transponder card	283

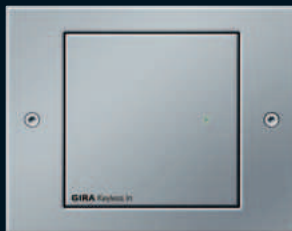
- 1 Transponder key for long-range reading
- 2 Transponder card for short-range reading



1



2



6



7

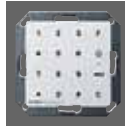


8

Order no.	Packing unit	PS
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## Keyless In

As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.



Keyless In Keypad

## System 55

cream white glossy	2605 01	1	10
pure white glossy	2605 03	1	10
pure white matt	2605 27	1	10
anthracite	2605 28	1	10
colour aluminium	2605 26	1	10

## E22

Stainless Steel (lacquered)	2605 20	1	10
Aluminium (lacquered)	2605 203	1	10
pure white glossy	2605 03	1	10

## TX\_44

pure white	2605 66	1	10
anthracite	2605 67	1	10
colour aluminium	2605 65	1	10

Keypad as access control system based on a capacitively acting and therefore wear-free button field.

The keypad offers the following product features:

- Installation in the 58 mm flush-mounted box.
- Capacitive button field. Coming close to or touching the numbers is sufficient for code entry. Thanks to the wear-free capacitive technology, no recognisable wearing of frequently used number combination.
- As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons and a door call system for buildings with several housing units.
- In standalone operation, the zero-voltage relay contacts contained in the flush-mounted insert are used for the switching processes, e.g. for door openers with **their own** power supply (e.g. common bell transformer).
- Special button "C": Deleting an incorrect entry.
- Special button "Key": After entry of the correct code, direct door opening is carried out when the button is pressed.
- Special button "Bell": Specific selection of home stations in large facilities.
- Special button "F": Switching functions are possible with this button in conjunction with switching actuators **1211 00** and **1289 00** of the Gira door communication system.
- Integration in the Gira door communication system without additional system components.
- Commissioning possible with direct configuration on the device – the keypad is put into operation without a PC or programming software.
- Homogeneous blue LED illumination of the numbers and special characters at night.
- Design diversity via integration in the Gira design platforms TX\_44 and System 55. Integration in F100 and Stainless Steel Series 20 and Series 21 possible with adapter frames.
- Master PIN number provided on included sealed security card if Administrator PIN number is lost.
- The keypad can manage up to 255 codes.
- Up to 32-digit codes possible.
- Audible feedback when buttons are touched.
- Three-colour LED status display for optical signalling during programming and operation.

Order no.	Packing unit	PS
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- Warning tone in case of unauthorised removal of the keypad top unit for tamper detection. A tampering circuit can also be realised in connection with the Gira door communication system using a switching actuator.
- The two integrated two-way switch relays can be assigned two different codes, e.g. Code 1: door opening, Code 2: switching outside light.

## Inputs and outputs

- Switching contact: 2 relays with zero-voltage two-way switch contacts
- Load capacity: 24 V/1.6 A AC/DC
- Connector strip for system bus of Gira door communication system
- 2 connections for additional supply

Protection type:	IP 20 (TX_44 = IP 44)
Power supply:	24 V DC ±10% (power supply <b>1296 00</b> ) or 26 V DC ± 2 V (door-communication bus voltage)
Temperature range:	-20 °C to +70 °C
Resistance to EMD:	up to 16 kV

Flush-mounted door station **1260 ..**, **1261 ..**, **1271 ..**, **1272 ..** → Page 252.

Control devices **1287 00**, **1288 00**, Additional power supply **1296 00** → Page 274.

## For integration in F100:

Intermediate plate 55 x 55 mm **0289 ..** → Page 128.

For integration in Stainless Steel Series 20, Series 21:

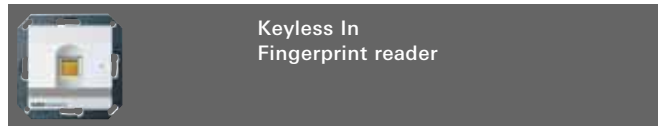
Intermediate plate 55 x 55 mm **0289 20** → Page 97.

Integration in a modular function profile → Page 161.

Integration in Profile 55 → Page 156.



Order no.	Packing unit	PS
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Keyless In Fingerprint reader

System 55			
cream white glossy	2607 01	1	10
pure white glossy	2607 03	1	10
pure white matt	2607 27	1	10
anthracite	2607 28	1	10
colour aluminium	2607 26	1	10

E22			
Stainless Steel (lacquered)	2607 20	1	10
Aluminium (lacquered)	2607 203	1	10
pure white glossy	2607 03	1	10

TX_44			
pure white	2607 66	1	10
anthracite	2607 67	1	10
colour aluminium	2607 65	1	10

Fingerprint module as professional biometric access control system based on the new generation of surface-scan technology.

The fingerprint module offers the following product features:

- The latest generation of fingerprint technology: with the Gira fingerprint uses high-frequency scanning of the deepest layer of skin. This innovative process results in a high detection rate and security against tampering.
- Access control system based on biometric characteristics of the human finger. An evaluation of the unique characteristic features of the living human finger is carried out.
- Installation in the 58 mm flush-mounted box.
- As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.
- In standalone operation, the zero-voltage relay contacts contained in the flush-mounted insert are used for the switching processes, e.g. for door openers with **their own** power supply (e.g. common bell transformer).
- Integration in the Gira door communication system without additional control components.
- Design diversity via integration in the Gira design platforms TX\_44 and System 55. Integration in F100 and Stainless Steel Series 20 and Series 21 possible with adapter frames.
- Commissioning with direct configuration on the device – the fingerprint module is put into operation without a PC or programming software.
- Detection of signs of life in the finger.
- Up to 50 fingers can be managed by the fingerprint reader.
- Reliable detection of fingers which, for example, were slightly injured during gardening (only the top layer of skin was injured).
- The digitised data of the fingerprint can only be detected and processed further by the Gira fingerprint evaluation unit. A reconstruction of the fingerprint is not possible due to the encryption process used. As a result, unauthorised use is prevented and data protection is ensured.
- The Gira fingerprint sensors feature special software logic, which enables constant checking of fingers and saves the necessary reference again. This is especially important for the fingers of children, which change over time and must be updated in memory. **Note:** Children's fingers can generally first be reliably detected from 6 years of age.
- Laying on finger at an angle of up to 15 degrees to each side from the zero axis is detected and corrected.
- Fast reaction time from laying on finger to release:
  - up to 30 stored fingers approx. 1 second
  - up to 50 stored fingers approx. 3 seconds
- Night design of fingerprint surface for orientation as to where finger must be laid on. Homogenous illumination with white LED illumination.
- Three-colour LED status display for optical signalling during programming and operation.

Order no.	Packing unit	PS
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- Master PIN number provided on included sealed security card if Administrator finger is no longer available. The device can be reset at the factory with the accompanying security card.
- Acknowledgement number for acoustic signalling for user or installer.
- Audible warning in case of unauthorised removal of the fingerprint top unit, i.e. tamper detection. A tampering circuit can also be realised in connection with the door communication system using a switching actuator.
- The two integrated two-way switch relays can be assigned two different fingers, e.g. thumb: control of door opening; index finger: switching outside light.

**Inputs and outputs**

- Switching contact: 2 relays with zero-voltage two-way switch contacts, load capacity 24 V/1.6 A AC/DC.
- Connector strip for system bus of Gira door communication system
- 2 power supply connections

Protection type: IP 20 (TX\_44 = IP 44)  
 Power supply: 24 V DC ±10% (power supply **1296 00**) or 26 V DC ± 2 V (door-communication bus voltage)

Temperature range: -20 °C to +70 °C

Resistance to EMD: up to 15 kV

**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 .. → Page 252.**

**Control devices 1287 00, 1288 00, Additional power supply 1296 00 → Page 274.**

**For integration in F100:**


**Intermediate plate 55 x 55 mm 0289 .. → Page 128.**

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Integration in a modular function profile → Page 161.**

**Integration in Profile 55 → Page 156.**

	Order no.	Packing unit	PS
			
<b>Keyless In transponder reader</b>			
<b>System 55</b>			
cream white glossy	2606 01	1	10
pure white glossy	2606 03	1	10
pure white matt	2606 27	1	10
anthracite	2606 28	1	10
colour aluminium	2606 26	1	10
<b>E22</b>			
Stainless Steel (lacquered)	2606 20	1	10
Aluminium (lacquered)	2606 203	1	10
pure white glossy	2606 03	1	10
<b>TX_44</b>			
pure white	2606 66	1	10
anthracite	2606 67	1	10
colour aluminium	2606 65	1	10
<b>Power supply</b>			
DRA	1296 00	1	18

Transponder reader as access control system based on long-range transponder technology.

The transponder reader offers the following product features:

- Installation in the 58 mm flush-mounted box.
- New-generation access control system based on contact-free, wear-free long-range transponder technology (range typically 1.5 m in a metal-free environment with frontal approach).
- No action required to control door opening. The active transponder key **2609 00** can remain in the user's pocket; door opening is automatically controlled when the door is approached.
- In addition, the passive transponder technology (HITAG 2 standard) is integrated in the transponder reader with a reading distance of approx. 6 cm (specification of reading distance for credit-card sized ID cards).
- Management of up to 250 active or passive transponders (in HITAG2 standard). Each active transponder key and each passive transponder card has its own code, and is therefore unique.
- As standalone device or in combination with the Gira door communication system, enables convenient door opening for authorised persons.
- In standalone operation, the zero-voltage relay contacts contained in the flush-mounted insert are used for the switching processes, e.g. for door openers with **their own** power supply (e.g. common bell transformer).
- Integration in the Gira door communication system without additional control components.
- Commissioning possible with direct configuration on the device – the transponder reader is put into operation without a PC or programming software.
- Design diversity via integration in the Gira design platforms TX\_44 and System 55. Integration in F100 and Stainless Steel Series 20 and Series 21 possible with adapter frames.
- The transponder reader and the transponder key operate reliably even under difficult environmental conditions.
- Two-colour LED status display for optical signalling during programming and operation.
- Acoustic signalling with an acknowledgement number.
- **One programming card is always required per building.**
- The two integrated two-way switch relays are assigned the following functions:
  1. Far-field relay:  
if a learned-in active transponder key **2609 00** is brought into the detection area of the transponder reader (up to typically 1.50 m distance with metal-free environment and frontal approach), the far-field relay is activated for the set time (e.g. for activation of the door opener).
  2. Near-field relay:  
if the active transponder key **2609 00** or the passive transponder card **2611 00** is held at a distance of typically 6 cm before the transponder reader, the near-field relay is activated for the set period of time (e.g. for switching on the outside light).

	Order no.	Packing unit	PS
<ul style="list-style-type: none"> <li>• <b>Note:</b> If the transponder reader is used in a metallic environment, the far-field range of typically 1.50 m will be considerably reduced depending on the area of use (for use in energy profiles typically 0.9 m, for use in Profile 55 typically 0.6 m).</li> <li>• Activation input for activation and deactivation of the transponder reader, e.g. in conjunction with induction loops.</li> </ul>			

#### Inputs and outputs

- Activation input
- Switching contact: 2 relays with zero-voltage two-way switch contacts, load capacity 24 V/1.6 A AC/DC.
- Adapter cable for connection to system bus of Gira door communication system
- 2 power supply connections

Protection type: IP 20 (TX\_44 = IP 44)  
 Power supply: 24 V DC ±10% (power supply **1296 00**)  
 Temperature range: -20 °C to +55 °C  
 Resistance to EMD: up to 16 kV

**Programming Card 2608 00** → Page 282.

**Active transponder key 2609 00** → Page 283.

**Transponder card 2611 00** → Page 283.

**Flush-mounted door station 1260 .., 1261 .., 1271 .., 1272 ..** → Page 252.

**Control devices 1287 00, 1288 00, Additional power supply 1296 00** → Page 274.

#### For integration in F100:


**Intermediate plate 55 x 55 mm 0289 ..** → Page 128.

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20** → Page 97.

**Integration in a modular function profile** → Page 161.

**Integration in Profile 55** → Page 156.

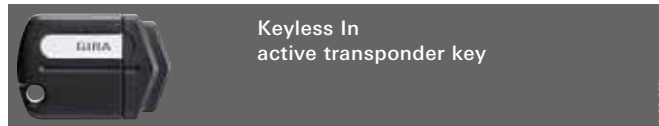
			
<b>Keyless In programming card</b>			
yellow/grey	2608 00	1	10

Programming card for commissioning and reprogramming the Keyless In transponder reader. One programming card is **mandatory** per building. Master PIN number provided on included sealed security card if programming card is lost.

Protection type: IP 54  
 Dimensions: W x H x D 36 x 53 x 15 mm

**Keyless In transponder reader 2606 ..** → Page 282.

Order no.	Packing unit	PS
-----------	--------------	----



black	2609 00	1	10
-------	---------	---	----

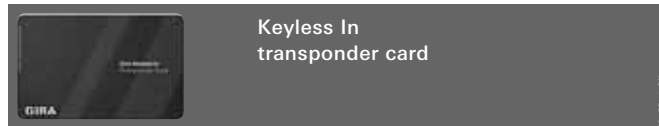
Active transponder key for conveniently opening the door in conjunction with the Keyless In transponder reader. The active transponder key can remain in the user's pocket; door opening is automatically controlled when the door is approached. In addition, a passive transponder technology with a reading distance of approx. 6 cm (specification of reading distance for credit-card sized ID cards) is integrated. Each transponder key has its own code, and is therefore unique.

Battery: 1 x Lithium round cell (CR 2032)  
(batteries included in the scope of supply are consumables and must be replaced regularly)

Protection type: IP 54

Dimensions: W x H x D 36 x 53 x 15 mm

**Keyless In transponder reader 2606 .. → Page 282.**



black/silver	2611 00	1	18
--------------	---------	---	----

Passive transponder card (credit card format) for conveniently opening the door in conjunction with the Keyless In transponder reader. In contrast to the transponder key, immediate proximity to the transponder reader is required with the transponder card. Passive transponder technology according to the HITAG 2 standard with a reading distance of approx. 6 cm. Each passive transponder card has its own code and is therefore unique.

Dimensions: W x H 86 x 54 mm

**Keyless In transponder reader 2606 .. → Page 282.**

Keyless In

Connections for electronic data transfer and telecommunication are required everywhere today. Gira installation systems enable the attractive integration of the plug connectors of modern communication technology in the switch design. This chapter contains a broad range of inserts for data technology, fibre-optics cable systems and acoustic systems, however also components for general network technology.

### Advantages

diversity and flexibility due to a large breadth and depth of products enables the attractive integration of the data and communication connection technology in the rest of the installation

the product range consists of high-quality devices, e.g. the data cap with the WBT high-end loudspeaker connector insert

integration is possible in the Gira data cap, which is available in the design of a broad range of Gira switch ranges, and therefore matches the rest of the electrical installation

compatible to a large number of manufacturers, e.g. Radiall, IBM, Reichle de Massari etc.



1



2



3

1  
Stereo loudspeaker connection box  
Gira E2,  
pure white matt

2  
Coaxial antenna socket for TV/radio  
with additional SAT connection  
Gira E2,  
pure white matt

3  
TAE telephone connection box  
Gira E2,  
pure white matt

# Data and communication connection technology

## Flush-mounted inserts and accessories

Variations of component integration for data connection technology:

### Variation 1

Various inserts in conjunction with the data cap for a vertical or 30° angled outlet.

### Variation 2

Special range-specific covers for the various connection technologies.

### Variation 3

A pluggable data cap or various intermediate plates for mounting the devices of other manufacturers with a 50 x 50 mm square central plate.

For Gira TX\_44, integration with central inserts from System 55 by means of an intermediate plate with a hinged cover is available as a fourth variation.

As a result, Gira offers a comprehensive system for data and communication connection technology, which is characterised by extreme diversity and flexibility.

## Communication technology

Integration matrix	286
Data cap inserts	288
Telecommunication	290
Data systems technology	291
TV/multimedia	294
Acoustics	294

You'll find matching top units and cover frames in the chapter of the corresponding switch ranges.

### Variation 1



Data cap

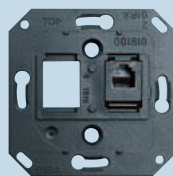


Insert

### Variation 2



Range-specific cover



Support ring

### Variation 3



Pluggable data cap



Central plate, 50 x 50 mm



System

Overview for the integration of communication systems in Gira switch ranges

		System 55	F100	S-Color	E22 <sup>1)</sup>	TX_44	Water-protect. surf.-mnt. syst.
<b>All systems/ components with 50 x 50 mm central plate</b>	Alcatel, AMP Econo Link System, Brand-Rex, BTR, Cellpack, Corning, Drahtex, Hirose, ITT Canon, Kannegieter BICC Brand Rex, Hirschmann, IBM, Kerpen ELine 600, Krone, Molex, Nedap, Panduit, Quante, Reichle de Massari, Rutenbeck, Siemens (HomeWay System), Siemens ICCS, Schumann Netzwerktechnik, Telecom, Telegärtner, Telenorma, TKM etc.	3	3/4	3	3	3/4	
<b>Data systems technology</b>	Alcatel System	Epsilon Connectors	2	2	2	4	
	AMP	ACO System (Cat. 5, Cat. 6)	1	1	1	1/4	
		110 connect system: Modular Jack, Cat. 5, 2-gang	1/2	1/2	1/2	1/4	1
		Modular Jack, Cat. 3, 2-gang	1/2	1/2	1/2	1/4	1/2
		Modular Jack, Cat. 3, 1-gang	1	1	1	1/4	1
	D-Sub	9/15/25-pole	1/2	1	1/2	1	1/4
	Drahtex	Modular Jack, Cat. 5, Cat. 6, 2-gang	1	1	1	1/4	1
	ITT Canon	808 MK 2/MK 3 ... Modular Jack Cat. 5	1/2	1/2	1/2	1/4	1
	Krone	Modular Jack shielded/unshielded	2	2	2	4	
	Lucent (AT + T)	Modular Jack, Cat. 3/5, 2-gang	1/2	1/2	1/2	1/4	1
	Nortel	Modular Jack, Cat. 5	2	2	2	4	
	Panduit	Modular Jack, MINI-COM	2	2	2	4	
	Radiall	Modular Jack, Cat. 3/5	1/2	1/2	1/2	1/4	1
	Reichle de Massari	ACS system, Cat. 5	1	1	1	1/4	
		Modular Jack, Cat. 6 mit adapter no. 1	2			4	
	Rutenbeck	Connection box Cat. 5, shielded 1-gang, 2-gang	3*	3*	3*	3*	3*/4
		UAE-Cat. 6/Class E-8/8-K, UAE-Cat. 6/Class E-8/8	3*	3*	3*	3*	3*/4
	Telegärtner	OCS system 100/300	1	1	1	1/4	
		AMJ45 8/8 UP/50 Cat. 6+	3*	3*	3*	3*	3*/4
	Thomas und Betts	Nevada Western Structured Wiring System/ IBM ACS Mini-C/600 MHz	1	1	1	1/4	
<b>Telecommuni- cation/ telephone systems</b>	TAE/TDO connection systems		2	2	2	4	
	UAE/IAE/ISDN connection boxes (Rutenbeck)	Modular Jack connection boxes Cat. 3	2	2	2	4	
	Telephone wall socket		2	2		4	
	Telephone connector socket		2	2	2	4	2
<b>TV/SAT/ Radio</b>	BNC/TNC antenna socket	2/3-gang (R, TV, SAT)	2	2	2	4	
		4-gang (R, TV, 2 x SAT) (Hirschmann, Ankaro ECG, Elektro, Astro)	3*	3*	3*	4	
	BNC/TNC		1/2	1/2	1/2	1	4
<b>Multimedia</b>	Siemens HomeWay System		3	3	3	4	
	Nedap combination system		3	3	3	4	

Communication  
technology  
Inserts, accessories

## Overview for the integration of communication systems in Gira switch

			System 55	F100	S-Color	E22 <sup>1)</sup>	TX_44	Water-protect. surf.- mnt. syst.	
<b>Acoustic/ loudspeaker systems</b>	High-end loudspeaker plug connector (WBT)	Cable diameter 10 mm <sup>2</sup> , screw nut or banana plug	1	1	1	1	1/4		
	Loudspeaker plug connector (WBT)	Cable diameter 10 mm <sup>2</sup> , screw nut or banana plug	2				4		
	Loudspeaker socket outlet	DIN 41 529	2	2	2	2	4		
	Speaker terminal		2	2	2	2	4		
	XLR	C series		1	1	1/2	1	1/4	1
		D series		1/2	1/2	1	1	1/4	1
Speakon series			1/2	1/2	1	1	1/4	1	
<b>Fibre-optics cable systems</b>	SC Systems Telegärtner/AMP etc.	SC duplex couplers, 2-gang	1	1	1	1	1/4		
		ST/SC duplex adapters, 2-gang	1	1	1	1	1/4		
		SC simplex couplers, 4-gang	1	1	1	1	1/4		
		SC/ST simplex adapters, 4-gang	1	1	1	1	1/4		
	ST Systems Telegärtner, AMP etc.	2,5 mm, bayonet connection technology	1	1	1	1	1/4		
	3M Volition		1	1	1	1	1/4		
	AMP MTRJ		1	1	1	1	1/4		
	E2000		1	1	1	1	1/4		
	FDDI		1	1	1	1	1/4		
<b>Others</b>	BNC/TNC		1/2	1/2	1/2	1	1/4	1	
	CAG		3	3	2/3	3	3/4		
	Command and signalling devices etc.	Diameter: 22,5 mm	2	2	2		4	2	
	Circular connectors etc.	Diameter: 30 mm		2	2				
	Hotel card systems		2		2		2		

<sup>1</sup> Variation 1: Integration via data caps and system-specific inserts

<sup>2</sup> Variation 2: Integration via range-specific central plates/covers

<sup>3</sup> Variation 3: Integration via intermediate plates for devices from other manufacturers with square cut-out (50 x 50 mm)

<sup>4</sup> Variation 4: Integration via F100 intermediate plate and central inserts from System 55,  
or via TX\_44 intermediate plate with transparent hinged cover and central inserts from System 55

<sup>1)</sup> E22 thermoplastic pure white glossy  
like System 55

\* range-specific central plate (50 x 50 mm)  
for integration via intermediate plate

Order no.	Packing unit	PS
-----------	--------------	----

**Inserts for Data Caps**  
Data Caps Order No. 0870 .. and 0262 30.

Insert for Modular Jack/Western Technology AMP/Radiall			
1-gang	<b>0052 00</b>	5	01
2-gang <sup>1)</sup>	<b>0053 00</b>	5/25	01

Suitable for:

- AMP 6-pole Netherlands 216 000 Cat. 3, **0044 00**
- AMP 8-pole Netherlands 216 005 Cat. 3, **0045 00**
- AMP 6-pole 0216000-1 Cat. 3
- AMP 6-pole 0216005-1 Cat. 3
- AMP 6-pole 1116603-1 toolless Cat. 3
- AMP 8-pole 1375117-1 Class E shielded
- AMP 8-pole 0188650-5 Cat. 5e PiMF shielded
- AMP 8-pole 0338038-1 Cat. 5e FTP shielded
- AMP 8-pole 1116604-1 toolless Cat. 5e unshielded
- AMP 8-pole 1116605-1 toolless Class E unshielded
- AMP 8-pole 1339015-1 toolless Cat. 5e shielded
- AMP 8-pole 1375055-1 SL Cat. 6 unshielded
- AMP 8-pole 1375188-1 SL Cat. 6 shielded
- AMP 6-pole RJ 11 553 983-1 Cat. 3
- AMP 8-pole RJ 45 554 546-1 Cat. 3
- Radiall RJ 12 Type 6P 6C Cat. 3, unshielded
- Radiall R 280 Mod. 804 RJ 12 Cat. 3, unshielded
- Radiall R 280 Mod. 805 RJ 45 Cat. 4, unshielded
- Radiall R 280 Mod. 807 RJ 45 Cat. 5, unshielded
- Drahtex RJ 45 Jack Cat. 5, 6
- 3 M Volition optical waveguide duplex

<sup>1)</sup>Second opening can be closed off.

**Fits data cap 0870 ...**

**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**



Insert for Modular Jack/Western Technology AMP			
2-gang	<b>0039 00</b>	5/25	01

Second opening can be closed off.

Suitable for:

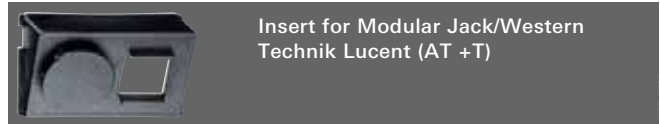
- AMP 8-pole 555 235-1 Cat. 3, unshielded
- AMP 6-pole 1116603-1 toolless Cat. 3
- AMP 8-pole 1116515-1 Cat. 5e shielded, **0043 00**
- AMP 8-pole 1375117-1 Class E shielded
- AMP 8-pole 0188650-5 Cat. 5e PiMF shielded
- AMP 8-pole 0338038-1 Cat. 5e FTP shielded
- AMP 8-pole 1116604-1 toolless Cat. 5e unshielded
- AMP 8-pole 1116605-1 toolless Class E unshielded
- AMP 8-pole 1339015-1 toolless Cat. 5e shielded
- AMP 8-pole 1375055-1 SL Cat. 6 unshielded
- AMP 8-pole 1375188-1 SL Cat. 6 shielded
- Kannegieter BICC Brand Rex Snap-In-Jacks RJ 45
- Krone Inline RJ 45 shielded/unshielded
- AMP 8-pole 188 650-1 Cat. 5, shielded, EMT
- AMP 8-pole 188,650-4 Cat. 5, shielded, EMT
- AMP 8-pole 338 038-3 Cat. 5, EMT 110 PIMF cable
- AMP 8-pole 188 650-3 Cat. 5, shielded
- AMP 8-pole 186 605-1 Cat. 5, unshielded toolless
- AMP MT RJ beam waveguide Duplex

**Fits data cap 0870 ...**

**Pin jack for Modular Jack 0043 00 → Page 292.**



Order no.	Packing unit	PS
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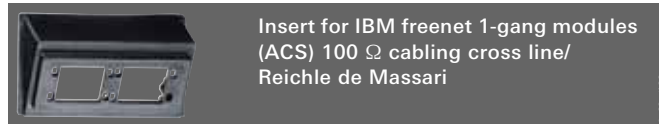
2-gang	<b>0058 00</b>	5/25	01
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Second opening can be closed off.

Suitable for:

- 2 x AT + T M 100.2 x AT + T M 11 b/C or
- 2 x AT + T T 568 B

**Fits data cap 0870 ...**



1-gang	<b>0047 00</b>	5/25	01
--------	----------------	------	----

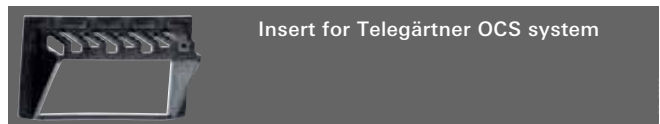
Suitable for two 1-gang modules:

- RJ 45, Cat. 5, Cat. 6 shielded/unshielded,
- beam waveguide E 2000 Compact Duplex IBM ACS Fibre,
- SC Compact Duplex

Only suitable for horizontal installation.

**Not suitable in combination with the water-protected surface-mounted system.**

**Fits data cap 0870 ...**



	<b>0088 00</b>	5	01
--	----------------	---	----

Suitable for:


- OCS open cabling system / 1-gang, 2-gang and 2 x 1-gang modules.
- Only suitable for outlet inclined at 30°.

**Not suitable in combination with the water-protected surface-mounted system.**

**Fits data cap 0870 ...**





Order no.	Packing unit	PS
	Insert for Thomas & Betts system (Nevada Western Structured Wiring System/ IBM ACS Mini-C/600 MHz)	
0064 00	5/25	01

Second opening can be closed off.  
Nevada Western Structured Wiring System:  
With separate O.M.N.I. mounting clip (Thomas & Betts Art. No. 025-1099-1BK or IBM Art. No. 58 G 6873) suitable for:  
Standard IDC jacks  

- 009-6-741F-803E, RJ 45, uncoded
- 009-6-747F-803E, RJ 45, coded

 Cat. 5 jacks (shielded)  

- T&B No. 009-SH-747-C5
- IBM No. 59G 1080/ACS

 Functional IDC jacks  

- 009-6-741L-8, RJ 45 or 009-6-741SB-8, RJ 45

 BNC coaxial connectors  


- 005-900-00-00, 005-900-00-20, 005-900-20-00 or 009-7-720-3


 BNC in-line coupler  


- 005-907-04-00 or 009-7-720-7


 Fibre optic couplers  


- 005-706-00-02, 009-7-721-1, 005-765-01-10 or 009-7-721-2


IBM ACS Mini-C/600 MHz:  
With separate Mini-C clips 51 H 7903 (black), 51 H 7904 (white) and 51 H 7961 (creme white), suitable for the various Mini-C components from Thomas & Betts or IBM.  
**Not suitable for water-protected surface-mounted system.**  
Fits data cap 0870 ... 


	Insert for AMP (ACO) (communications outlet)	
0059 00	5/25	01


Only fits in cover plate 0870 ...  
Only suitable for outlet inclined at 30°. Suitable in combination with AMP/ACO inclined-installation housing, Part No. 966 036-1, also for category 6, 600 MHz, 622 Mbit/s, class E -DIN 44312-5.  
Fits data cap 0870 ... 


	Insert for ST beam waveguide 2.5 mm	
0732 00	5	01


Suitable for:  
Telegärtner/T-ST coupler Part No. J 08011 A 0002, AMP / 501 381-1 REVB 9415 /bayonet connection technology, AMP etc.  
**Not suitable in combination with water-protected surface-mounted system.**  
Fits data cap 0870 ... 

Order no.	Packing unit	PS
	Insert for beam waveguide/SC duplex coupler	
2-gang	0089 00	5/25
		01


Suitable for:  
Telegärtner/T-SC-Duplex coupler Part No. J 08081 A 0002, Telegärtner/ST-SC-Duplex adapter Part No. J 08082 A 0003, Telegärtner/ST-SC-Duplex adapter Part No. J 08082 A 0002, AMP/SC feed-through coupler AMP Part No. 502776-7, AMP/SC-ST feed-through coupler AMP Part No. 503137-1, AMP etc., Amphenol.  
**Not suitable in combination with water-protected surface-mounted system.**  
Fits data cap 0870 ... 

	Insert for D-sub-miniature	
	0050 00	5/25
		01


Second opening can be closed off.  
Fits data cap 0870 ...  
Plugs 0021 00, 0022 00, 0023 00 → Page 293. 

	Insert for two XLR circular connectors, D series, Speakon series NL 4 MP (Neutrik)	
	0055 00	5/25
		01

Second opening can be cut out.  
Fits data cap 0870 ...  
XLR circular connector, D series flange pin jack 0036 00 → Page 294.  
XLR circular connector, D series flange plug 0037 00 → Page 295. 

	Insert for two XLR circular connectors, C series (Neutrik)	
	0092 00	5
		01

Second opening can be cut out.  
Fits data cap 0870 ...  
XLR circular connector, C series flange pin jack 0436 00 → Page 295.  
XLR circular connector, C series flange plug 0437 00 → Page 295. 

Order no.	Packing unit	PS
	Insert with high-end loudspeaker connectors WBT (+/-)	
0091 00	5	01


For the professional connection of loudspeaker lines up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.

**Not suitable in combination with water-protected surface-mounted system.**

Material: OFC copper, 24-carat gold plated  
 Contact resistance: ≤ 0.1 mΩ with terminal attachment  
 ≤ 0.15 mΩ with attachment via standard banana plug


Fits data cap 0870 ...



Order no.	Packing unit	PS
	Scart/Euro-AV pin jack insert	
0093 00	5	01

Fits data cap 0870 ...




Order no.	Packing unit	PS
	Universal insert including adapter set	
0049 00	1	01

Second opening can be closed off.

Fits data cap 0870 ...




Order no.	Packing unit	PS
	Blank insert	
0048 00	5/25	01

Also available on request with special drilled holes, e.g. Dracod/Draconnect from manufacturer Drahtex, E 2000 Duplex from manufacturer Diamond, FDDI plug connections FSD/RSD.

Fits data cap 0870 ...



Order no.	Packing unit	PS
<b>Telecommunication</b>		


Order no.	Packing unit	PS
	TAE connection box	

<b>TAE 6 F/N</b> (1 telephone or 1 additional device) black	1100 10	1/5	01
--	---------	-----	----

<b>TAE 2 x 6/6 NFF</b> (2 telephones and 1 additional device) black	0032 10	1/5	01
--	---------	-----	----


<b>TAE 3 x 6 NFN</b> (1 telephone and 2 additional devices) black	0033 10	1/5	01
--	---------	-----	----

**TAE: Suitable for cover plate 0276 .., 0876 ..**

Order no.	Packing unit	PS
	Cord outlet insert with 5-pole lustre terminal	
0400 00	1/5	01

Connections: Screwed terminals max. 2.5 mm<sup>2</sup>

**Suitable for cover plate 0274 ...**

Order no.	Packing unit	PS
	UAE/IAE (ISDN) connection box Cat. 3 1-gang, 1 x 8-pole	


with screw terminal	0179 00	1/5	01
---------------------	---------	-----	----

with LSA-plus connection technology	0186 00	1/5	01
-------------------------------------	---------	-----	----

UAE/IAE (ISDN-compliant) RJ 11/12 and RJ 45 8-pole for 6 and 8-pole plugs. 8 contacts and one supporting contact for one terminal.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**

Order no.	Packing unit	PS
	UAE/IAE (ISDN) connection box Cat. 3 2-gang, 2 x 8-pole	

with screw terminal	0187 00	1/5	01
---------------------	---------	-----	----

with LSA-plus connection technology	0188 00	1/5	01
-------------------------------------	---------	-----	----

UAE/IAE (ISDN-compliant) RJ 11/12 and RJ 45 8-pole for 6 and 8-pole plugs. 8 contacts and one supporting contact for two terminal.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**

Order no.	Packing unit	PS
-----------	--------------	----



UAE/IAE (ISDN)  
connection box Cat. 3  
2-gang, 2 x 8-pole 8/8 (8/8)

with screw terminal **0190 00** 1/5 01

with LSA-plus connection  
technology **0189 00** 1/5 01

UAE/IAE (analogue, 2 phone numbers possible) RJ 11/12 and RJ 45 8/8 (8/8)

2 x 8-pole for 6 and 8-pole plugs.

2 x 8 contacts and one supporting contact for two terminals.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**

Order no.	Packing unit	PS
-----------	--------------	----

#### Data systems technology



Network connection box  
8/8 (8), class E/Cat. 6 link

with LSA-plus connection  
technology **0166 00** 5 01

UAE 8/8 (8) 2-gang RJ 45 2 x 8-pole for 6 and 8-pole plugs.  
2 x 8 plug-in contacts for two terminals. For screw mounting.  
For network installation / interconnect class E/250 MHz as per ISO/IEC draft 11801 2nd issue. For applications in the LexCom system.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**



Network connection box  
Cat. 5 shielded, 1-gang 1 x 8-pole

with LSA-plus connection  
technology **0180 00** 5 01

UAE 1-gang RJ 45 1 x 8-pole for 6 and 8-pole plugs.  
1 x 8 plug-in contacts for one terminal. For screw mounting.  
For network installation up to 155 Mbit/s.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**



Network connection box  
Cat. 5 shielded, 2-gang, 2 x 8-pole  
5-8/8

with LSA-plus connection  
technology **0178 00** 1 01

UAE 5-8/8 2-gang RJ 45 2 x 8-pole for 6 and 8-pole plugs.  
2 x 8 plug-in contacts for two terminals. For screw mounting.  
For network installations up to 155 Mbit/s.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**




Network connection box  
Cat. 5e-8 K, shielded, 1-gang  
(especially for duct installation)

with LSA-plus connection  
technology **0802 00** 5 02

UAE 1-gang RJ 45 1 x 8-pole for 6 and 8-pole plugs.  
1 x 8 plug-in contacts for one terminal. For screw mounting.  
For network installation up to 155 Mbit/s.

**Suitable for cover plate 0270 .., 0284 ..**

**In combination with cover plate 0270 .., 0284 .. suitable for covering cap 0682 ...**

Order no.	Packing unit	PS
	Network connection box Cat. 5e-8/8 K, shielded, 2-gang (especially for duct installation)	

with LSA-plus connection technology **0805 00** 5 02

UAE 5-8/8 2-gang RJ 45 2 x 8-pole for 6 and 8-pole plugs. 2 x 8 plug-in contacts for two terminals. For screw mounting. For network installations up to 155 Mbit/s.


**Suitable for cover plate 0270 .., 0284 ..**  
**In combination with cover plate 0270 .., 0284 ..**  
**suitable for covering cap 0682 ..**

	Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack AMP/Radiall	
<b>0191 00</b>	5	01

For screw attachment only.

Suitable for:

- AMP 6-pole Netherlands 216 000 Cat. 3, **0044 00**
  - AMP 8-pole Netherlands 216 005 Cat. 3, **0045 00**
  - AMP 6-pole 0216000-1 Cat. 3
  - AMP 6-pole 0216005-1 Cat. 3
  - AMP 6-pole 1116603-1 toolless Cat. 3
  - AMP 8-pole 1375117-1 Class E shielded
  - AMP 8-pole 0188650-5 Cat. 5e PiMF shielded
  - AMP 8-pole 0338038-1 Cat. 5e FTP shielded
  - AMP 8-pole 1116604-1 toolless Cat. 5e unshielded
  - AMP 8-pole 1116605-1 toolless Class E unshielded
  - AMP 8-pole 1339015-1 toolless Cat. 5e shielded
  - AMP 8-pole 1375055-1 SL Cat. 6 unshielded
  - AMP 8-pole 1375188-1 SL Cat. 6 shielded
  - Radiall RJ 12 Type 6P 6C Cat. 3, unshielded
  - Radiall R 280 Mod. 804 RJ 12 Cat. 3, unshielded
  - Radiall R 280 Mod. 805 RJ 45 Cat. 4, unshielded
  - Radiall R 280 Mod. 807 RJ 45 Cat. 5, unshielded
- Suitable for cover plate 0662 .., 0663 ..**  
**Pin jacks for Modular Jack 0044 00, 0045 00 → Page 292.**

	Pin jacks for Modular Jack/Western Technology AMP	
---	---	--

6-pole AMP Netherlands Part No. 216000 **0044 00** 5/25 01

8-pole AMP Netherlands Part No. 216005 **0045 00** 5/25 01

For cable cross-sections of 0.12 mm<sup>2</sup> to 0.35 mm<sup>2</sup>.  
**Suitable for data cap 0870 .. in combination with insert 0052 00, 0053 00 → Page 288.**  
**Suitable for cover plate 0662 .., 0663 .. in combination with support ring 0191 00 → Page 292.**

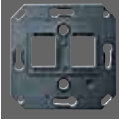
Order no.	Packing unit	PS
	Support ring Modular Jack/Western Technology for holding pin jacks Radiall	

**1121 00** 5 01

for screw attachment only.

Suitable for:


- MOD 6-pole, MOD 8-pole
  - MOD/MOD 6-pole, MOD/MOD 8-pole
  - MOD/MOD 6-en 8-pole Radiall
- Suitable for cover plate 0662 .., 0663 ..**

	Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack AMP	
<b>0192 00</b>	5	01

For screw attachment only.

Suitable for:

- AMP 8-pole 555 235-1 Cat. 3, unshielded
  - AMP 6-pole 1116603-1 toolless Cat. 3
  - AMP 8-pole 1116515-1 Cat. 5e shielded, **0043 00**
  - AMP 8-pole 1375117-1 Class E shielded
  - AMP 8-pole 0188650-5 Cat. 5e PiMF shielded
  - AMP 8-pole 0338038-1 Cat. 5e FTP shielded
  - AMP 8-pole 1116604-1 toolless Cat. 5e unshielded
  - AMP 8-pole 1116605-1 toolless Class E unshielded
  - AMP 8-pole 1339015-1 toolless Cat. 5e shielded
  - AMP 8-pole 1375055-1 SL Cat. 6 unshielded
  - AMP 8-pole 1375188-1 SL Cat. 6 shielded
  - Kannegieter BICC Brand Rex Snap-In-Jacks RJ 45
  - AMP 8-pole 188 650-1 Cat. 5, shielded, EMT
  - AMP 8-pole 188,650-4 Cat. 5, shielded, EMT
  - AMP 8-pole 338 038-3 Cat. 5, EMT 110 PIMF cable
  - AMP 8-pole 188 650-3 Cat. 5, shielded
  - AMP 8-pole 186 605-1 Cat. 5, unshielded toolless
  - AMP MT-RJ beam waveguide Duplex
- Suitable for cover plate 0662 .., 0663 ..**  
**Pin jack for Modular Jack 0043 00 → Page 292.**

	Pin jack for Modular Jack/Western Technology AMP shielded, Cat. 5	
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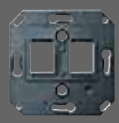
AMP 8-pole Part No. 1116515 **0043 00** 5 01

For cable cross-sections AWG 22 to 24.  
**Suitable for data cap 0870 .. in combination with insert 0039 00 → Page 288.**  
**Suitable for cover plate 0662 .., 0663 .. in combination with support ring 0192 00 → Page 292.**

	Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack Lucent (AT + T)	
<b>0194 00</b>	5	01

For screw attachment only.

For 2 x AT + T M 11 B/C or for 2 x AT + T T 568 B.  
**Suitable for cover plate 0662 .., 0663 ..**

Order no.	Packing unit	PS
	Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack Krone	
<b>0193 00</b>	5	01

For screw attachment only.

Suitable for:

Krone RJ 45 pin jack T568A/B (6540 1 100-..) Cat. 5, unshielded

Krone RJ 45 pin jack T568A/B (6540 1 154-..) Cat. 5, shielded

**Suitable for cover plate 0662 .., 0663 ...**

	Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack Alcatel	
<b>0196 00</b>	1	01

For screw attachment only.

Suitable for Alcatel Epsilon connector:

ACS-410.010 Cat. 5 UTP ACS-410.020 Cat. 5 FTP

ACS-410.030 Cat. 5 STP ACS-420.010 Class E UTP

ACS-420.020 Class E FTP ACS-430.030 Class E STP

**Suitable for cover plate 0662 .., 0663 ...**

	Support ring Modular Jack/Western Technology for holding pin jacks Modular Jack ITT Canon and Panduit	
<b>0197 00</b>	5	01

For screw attachment only.

Suitable for:

ITT Canon: MK2 808, MK3

and all other jacks of this product line.

Panduit: Jacks of the MINI-COM product line such as

CJS 588 Cat. 5 shielded, CJ 588 BL Cat. 5 unshielded

**Suitable for cover plate 0662 .., 0663 ...**


	Support ring Modular Jack/Western Technology for holding pin jacks Modular AVAYA	
<b>0198 00</b>	5	01

For screw attachment only. Only for installation in parapet ducts, therefore no wallpaper compensation.

Suitable for AVAYA MPS100E-246

Suitable for Reichle de Massari RJ 45 Cat. 6 with Adapter No. 1

**Suitable for System 55 cover plate 0663 .. → Page 37.**

Order no.	Packing unit	PS
	D-Sub connector (Min-D)	
9-pole pin jack strip	<b>0021 00</b>	5/25 01
15-pole pin jack strip	<b>0022 00</b>	5 01
25-pole pin jack strip	<b>0023 00</b>	5 01


With a mounting plate and locking pins for screw stopper M 3. For example, for **V 24 (RS 232)** interface.

Connections: Soldering sleeves (0.6 mm<sup>2</sup> maximum).


Contacts: Nickel, gold-plated.

**Suitable for cover plate 0278 ...**

**Suitable for data cap 0870 .. in combination with insert 0050 00 → Page 289.**

	BNC installation pin jack for crimping for data -processing technology cable 6 to 6.15 mm Ø	
75 Ω	<b>0025 00</b>	5 01


**Suitable for cover plate 0277 ...**

	BNC special plug for crimping for data -systems technology with gold-plated internal conductor	
75 Ω	<b>0026 00</b>	5 01


**Suitable for cover plate 0277 ...**

Order no.	Packing unit	PS
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TV / Multimedia


	Antenna socket (EDU 04 F)	0046 00	1/5	01
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Can be used as single pin jack. Connection attenuation 5 dB. For use in separate antenna systems and for jointly-used antenna systems, BK and satellite house distribution systems on de-coupled stub cables. The entire signal spectrum from 4 to 2400 MHz is available on both connections. Via the TV connection, the DC voltage transfer (max. 24 V DC/500 mA) to a satellite antenna is possible.  
**Suitable for cover plate 0869 ...**


	Antenna socket (GEDU 10)	0041 00	1/5	01
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Terminating resistor R 77 <sup>1)</sup>	0040 00	5/25	01
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Can be used as a routing and terminal pin jack. Connection attenuation 10 dB, transmission loss 2.5 dB. For use in jointly-used antenna systems at the end of a side circuit with several pin jacks. Suitable for terrestrial reception, BK and satellite-reception systems. The entire signal spectrum from 4 to 2400 MHz is available on both connections. Usable as a terminal socket outlet with terminal resistance R 77.  
<sup>1)</sup>For reflection-free termination of a side circuit, to be plugged into the last antenna socket outlet.  
**Suitable for cover plate 0869 ...**

	Antenna socket (GEDU 15)	0042 00	1/5	01
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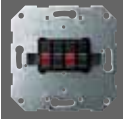
Can be used as a routing socket jack. Connection attenuation 15 dB, transmission loss 1.0 dB. For use in jointly-used antenna systems with several pin jacks (tree structure). Suitable for terrestrial reception, BK and satellite-reception systems. The entire signal spectrum from 4 to 2400 MHz is available on both connections.  
**Suitable for cover plate 0869 ...**

	Antenna socket (FS 302 F)	0937 00	1/5	01
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With 3 connections usable as terminal socket outlet. Connection attenuation 1.5 - 2 dB. For use in individual antenna systems, behind a multi-switch or on a de-coupled stub wire. The connection for the satellite receiver is implemented as an F pin jack. DC voltage transmission is also possible via this receiver (max. 24 V DC/500 mA) to a satellite antenna.  
**Suitable for cover plate 0869 ...**


Order no.	Packing unit	PS
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Acoustics

	Stereo loudspeaker connection box „speaker terminal“	1109 10	1/5	03
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For connection of loudspeaker cables up to a maximum of 6 mm<sup>2</sup>. Connection on front:  
 · Quick mounting with screwless connection terminals  
 · Poling with coloured markings  
 Wall connection:  
 · Connection with screw terminals  
 · Flexible and rigid conductors possible  
 · Large clamping chamber for securing wires  
 · Pole marking on wall side


**Suitable for cover plate 0276 .., 0876 ..**

	Insert with high-end loudspeaker connectors WBT (+/-)	0091 00	5	01
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For the professional connection of loudspeaker lines up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.  
**Not suitable in combination with water-protected surface-mounted system.**  
 Material: OFC copper, 24-carat gold plated  
 Contact resistance: ≤ 0.1 mΩ with terminal attachment  
 ≤ 0.15 mΩ with attachment via standard banana plug

**Fits data cap 0870 ...**




	BNC installation pin jack for crimping for data -processing technology cable 6 to 6.15 mm Ø	0025 00	5	01
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**Suitable for cover plate 0277 ...**

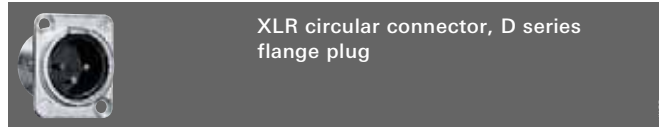
	BNC special plug for crimping for data -systems technology with gold-plated internal conductor	0026 00	5	01
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**Suitable for cover plate 0277 ...**

	XLR circular connector, D series flange pin jack	0036 00	5/25	01
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Flange pin jack 3-pole D series  
 With soldering terminals up to max. 2.5 mm<sup>2</sup>. Same constructional design.  
**Suitable for data cap 0870 .. in combination with insert 0055 00 → Page 289.**  
**Suitable for cover plate System 55, 0265 .. → Page 39.**

	Order no.	Packing unit	PS
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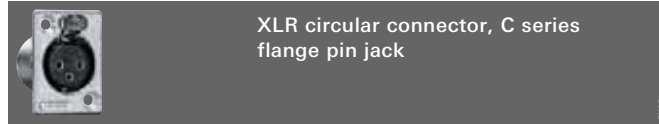


Flange plug 3-pole D series	<b>0037 00</b>	5	01
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With soldering terminals up to max. 2.5 mm<sup>2</sup>. Same constructional design.

**Suitable for data cap 0870 .. in combination with insert 0055 00 → Page 289.**

**Suitable for cover plate System 55, 0265 .. → Page 39.**

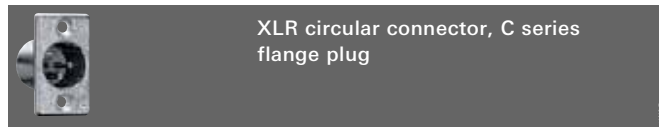


Flange pin jack 3-pole C series	<b>0436 00</b>	5	01
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With soldering terminals up to max. 2.5 mm<sup>2</sup>.

**Suitable for data cap 0870 .. in combination with insert 0092 00 → Page 289.**

**Suitable for cover plate S-Color System 0265 .. → Page 148.**



Flange plug 3-pole C series	<b>0437 00</b>	5	01
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With soldering terminals up to max. 2.5 mm<sup>2</sup>.

**Suitable for data cap 0870 .. in combination with insert 0092 00 → Page 289.**

**Suitable for cover plate S-Color System 0265 .. → Page 148.**

It's part of the convenience of a modern house when music or radio stations can be heard throughout the building via a music system, and operating units are located in the various rooms with which the sounds can be controlled.

With the Gira KNX/EIB audio system and the operating units for the Revox multiroom system, Gira offers two different solutions.

## Products

### Gira EIB Audio System

The Gira EIB audio system is an extension for the Instabus KNX/EIB system. It independently controls the sound from existing audio sources, e.g. a hi-fi system, in every room.

### Gira operating units for Revox multiroom system

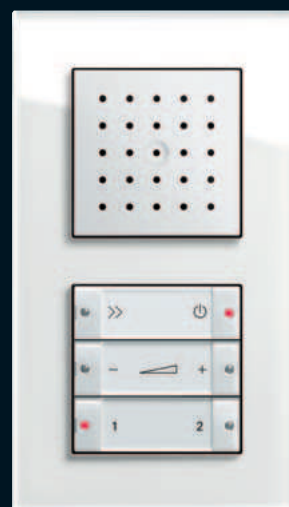
The Revox music system distributes music throughout the building. The sound can be varied in every room with the Gira operating units.

### Gira flush-mounted radio

The Gira flush-mounted radio is a radio for space saving installation in the wall.



1



2



KNX/EIB Audio System	298
Revox multiroom system	302
Flush-mounted radio	305

Instabus IR transformer  
Gira Esprit, white glass



1  
Gira regulating unit  
M217/M218  
Revox multiroom system,  
Gira Esprit, white glass

2  
Flush-mounted radio,  
Gira Esprit, white glass

3  
Instabus push button sensor 2,  
4-gang for operating the  
KNX/EIB audio system,  
Gira Esprit, white glass



3

The Instabus KNX/EIB system can be expanded to a multi-room audio system with the Gira KNX/EIB audio system. As a result, it is possible to select a music sound source and change the sound and volume in any room – and all that independently of the other rooms. Portable sound sources can also be used as a source.

Operation is carried out with Gira push button sensors. Control via the Gira HomeServer 3 or other Instabus operating elements is also possible.

Additional functions, like moving forward or back through CD tracks or selecting radio stations, can be carried out with the Gira IR transformer. The transformer is located in the same room as the hi-fi system and relays the commands from the push button sensor in another room to the system via a taught-in infrared signal.

## Advantages

### Gira EIB Audio System

Up to 8 audio sources, e.g. tuner, CD player and MP3 player, can be connected to the preamplifier 8 times.

Independent supply of sound from four different zones via audio actuator

Connection option for a microphone allows announcements in any zone

Easy control of the hi-fi components with the Gira push button sensor 2 and the Gira Instabus IR transformer

Instabus audio actuator, 4-gang



2



3

1  
Instabus, push button sensor 2, 3-gang,  
Gira E22 Stainless Steel

2  
Instabus IR transformer,  
Gira E22 Stainless Steel

# Gira audio systems

## KNX/EIB audio system

### Gira audio systems

#### KNX/EIB Audio System

Preamplifier, 8-gang	300
Audio actuator, 4-gang	300
Output amplifier 10/4 DC	301
Flush-mounted built-in loudspeaker	301
Power supply	301
IR transformer	301

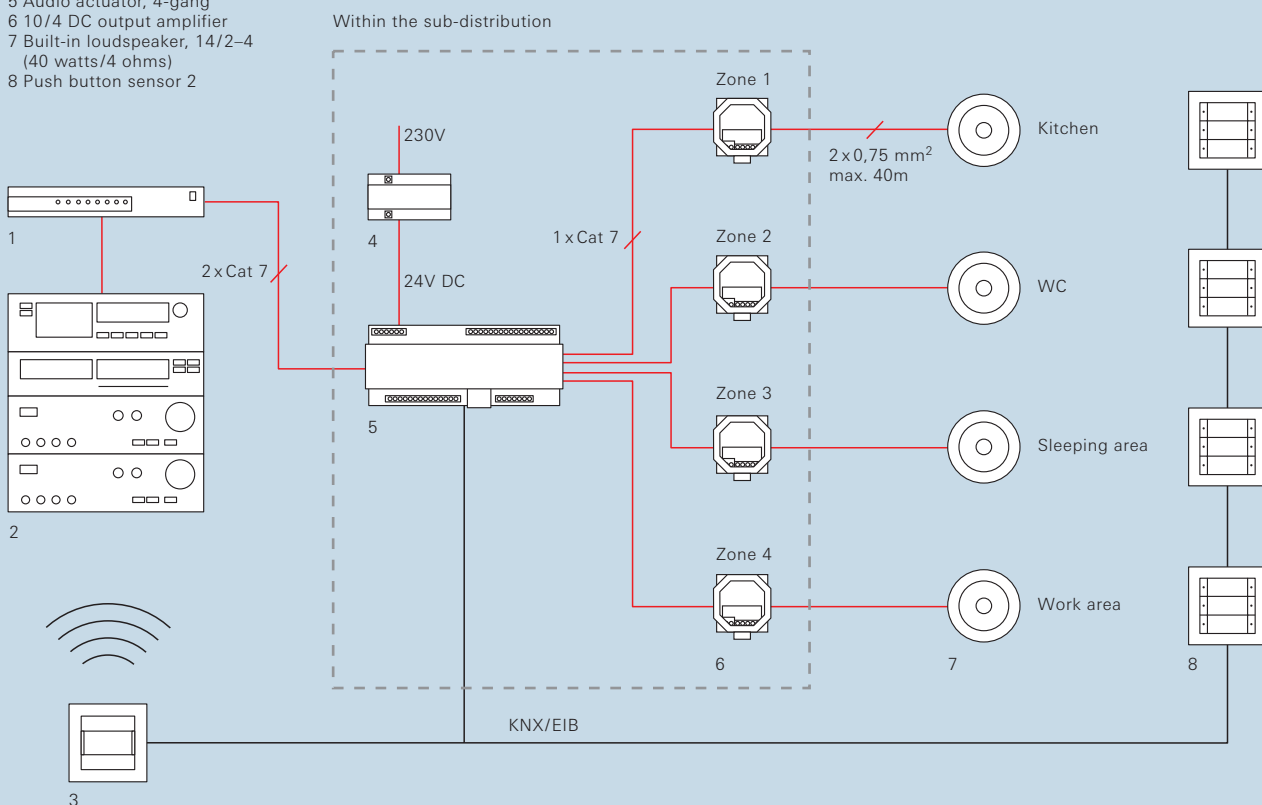
Current consumption of audio actuator:  
0.2 A  
Current consumption of output amplifier: 0.8 A  
(with 4 ohm loudspeakers connected [impedance])

In our example we have an audio actuator and four rooms (mono) with one output amplifier and one built-in speaker (4 ohms) each.

This results in the following calculation:  
1 x audio actuator = 0.2 A plus  
4 x output amplifiers = 4 x 0.8 A = 3.2 A  
makes a total of 3.4 A  
for the total current consumption of the system.  
That means in this system the 24V DC power supply unit with 5 A must be used.

When using other loudspeakers, e.g. with an impedance of 8 ohms, the total impedance for the output amplifier may not drop below a value of 4 ohms.  
This results in the maximum connectable number of loudspeakers on a 10/4 DC final output amplifier.

- 1 Preamplifier, 8-gang
- 2 Stereo system (up to 8 sources)
- 3 IR transformer
- 4 24V DC/5 A power supply unit
- 5 Audio actuator, 4-gang
- 6 10/4 DC output amplifier
- 7 Built-in loudspeaker, 14/2-4 (40 watts/4 ohms)
- 8 Push button sensor 2



Order no.	Packing unit	PS
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**Instabus KNX/EIB Audio System**



Instabus KNX/EIB audio system preamplifier, 8-gang

<b>0530 00</b>	1	06
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The 8-gang preamplifier is used to connect up to 8 audio sources, e.g. tuner, CD player, MP3 player etc. The input signal is amplified, making it resistant to interference. The outputs of the preamplifier are connected to the inputs of the 4-gang audio actuator **0531 00**.

An output can also be switched over to a microphone input with a slider switch on the back. As a result announcements can easily be made.

A 24 V power supply unit is included in scope of supply.

Operating voltage: 22 to 26 V DC

Power consumption: max. 4 W

Input voltage: Line: 400 mV AC

Mic: 4 mV AC

Control range: approx. 60 dB

Input impedance: Line: 47 KΩ

Mic: 4.7 KΩ

Output voltage: AC 5 V

Output impedance: 50 Ω

Frequency range (-1.5 dB): Line: 30 Hz to 20000 Hz

Mic: 30 Hz to 16000 Hz

Total harmonic distortion: < 0,1 %

Dimensions: L x W x D 430 x 103 x 290 mm

**Instabus audio actuator, 4-gang 0531 00 → Page 300.**



Instabus KNX/EIB audio system audio actuator, 4-gang

DRA	<b>0531 00</b>	1	06
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With the 4-gang audio actuator, the individual sound sources can be selected, or the sound and volume can be changed individually with the Instabus EIB. The audio actuator is mounted on a top-hat rail. It offers 4 independent outputs to which several output amplifiers can be connected. The audio actuator can supply up to four rooms with sound independently. A mute input enables the simultaneous muting of all audio outputs.

If more than 4 mono or 2 stereo zones are required, several audio actuators can be cascaded. The other audio actuators are interconnected with the connection cable **0537 00**.

The audio actuator requires a power supply unit **0535 00** or **0536 00** for operation.

Operating functions:

- Amplifier On/Off,
- Volume,
- Selection of source,
- Mandatory/zone call,
- Sound control: Bass, mid-range, treble, mandatory call and zone call

Operating voltage: 22 to 26 V DC

Current consumption: 0.2 A

Audio inputs: 8 mono or 4 stereo

Input voltage: 5 V AC/0.7 V AC (0 dB)

Input impedance: 100 kΩ

Audio outputs: 4 mono or 2 stereo

Output voltage: 5 V AC/0.7 V AC (0 dB)

Output impedance: 47 Ω

Switching output: 4 x 24 V DC, max 10 A

Frequency response: Line: 30 Hz to 20000 Hz

Mic: 30 Hz to 16000 Hz

Total harmonic distortion: < 0,1 %

Temperature range: +5 °C to +45 °C

Dimensions: L x W x D 208 x 88 x 60 mm

DRA device with approx. 12 depth

modules

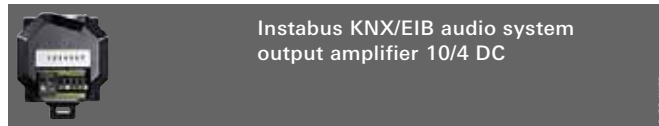
**Power supply unit, 24 V DC/5 A 0535 00 → Page 301.**

**Power supply unit, 24 V DC/10 A 0536 00 → Page 301.**

**Preamplifier, 8-gang 0530 00 → Page 300.**

**Connection cable 0537 00 → Page 301.**

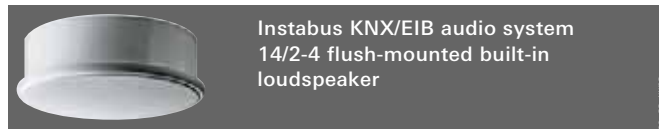
Order no.	Packing unit	PS
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DRA	<b>0532 00</b>	1	06
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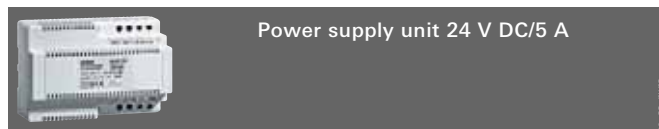
Output amplifier with 10 watt output power for installation on a top-hat rail. The operating voltage is provided by the audio actuator.  
 operating voltage: 22 to 26 V DC  
 Output power: 10 W/4 Ω  
 Input voltage: 5 V AC/0.7 V AC  
 Input impedance: 47 kΩ  
 Frequency response: 45 Hz to 20000 Hz  
 Current consumption: 0.77 A  
 Connection: 7-pole connector strip, removable  
 Dimensions: L x W x D 63 x 54 x 55 mm  
 DRA device with approx. 3 depth modules

Instabus audio actuator, 4-gang 0531 00 → Page 300.



	<b>0533 00</b>	1	06
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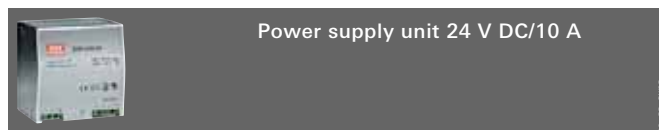
2-way loudspeaker for optimum speech and music reproduction.  
 Nominal/music loadability: 40/50 W  
 Impedance: 4 Ω  
 Sound pressure level: 89 dB at 1 W/1 m  
 Transmission range: 100 to 20000 Hz  
 Ceiling cut-out: Ø180 mm



DRA	<b>0535 00</b>	1	06
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Stabilised and short-circuit-proof switched mode power supply for installation on a top-hat rail.  
 Voltage/max. current: 24 V DC/5 A  
 Dimensions: L x W x D 140 x 93 x 67 mm

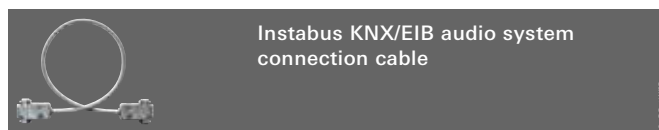
Instabus audio actuator, 4-gang 0531 00 → Page 300.



	<b>0536 00</b>	1	06
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Stabilised and short-circuit-proof switched mode power supply for installation on a top-hat rail.  
 Voltage/max. current: 24 V DC/10 A  
 Dimensions: L x W x D 120 x 124 x 102 mm

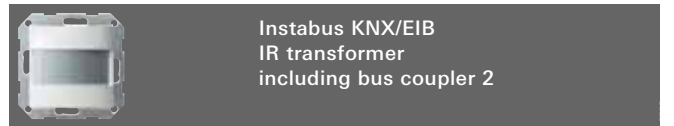
Instabus audio actuator, 4-gang 0531 00 → Page 300.



	<b>0537 00</b>	1	06
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9-pole connection cable for interconnecting other audio actuators 053100 (approx. 50 cm in length).  
 Instabus audio actuator, 4-gang 0531 00 → Page 300.

Order no.	Packing unit	PS
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<b>System 55</b>			
cream white glossy	<b>0588 01</b>	1	06
pure white glossy	<b>0588 03</b>	1	06
pure white matt	<b>0588 27</b>	1	06
anthracite	<b>0588 28</b>	1	06
colour aluminium	<b>0588 26</b>	1	06
<b>E22</b>			
Stainless Steel (lacquered)	<b>0588 20</b>	1	06
Aluminium (lacquered)	<b>0588 203</b>	1	06
pure white glossy	<b>0588 03</b>	1	06
<b>F100</b>			
cream white glossy	<b>0588 111</b>	1	06
pure white glossy	<b>0588 112</b>	1	06

The Instabus IR transformer is used to transmit and receive IR signals. The IR signals are converted into corresponding EIB telegrams or EIB telegrams into corresponding IR signals. This enables the control of different devices (e.g. hifi, video, TV etc.) equipped with an IR receiver which operates in the frequency range from 20 - 70 kHz and supports the RC5 code.

- Transmits and receives IR signals
- Transmits and receives EIB signals
- Switch commands (ON/OFF) and data values can be transferred
- Integrated learn mode, i.e. compatible with almost all the IR remote controls
- How often the signal is transmitted repeatedly when pressed once can be set for each IR control signal
- The time span between the repetitions can be set
- Reset function for all taught-in IR control signals
- The frequency 455 kHz (e.g. Bang & Olufsen) will be supported

**Scope of supply incl. bus coupler 2.**

IR range:	approx. 10 m
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20

In cooperation with Revox, Gira offers the M217 display unit and the M218 operating unit.

Using these control devices, the Revox multiroom system can easily be operated from any room and a uniform appearance that matches the remaining electrical installation is guaranteed.

More information on the Revox multiroom system is available at [www.revox.de](http://www.revox.de)

#### Advantages

The Gira operating units for the Revox multiroom system fit individually or in combination in the frames of the Gira Standard 55, E2, Event, Esprit and E22 switch ranges, and with an intermediately plate also in the new F100 and the TX\_44

The Revox multiroom system can also be connected to the Gira HomeServer 3. This enables it to be networked with the Instabus KNX/EIB system, and like this to be controlled with a PC, mobile phone or PDA

#### Design awards

Plus X Award 2006



1



2

1  
M218 Operating unit,  
Gira E22 Aluminium

2  
M217/M218 Regulating unit,  
Gira E22 Aluminium

# Gira audio systems

## Revox multiroom system

The Revox multiroom system ensures perfect sound quality all around the house. Up to 32 rooms can be supplied with music via the Revox M51 central unit. In the process it's possible to define four different listening zones of up to eight rooms each. Each listening zone can access its own music.

### Gira audio systems

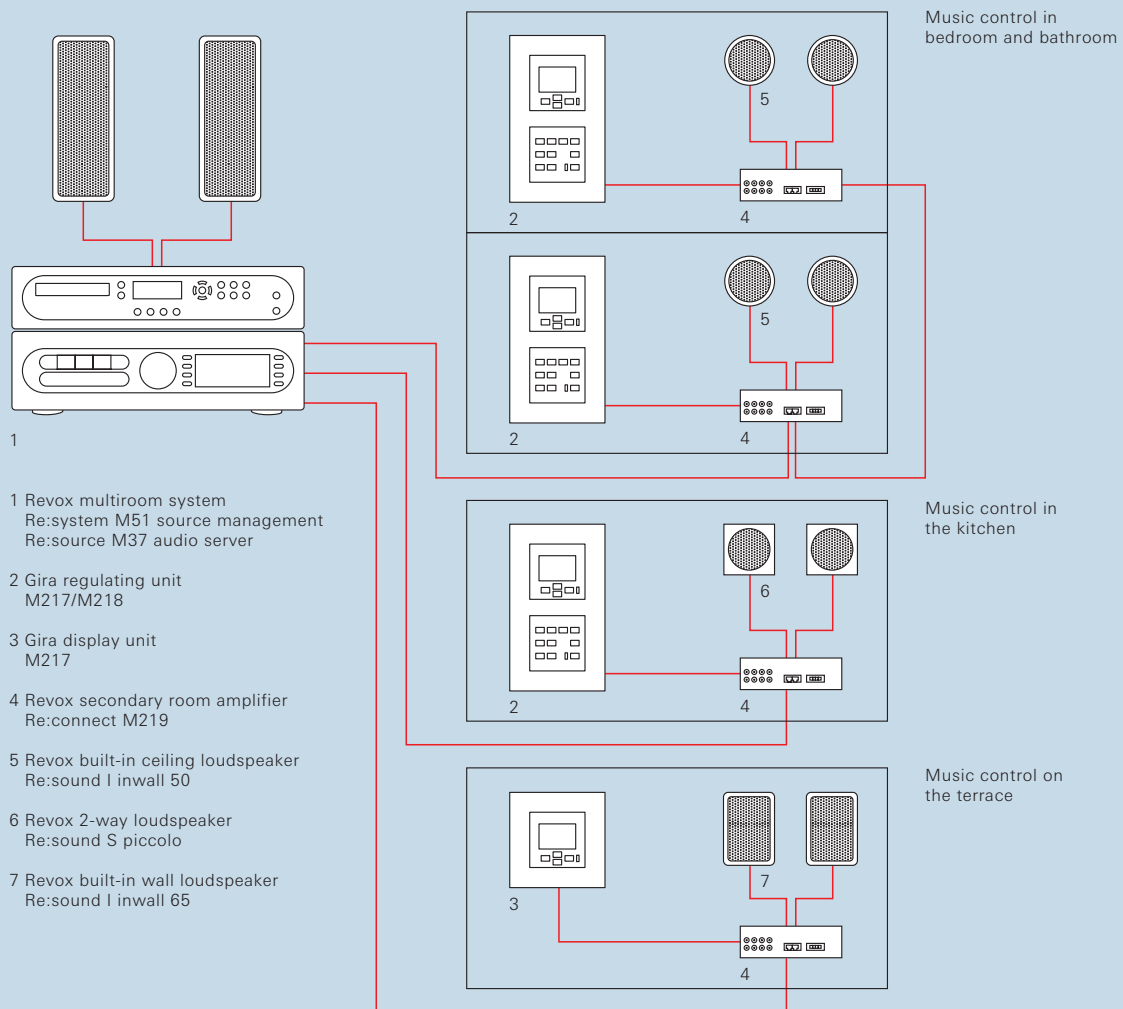
#### Operating units

##### Revox multiroom system

Display unit M217	304
Operating unit M218	304
Regulating unit M217/M218	304

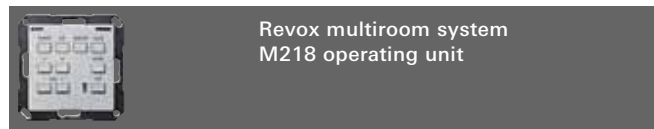
#### Suitable switch ranges

Standard 55	46
E2	54
Event	60
Esprit	68
E 22	74
Edelstahl	
Serie 20, Serie 21	106
Flächenschalter	108
Profil 55	154
TX_44	164



Order no.	Packing unit	PS
-----------	--------------	----

**Revox multiroom system**



Revox multiroom system  
M218 operating unit

<b>System 55</b>			
cream white glossy	<b>0538 01</b>	1	06
pure white glossy	<b>0538 03</b>	1	06
pure white matt	<b>0538 27</b>	1	06
anthracite	<b>0538 28</b>	1	06
colour aluminium	<b>0538 26</b>	1	06

<b>E22</b>			
Stainless Steel	<b>0538 20</b>	1	06
Aluminium	<b>0538 203</b>	1	06
pure white glossy	<b>0538 03</b>	1	06

With the M218 operating unit, the Revox multiroom system can be activated with a single press of a button – including volume control and station checking. The M218 operating unit is easily integrated in a flush-mounted box as a control unit. Ideally, the M218 operating unit and the M217 display unit are combined to enable even better, logical operation of the Revox multiroom system.

Current consumption: 17 mA  
Cable length: max. 30 m to M217 display unit, max. 100 m to Revox M51 multiroom system, Revox M219 secondary room amplifier

Parallel operation: connect a max. of 5 M218 operating units in parallel

Temperature range: -5 °C to +45 °C  
Protection type: IP 20

**M217 display unit 0539 .. → Page 304.**  
**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



Revox multiroom system  
M217 display unit

<b>System 55</b>			
cream white glossy	<b>0539 01</b>	1	06
pure white glossy	<b>0539 03</b>	1	06
pure white matt	<b>0539 27</b>	1	06
anthracite	<b>0539 28</b>	1	06
colour aluminium	<b>0539 26</b>	1	06

<b>E22</b>			
Stainless Steel	<b>0539 20</b>	1	06
Aluminium	<b>0539 203</b>	1	06
pure white glossy	<b>0539 03</b>	1	06

Information on the source of the Revox multiroom system currently played is shown on the M217 display unit. The artist and the track are also shown when the Revox Audio Server is accessed.

Up to 4 timer functions can be programmed in each room via the display. Ideally, the M217 display unit and the M218 operating unit are combined to enable even better, logical operation of the Revox multiroom system.

Current consumption: 30 to 50 mA at Revox M51  
50 to 100 mA at Revox M219  
Cable length: max. 30 m to M218 operating unit, max. 100 m to Revox M51 multiroom system, Revox M219 secondary room amplifier

Temperature range: -5 °C to +45 °C  
Protection type: IP 20

**M218 operating unit 0538 .. → Page 304.**  
**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

Order no.	Packing unit	PS
-----------	--------------	----

**Revox multiroom system  
M217/M218 regulating unit**



<b>System 55</b>			
cream white glossy	<b>0540 01</b>	1	06
pure white glossy	<b>0540 03</b>	1	06
pure white matt	<b>0540 27</b>	1	06
anthracite	<b>0540 28</b>	1	06
colour aluminium	<b>0540 26</b>	1	06

<b>E22</b>			
Stainless Steel	<b>0540 20</b>	1	06
Aluminium	<b>0540 203</b>	1	06
pure white glossy	<b>0540 03</b>	1	06

The regulating unit consists of the M218 operating unit and the M217 display unit. The Revox multiroom system can be optimally operated with these two units. The two units are simply integrated in flush-mounted boxes. In addition to the volume and station selection, up to 4 timer functions can also be programmed in each room via the display. Cable length: max. of 100 m to the Revox M51 multiroom system

Temperature range: -5 °C to +45 °C  
Protection type: IP 20

**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



# Gira audio systems

## Gira flush-mounted radio, acoustics

The Gira flush-mounted radio is a radio for installation in the wall. That means there's space for it even in the smallest area, it doesn't get in the way and it keeps your workspace clear.

The Gira acoustic inserts and covers offer connection options for most loudspeaker and audio plug connections to match the design of the switch ranges.

### Advantages

**of flush-mounted radio**  
 installation in two normal flush-mounted device boxes (recommendation: use deep flush-mounted wall boxes)

simple operation with 6 buttons, station search, 2 station memories, status display via LEDs, sleep mode, auto store function, storage of all settings

auxiliary operation possible:  
 1x auxiliary input, 230 V,  
 1x zero-voltage auxiliary input

### Supply voltage

AC 230 V

### Areas of application

kitchen, bath/WC, hobby room, bedroom, nursery

### Frequency range

87.50 to 108.00 MHz



1



2

### Gira audio systems

#### Gira flush-mounted radio, acoustics

Flush-mounted radio	306
Acoustics	307

#### Suitable switch ranges

Standard 55	46
E2	54
Event	60
Esprit	68
Profile 55	154
F100	108
E 22	74
Stainless Steel	
Series 20, Series 21	106
TX_44	164

1  
 High-end loudspeaker plug  
 connector WBT  
 Gira E2, anthracite

2  
 Stereo speaker  
 connection box  
 Gira E2, anthracite

3  
 Flush-mounted radio  
 Gira F100,  
 pure white glossy



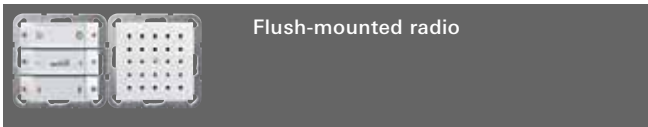
3

Order no.	Packing unit	PS
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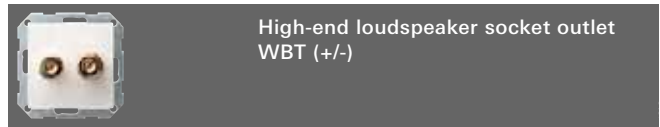
Order no.	Packing unit	PS
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**Flush-mounted radio**

**Acoustics**



Flush-mounted radio



High-end loudspeaker socket outlet WBT (+/-)

**System 55 transparent white**

cream white glossy	<b>0315 101</b>	1	03
pure white glossy	<b>0315 103</b>	1	03
pure white matt	<b>0315 127</b>	1	03
anthracite	<b>0315 128</b>	1	03
colour aluminium	<b>0315 126</b>	1	03

**System 55**

cream white glossy	<b>0407 01</b>	1/5	01
pure white glossy	<b>0407 03</b>	1/5	01
pure white matt	<b>0407 27</b>	1/5	01
anthracite	<b>0407 28</b>	1/5	11
colour aluminium	<b>0407 26</b>	1/5	11

**transparent white, complete with cover frame E2 pure white glossy**

pure white glossy	<b>0495 75</b>	1	03
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**F100**

cream white glossy	<b>0407 111</b>	1/5	01
pure white glossy	<b>0407 112</b>	1/5	01

**E22**

Stainless Steel	<b>0315 20</b>	1	03
Aluminium	<b>0315 203</b>	1	03
pure white glossy	<b>0315 103</b>	1	03

For the professional connection of loudspeaker cables up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.  
 Material: OFC copper, 24-carat gold plated  
 Contact resistance: ≤ 0.1 mΩ with terminal attachment  
 ≤ 0.15 mΩ with attachment via standard banana plug

**F100**

cream white glossy	<b>0315 111</b>	1	03
pure white glossy	<b>0315 112</b>	1	03

FM radio for flush-mounted installation, consisting of two flush-mounted inserts, an operating top unit and a loudspeaker top unit. The flush-mounted radio is installed in two flush-mounted device boxes (we recommend deep boxes) or, for hollow-wall installation, in a 2-gang device box. Only for screw attachment.



Chinch socket outlet

The operating element controls the following functions:

- On/Off.
- Station search.
- Loud/quiet.
- Station memory 1/2.

**System 55**

cream white glossy	<b>0403 01</b>	1/5	01
pure white glossy	<b>0403 03</b>	1/5	01
pure white matt	<b>0403 27</b>	1/5	01
anthracite	<b>0403 28</b>	1/5	11
colour aluminium	<b>0403 26</b>	1/5	11

The device has two auxiliary inputs:

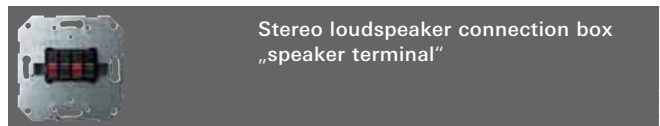
- For example, the radio can be switched on with the 230 V auxiliary input with a light switch or automatic control switch.
- The flush-mounted radio can be switched on/off using any zero-voltage NO contact via the zero-voltage auxiliary input. If a time clock is connected to the auxiliary input, the flush-mounted radio can also be used as a radio alarm clock.

For line diameter up to 10 mm<sup>2</sup>, use insert for high-end loudspeaker plug (WBT) **0091 00** and data cap **0870 ..** or cover plate for loudspeaker plug (WBT) **0407 ..**

Status LED for On/Off, Station search, Memory 1, Memory 2.

In the sleep mode, the device automatically switches off 30 minutes after being switched on.

Note: Reception interference can result in combination with additional electronic devices under a common cover plate.



Stereo loudspeaker connection box „speaker terminal“

Power supply:	AC 230 V
Connection:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Temperature range:	0 °C to +50 °C
Protection type:	IP 20
Frequency range:	87.50 to 108.00 MHz

<b>1109 10</b>	1/5	03
----------------	-----	----

For connection of loudspeaker cables up to a maximum of 6 mm<sup>2</sup>.

Connection on front:

- Quick mounting with screwless connection terminals
- Poling with coloured markings


Wall connection:

- Connection with screw terminals
- Flexible and rigid conductors possible
- Large clamping chamber for securing wires
- Pole marking on wall side

**For integration in Stainless Steel Series 20, Series 21: Intermediate plate 55 x 55 mm 0289 20 → Page 97.**



**Suitable for cover plate 0276 .., 0876 ..**

Order no.	Packing unit	PS
	Insert with high-end loudspeaker connectors WBT (+/-)	
0091 00	5	01


For the professional connection of loudspeaker lines up to max. 10 mm<sup>2</sup> via sub-terminals via screwed nuts or via 4 mm banana plugs.

**Not suitable in combination with water-protected surface-mounted system.**

Material: OFC copper, 24-carat gold plated  
 Contact resistance: ≤ 0.1 mΩ with terminal attachment  
 ≤ 0.15 mΩ with attachment via standard banana plug

Fits data cap 0870 ...




	BNC installation pin jack for crimping for data -processing technology cable 6 to 6.15 mm Ø	
75 Ω	0025 00	5 01

Suitable for cover plate 0277 ...

	BNC special plug for crimping for data -systems technology with gold-plated internal conductor	
75 Ω	0026 00	5 01


Suitable for cover plate 0277 ...

	XLR circular connector, D series flange pin jack	
Flange pin jack 3-pole D series	0036 00	5/25 01

With soldering terminals up to max. 2.5 mm<sup>2</sup>. Same constructional design.

Suitable for data cap 0870 .. in combination with insert 0055 00 → Page 289.


Suitable for cover plate: System 55 0265 .. → Page 39.

	XLR circular connector, D series flange plug	
Flange plug 3-pole D series	0037 00	5 01

With soldering terminals up to max. 2.5 mm<sup>2</sup>. Same constructional design.

Suitable for data cap 0870 .. in combination with insert 0055 00 → Page 289.


Suitable for cover plate: System 55 0265 .. → Page 39.

Order no.	Packing unit	PS
	XLR circular connector, C series flange pin jack	
Flange pin jack 3-pole C series	0436 00	5 01

With soldering terminals up to max. 2.5 mm<sup>2</sup>.

Suitable for data cap 0870 .. in combination with insert 0092 00 → Page 289.

Suitable for cover plate S-Color System 0265 .. → Page 148.

	XLR circular connector, C series flange plug	
Flange plug 3-pole C series	0437 00	5 01

With soldering terminals up to max. 2.5 mm<sup>2</sup>.

Suitable for data cap 0870 .. in combination with insert 0092 00 → Page 289.

Suitable for cover plate S-Color System 0265 .. → Page 148.

The Gira push button sensors are the most compact devices for controlling the Gira Instabus KNX/EIB systems. The Gira push button sensor 2 and the push button sensor 2plus can be integrated in all switch ranges from the Gira System 55, in Gira E22 and via an intermediate plate also in Gira TX\_44.

The push button sensor 2 and push button sensor 2plus are also available for Gira F100.

The product line also includes push button sensors to match the Gira S-Color switch ranges.

**Advantages of Gira push button sensor 2 and push button sensor 2plus**  
large, easy-to-read inscription space, status indication via two LEDs per rocker

only require a single bus connector in all versions up to the 6-gang version

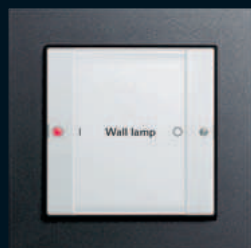
available for System 55 in transparent white

**Gira push button sensor 2plus**  
a push button sensor, light scene push button sensor, room temperature regulator and heating timer combined in a single unit.

**Design**  
Phoenix Design, Stuttgart

**Design awards**  
Push button sensor 2, System 55:  
DESIGN PLUS 2000,  
Light + Building Frankfurt

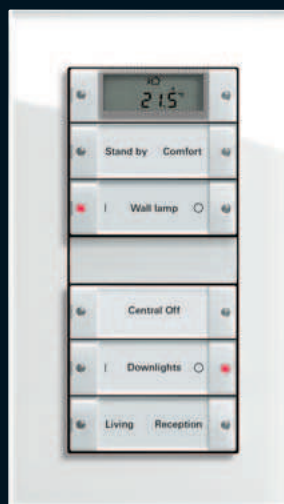
red dot award 2001,  
Design Zentrum NRW



4



5



6

4  
Gira push button sensor 2, 1-gang,  
transparent white  
Gira E2, anthracite

5  
Gira push button sensor 2, 4-gang,  
transparent white  
Gira Event, aluminium/anthracite

6  
Gira push button sensor 2plus, 5-gang,  
transparent white  
Gira Esprit, white glass

7  
Gira push button sensor 2, 4-gang,  
Gira F100, pure white glossy

8  
Gira push button sensor 2plus, 6-gang,  
Gira F100, pure white glossy

9  
Gira push button sensor 2, 3-gang  
Gira E22 Aluminium

10  
Gira push button sensor, 4-gang  
Gira E22 Aluminium

# Gira Instabus KNX/EIB system

## Push button sensors, covers

Gira E22 Aluminium

- 1 Info display 2
- 2 Continuous regulator
- 3 Automatic control switch



1



2



3

### Gira Instabus KNX/EIB system

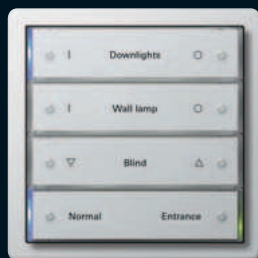
Bus coupler	310
Push button sensor 2	312
Push button sensor 2plus	320
Push button sensor with inscription space	325
Multi-function push button sensor	326
Light scene push button sensor	327
Data interface	327
Continuous regulator	329
Object regulator	330
Automatic control switch	331
Presence detector	334
Info display 2	335
Instabus IR transformer	335

### Interface devices

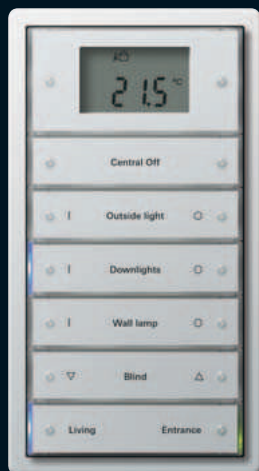
Gira InfoTerminal Touch	338
Gira SmartSensor	339
Gira HomeServer 3	342
Gira FacilityServer	343
Gira/Pro-face	
ServerClient 15	344
Info terminal	345
Gateway	346

### System devices, sensors, actuators, accessories

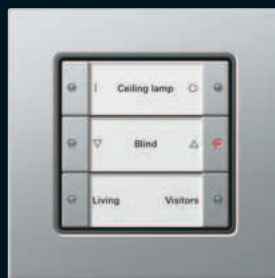
Inserts	350
DRA	354
Installation Sensors	374
Installation Actuators	375
Accessories	377



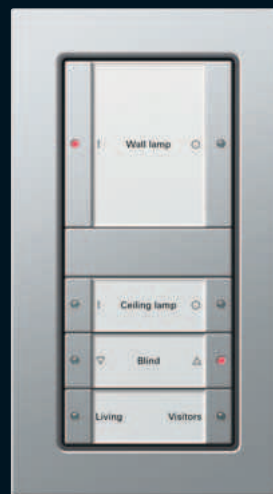
7



8



9

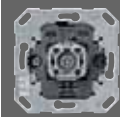


10

Instabus KNX/EIB

Order no.	Packing unit	PS
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Push button-bus coupler




Instabus KNX/EIB push-button bus coupler, 1-gang with single-point operation and status LED

Flush-mounted	<b>0181 00</b>	1/5	06
---------------	----------------	-----	----

**Product family:** Push button  
**Product type:** Push button, 1-gang  
 The push-button bus coupler is the interface between the Instabus and the user.  
 The 1-gang rockers of the flush-mounted switch ranges can be plugged onto the 1-gang push-button bus coupler with single-point operation (slanted rocker) (With TX\_44, IP 20 please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).  
 When using the status LED, please use rockers with control window.  
 The following functions can be realised with the 1-gang push-button bus coupler with single-point operation:  
**Function:** Switching (toggle)  
**LED:** Permanent-on/Permanent-off/status  
 Suitable for claw attachment.  
**Power consumption:** max. 150 mW  
**Connections:** Instabus via connection and branch terminal **0595 00**  
**Temperature range:** -5 °C to +45 °C  
**Protection type:** IP 20

**Instabus connection and branch terminal 0595 00 → Page 377.**  
**Suitable cover plate for System 55, S-Color, E22:**  
**0209 .., 0216 .., 0217 .., 0218 .., 0261 .., 0285 .., 0286 .., 0287 .., 0290 .., 0296 .., 0298 .., 0299 .., 0630 .., 0670 .., 0673 .., 0674 .., 0676 .., 0679 ..**



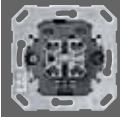
Instabus KNX/EIB push-button bus coupler, 1-gang with two-point operation and status LED

Flush-mounted	<b>0184 00</b>	1/5	06
---------------	----------------	-----	----

**Product family:** Push button  
**Product type:** Push button, 1-gang  
 The push-button bus coupler is the interface between the Instabus and the user.  
 The 1-gang rockers of the flush-mounted switch ranges can be plugged onto the 1-gang push-button bus coupler with two-point operation (vertically positioned rocker) (With TX\_44, IP 20 please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).  
 When using the status LED, please use rockers with control window.  
 The following functions can be realised with the 1-gang push-button bus coupler with two-point operation:  
**Function:** Switching (toggle) blind, dimming with stop telegram, dimming with cyclical transmission  
**LED:** Permanent-on/permanent-off/status, rocker up/status, rocker down/status LED invertible (orientation light)  
 Suitable for claw attachment.  
**Power consumption:** max. 150 mW  
**Connections:** Instabus via connection and branch terminal **0595 00**  
**Temperature range:** -5 °C to +45 °C  
**Protection type:** IP 20

**Instabus connection and branch terminal 0595 00 → Page 377.**  
**Suitable cover plate for System 55, S-Color, E22:**  
**0209 .., 0216 .., 0217 .., 0218 .., 0261 .., 0285 .., 0286 .., 0287 .., 0290 .., 0296 .., 0298 .., 0299 .., 0630 .., 0670 .., 0674 .., 0676 ..**

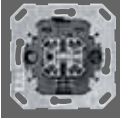
Order no.	Packing unit	PS
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Instabus KNX/EIB push-button bus coupler, 2-gang with single-point operation

Flush-mounted	<b>0182 00</b>	1/5	06
---------------	----------------	-----	----

**Product family:** Push button  
**Product type:** Push button, 2-gang  
 The push-button bus coupler is the interface between the Instabus and the user.  
 The series rockers of the flush-mounted switch ranges can be plugged onto the 2-gang push-button bus coupler with single-point operation (slanted rocker) (With TX\_44, IP 20 please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).  
 The following functions can be realised with the 2-gang push-button bus coupler with single-point operation:  
**Function:** Switching (pressing), blind, dimming with stop telegram, dimming with cyclical transmission  
 Suitable for claw attachment.  
**Power consumption:** max. 150 mW  
**Connections:** Instabus via connection and branch terminal **0595 00**  
**Temperature range:** -5 °C to +45 °C  
**Protection type:** IP 20  
**Instabus connection and branch terminal 0595 00 → Page 377.**  
**Suitable cover plate for System 55, S-Color, E22:**  
**0294 .., 0295 ..**



Instabus KNX/EIB push-button bus coupler, 2-gang with two-point operation

Flush-mounted	<b>0185 00</b>	1/5	06
---------------	----------------	-----	----

**Product family:** Push button  
**Product type:** Push button, 2-gang  
 The push-button bus coupler is the interface between the Instabus and the user.  
 The series rockers of the flush-mounted switch ranges can be plugged onto the 2-gang push-button bus coupler with two-point operation (vertically positioned rocker) (With TX\_44, IP 20 please use intermediate plate **0289 ..** and cover plate from System 55). Integration in F100 **not** possible).  
 The following functions can be realised with the 2-gang push-button bus coupler with two-point operation:  
**Function:** Switching (pressing), blind, dimming with stop telegram, dimming with cyclical transmission  
 Suitable for claw attachment.  
**Power consumption:** max. 150 mW  
**Connections:** Instabus via connection and branch terminal **0595 00**  
**Temperature range:** -5 °C to +45 °C  
**Protection type:** IP 20  
**Instabus connection and branch terminal 0595 00 → Page 377.**  
**Suitable cover plate for System 55, S-Color, E22:**  
**0295 .., 1150 ..**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
-----------	--------------	----

### Bus coupler



Instabus KNX/EIB  
bus coupler

Bus coupler	<b>0570 00</b>	1/5	06
-------------	----------------	-----	----

**Product family:** System devices

**Product type:** Bus coupler

The flush-mounted bus coupler is the interface between the Instabus and the user module, e.g. push button sensor, info display, continuous regulator, data interface etc. The bus coupler can receive, send and evaluate telegrams. It contains the address, the system program and user-specific programs. Release of the programming of the physical address by pressing the programming button.

Status indication by red programming LED.

Only suitable for flush-mounted wall boxes with screw attachment.

Power consumption: max. 150 mW

Connections: Instabus via connection and branch terminal **0595 00**

User module via plug connector 2 x 5-pole

Temperature range: -5 °C to +45 °C

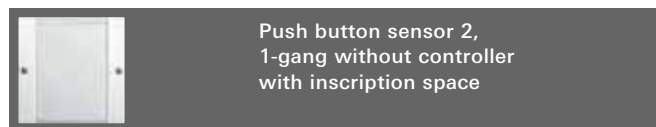
Protection type: IP 20

Dimensions: Installation depth 32 mm

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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### Push button sensor 2, 1-gang without controller



Push button sensor 2,  
1-gang without controller  
with inscription space

System 55	Order no.	Packing unit	PS
transparent white	1011 100	1/5	06
<b>E22</b>			
Stainless steel (lacquered)	1011 20	1/5	06
Aluminium (lacquered)	1011 203	1/5	06
transparent white	1011 100	1/5	06
Bus coupler	0570 00	1/5	06

Neutral inscription labels included.

**Product family:** Push button  
**Product type:** Push button, 1-gang

The push button sensor is attached to a flush-mounted bus coupler. Disassembly safeguard implemented via its being screwed down. The following software variants are to be programmed with ETS 2:

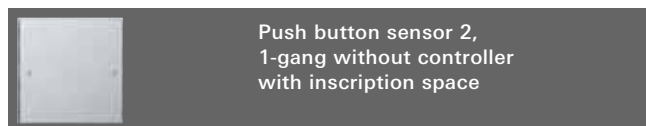
- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- dimming
- Blind and shutter control
- Press functions such as toggling
- Dimming value encoder
- Light scene auxiliary unit with memory function

Back-lit, large-area inscription space (39 x 54 mm). Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C  
Protection type: IP 20  
Connection: 2 x 5-pole plug connector

**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**  
**Inscription sheets 1090 00 → Page 209.**  
**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Push button sensor 2,  
1-gang without controller  
with inscription space

F100	Order no.	Packing unit	PS
cream white glossy	2011 111	1/5	06
pure white glossy	2011 112	1/5	06
Bus coupler	0570 00	1/5	06

Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 1-gang

The push button sensor is attached to a flush-mounted bus coupler. Disassembly safeguard implemented via its being screwed down. The following software variants are to be programmed with ETS 2:

- Switching with status indicator (blue LED)
- Switching with telegram reception confirmation (blue LED)
- dimming
- Blind and shutter control
- Press functions such as toggling
- Dimming value encoder
- Light scene auxiliary unit with memory function

Large-area inscription space (69 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C  
Protection type: IP 20  
Connection: 2 x 5-pole plug connector

**Inscription sheets 2871 .. → Page 209.**  
**Instabus bus coupler 0570 00 → Page 350.**



Order no.	Packing unit	PS
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### Push button sensor 2, 1-gang with controller



Push button sensor 2,  
1-gang with controller  
with inscription space

System 55	Order no.	Packing unit	PS
transparent white	1061 100	1/5	06
E22			
Stainless steel (lacquered)	1061 20	1/5	06
Aluminium (lacquered)	1061 203	1/5	06
transparent white	1061 100	1/5	06
Bus coupler	0570 00	1/5	06

Disassembly safeguard implemented via its being screwed down.  
Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 1-gang

The push button sensor is attached to a flush-mounted bus coupler.  
The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blinds, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 2 buttons or 1 rocker
- Status indication via 2 red LEDs possible
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Back-lit, large-area inscription space (39 x 54 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Inscription sheets 1090 00 → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Push button sensor 2,  
1-gang with controller  
with inscription space

F100	Order no.	Packing unit	PS
cream white glossy	2061 111	1/5	06
pure white glossy	2061 112	1/5	06
Bus coupler	0570 00	1/5	06

Disassembly safeguard implemented via its being screwed down.  
Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 1-gang

The push button sensor is attached to a flush-mounted bus coupler.  
The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 2 buttons or 1 rocker
- Status indication via 2 blue LEDs possible
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Large-area inscription space (69 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

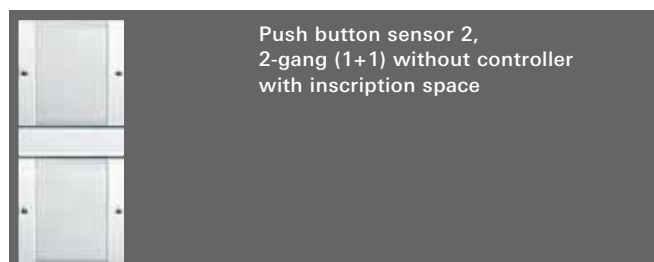
Connection: 2 x 5-pole plug connector

**Inscription sheets 2871 .. → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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### Push button sensor 2, 2-gang without controller



Push button sensor 2,  
2-gang (1+1) without controller  
with inscription space

System 55			
transparent white	1012 100	1	06
E22			
Stainless steel (lacquered)	1012 20	1	06
Aluminium (lacquered)	1012 203	1	06
transparent white	1012 100	1	06
Second support ring	1127 00	5/25	06
Bus coupler	0570 00	1/5	06

Two large operating areas (55 x 55 mm). Neutral inscription labels included.

Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button

**Product type:** Push button, 2-gang

The push button sensor is attached to **one** flush-mounted bus coupler. Disassembly safeguard implemented via its being screwed down. The following software variants are to be programmed with ETS 2:

- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- dimming
- Blind and shutter control
- Dimming value encoder
- Light scene auxiliary unit with memory function
- Dimming and blind and shutter control (freely-configurable rockers)
- Switching and blind and shutter control (freely-configurable rockers)
- Switching and dimming (freely-configurable rockers)

Two back-lit, large-area inscription spaces (39 x 54 mm). Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

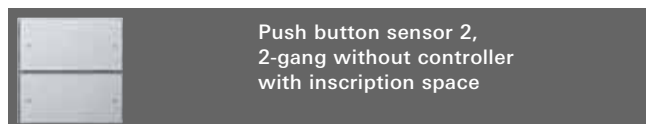
**Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 ..**

**Inscription sheets 1090 00 → Page 209.**

**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Push button sensor 2,  
2-gang without controller  
with inscription space

F100			
cream white glossy	2012 111	1/5	06
pure white glossy	2012 112	1/5	06
Bus coupler	0570 00	1/5	06

Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 2-gang

The push button sensor is attached to a flush-mounted bus coupler. Disassembly safeguard implemented via its being screwed down. The following software variants are to be programmed with ETS 2:

- Switching with status indicator (blue LED)
- Switching with telegram reception confirmation (blue LED)
- dimming
- Blind and shutter control
- Dimming value encoder
- Light scene auxiliary unit with memory function
- Dimming and blind and shutter control (freely-configurable rockers)
- Switching and blind and shutter control (freely-configurable rockers)
- Switching and dimming (freely-configurable rockers)

Two large-area inscription spaces (33.5 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

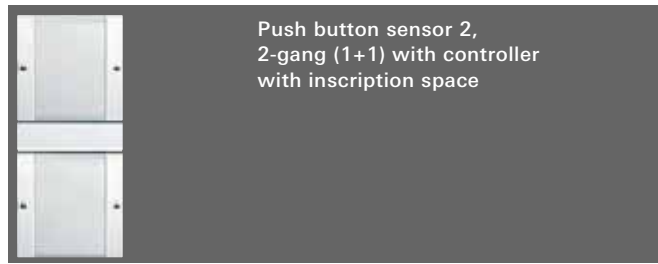
**Inscription sheets 2872 .. → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Push button sensor 2, 2-gang with controller**



System 55	Order no.	Packing unit	PS
transparent white	1062 100	1	06
<b>E22</b>			
Stainless steel (lacquered)	1062 20	1	06
Aluminium (lacquered)	1062 203	1	06
transparent white	1062 100	1	06
Second support ring	1127 00	5/25	06
Bus coupler	0570 00	1/5	06

Disassembly safeguard implemented via its being screwed down. Two large operating areas (55 x 55 mm). Neutral inscription labels included. Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button  
**Product type:** Push button, 2-gang

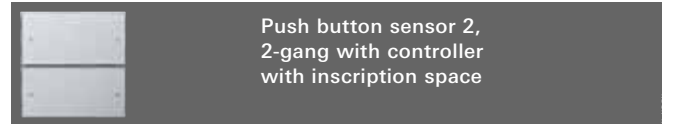
The push button sensor is attached to **one** flush-mounted bus coupler. The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blinds, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 4 buttons or 2 rockers
- Status indication via 4 red LEDs possible
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Two back-lit, large-area inscription spaces (39 x 54 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Connection: 2 x 5-pole plug connector

**Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 ..**  
**Inscription sheets 1090 00 → Page 209.**  
**Support ring 1127 00 → Page 377.**  
**Instabus bus coupler 0570 00 → Page 350.**



F100	Order no.	Packing unit	PS
cream white glossy	2062 111	1/5	06
pure white glossy	2062 112	1/5	06
Bus coupler	0570 00	1/5	06

Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

**Product family:** Push button  
**Product type:** Push button, 2-gang

The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 4 buttons or 2 rockers
- Status indication via 4 blue LEDs possible
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

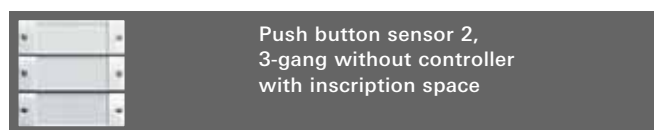
Two large-area inscription spaces (33.5 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Connection: 2 x 5-pole plug connector

**Inscription sheets 2872 .. → Page 209.**  
**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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### Push button sensor 2, 3-gang without controller



Push button sensor 2,  
3-gang without controller  
with inscription space

System 55			
transparent white	<b>1013 100</b>	1/5	06
<b>E22</b>			
Stainless steel (lacquered)	<b>1013 20</b>	1/5	06
Aluminium (lacquered)	<b>1013 203</b>	1/5	06
transparent white	<b>1013 100</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

Neutral inscription labels included.

**Product family:** Push button  
**Product type:** Push button, 3-gang

The push button sensor is attached to a flush-mounted bus coupler. Disassembly safeguard implemented via its being screwed down. The following software variants are to be programmed with ETS 2:

- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- dimming
- Blind and shutter control
- Dimming value encoder
- Light scene auxiliary unit with memory function

If a different assignment of the rockers is required, please use 3-gang push button sensor 2 with controller **1063** ...

Back-lit, large-area inscription space (39 x 54 mm). Can be illuminated in accordance with the workplace ordinance.

#### Radio bus system

Push button sensor can be attached to radio wall-transmitter insert. Rockers are freely configurable:

- switching or
- dimming or
- blind or shutter control or
- calling up of max. five light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

**For integration in Stainless Steel Series 20, Series 21:**

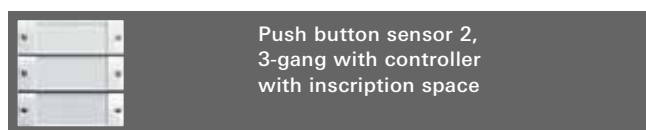
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Inscription sheets 1090 00 → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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### Push button sensor 2, 3-gang with controller



Push button sensor 2,  
3-gang with controller  
with inscription space

System 55			
transparent white	<b>1063 100</b>	1/5	06
<b>E22</b>			
Stainless steel (lacquered)	<b>1063 20</b>	1/5	06
Aluminium (lacquered)	<b>1063 203</b>	1/5	06
transparent white	<b>1063 100</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

**Product family:** Push button  
**Product type:** Push button, 3-gang

The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blinds, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 6 buttons or 3 rockers
- Status indication via 6 red LEDs possible
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Back-lit, large-area inscription space (39 x 54 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20


Connection: 2 x 5-pole plug connector

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Inscription sheets 1090 00 → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS	Order no.	Packing unit	PS
 <p>Push button sensor 2, 3-gang with controller with inscription space</p>					
<b>F100</b>					
cream white glossy	<b>2063 111</b>	1/5			06
pure white glossy	<b>2063 112</b>	1/5			06
Bus coupler	<b>0570 00</b>	1/5			06

Disassembly safeguard implemented via its being screwed down.  
Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 3-gang

The push button sensor is attached to a flush-mounted bus coupler.

The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 6 buttons or 3 rockers
- Status indication via 6 blue LEDs possible
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Three large-area inscription spaces (21.8 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

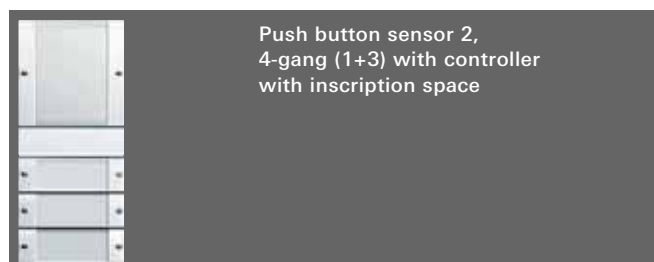
Connection: 2 x 5-pole plug connector

**Inscription sheets 2873 .. → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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### Push button sensor 2, 4-gang with controller



Push button sensor 2,  
4-gang (1+3) with controller  
with inscription space

<b>System 55</b>			
transparent white	<b>1064 100</b>	1	06
<b>E22</b>			
Stainless steel (lacquered)	<b>1064 20</b>	1	06
Aluminium (lacquered)	<b>1064 203</b>	1	06
transparent white	<b>1064 100</b>	1	06
Second support ring	<b>1127 00</b>	5/25	06
Bus coupler	<b>0570 00</b>	1/5	06

A large operating area (55 x 55 mm) for any main function, a three-part operating area for other applications. Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button

**Product type:** Push button, 4-gang

The push button sensor is attached to **one** flush-mounted bus coupler. The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blinds, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 8 buttons or 4 rockers
- Status indication via 8 red LEDs possible
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Two back-lit, large-area inscription spaces (39 x 54 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

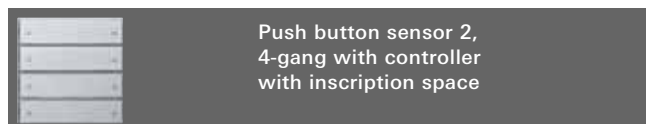
**Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 ..**

**Inscription sheets 1090 00 → Page 209.**

**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Push button sensor 2,  
4-gang with controller  
with inscription space

<b>F100</b>			
cream white glossy	<b>2044 111</b>	1	06
pure white glossy	<b>2044 112</b>	1	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 4-gang

The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 8 buttons or 4 rockers
- Status indication via 8 blue LEDs possible
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Four large-area inscription spaces (15.8 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

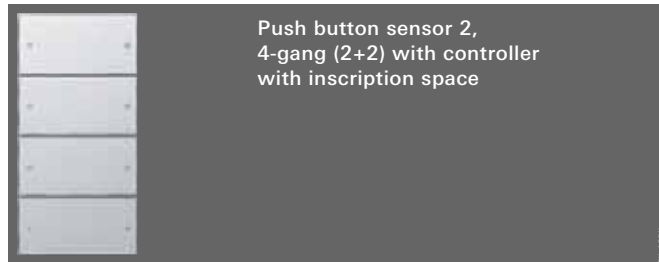
Protection type: IP 20

Connection: 2 x 5-pole plug connector

**Inscription sheets 2874 .. → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Push button sensor 2, 4-gang (2+2) with controller with inscription space

<b>F100</b>			
cream white glossy	<b>2064 111</b>	1	06
pure white glossy	<b>2064 112</b>	1	06
Second support ring	<b>1127 00</b>	5/25	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard implemented via its being screwed down.  
Neutral inscription labels included.  
Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button  
**Product type:** Push button, 4-gang

The push button sensor is attached to **one** flush-mounted bus coupler. The following software variants are to be programmed with ETS 2:

- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 8 buttons or 4 rockers
- Status indication via 8 blue LEDs possible
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Four large-area inscription spaces (33.5 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

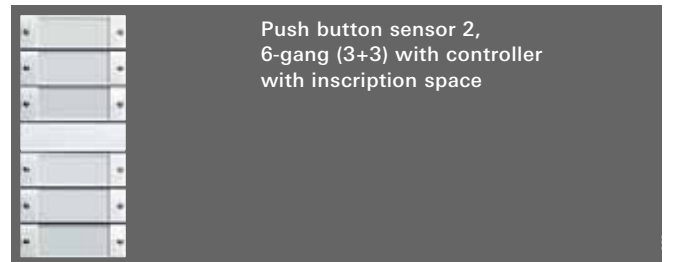
**Inscription sheets 2872 .. → Page 209.**

**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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**Push button sensor 2, 6-gang with controller**



Push button sensor 2, 6-gang (3+3) with controller with inscription space

<b>System 55</b>			
transparent white	<b>1066 100</b>	1	06
<b>E22</b>			
Stainless steel (lacquered)	<b>1066 20</b>	1	06
Aluminium (lacquered)	<b>1066 203</b>	1	06
transparent white	<b>1066 100</b>	1	06
Second support ring	<b>1127 00</b>	5/25	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard implemented via its being screwed down.  
Neutral inscription labels included.  
Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button  
**Product type:** Push button, 6-gang

The push button sensor is attached to **one** flush-mounted bus coupler. The following software variants (rocker or button application) are to be programmed with ETS 2:

- Push button sensor configurable with either 6 rocker or 12 button functions.
- Rocker functions: Switching, dimming, blinds, value transmitter/ light scene auxiliary unit, analogue value transmitter and universal value transmitter EIS 6 to the 6 rockers
- Touch function, rocker functions only switching: „Switching/pressing“ or „no function“ to the 12 buttons or 6 rockers
- Status indication via 12 red LEDs possible
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range

Two back-lit, large-area inscription spaces (39 x 54 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

**Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .**

**Inscription sheets 1090 00 → Page 209.**

**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Push button sensor 2plus, 2-gang



Push button sensor 2plus,  
2-gang with inscription space

System 55	Order no.	Packing unit	PS
transparent white	1052 100	1/5	06
<b>E22</b>			
Stainless steel (lacquered)	1052 20	1/5	06
Aluminium (lacquered)	1052 203	1/5	06
transparent white	1052 100	1/5	06
Bus coupler	0570 00	1/5	06

The push button sensor 2plus combines the functions of a push button sensor, 2-gang and a controller. It can be updated for subsequent function expansion via a flash controller.

The controller function provides single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here. The controller is operated with the buttons to the left and right of the display (rocker 1). The operating mode (night, standby or comfort mode), setpoint temperatures and the contrast can be changed with this. The display indicates the operating mode, blocking of the controller or room/outside temperature or the time of day (clock required).

The two other rockers are available for the functions of the push button sensor. Each rocker/button can be programmed separately. With decentralised switching of the operating mode or presence button at the device, we recommend reserving a button for the function.

Programming occurs with the push button sensor 2plus software in conjunction with the ETS 2 from version 1.2a.

Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 2-gang

The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 from

**Version 1.2a:**

- Status indication via 4 red LEDs possible
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Display of outdoor temperature, room temperature, setpoint temperature or time, or automatic changing between room/outdoor temperature and time can be configured
- Free assignment of the functions switching/pressing, dimming, blinds, value transmitter/light scene auxiliary unit, room temperature controller operation to the 4 buttons or 2 rockers
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range
- 8 independent light scenes, and eight different commands can be transferred for each scene
- Operating modes: heating, cooling or heating and cooling
- Operating mode switchover via a 1 byte value object
- Forced setting of the operating mode via a 1 byte value object

- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
  - Automatic frost protection (detection of sudden drop in temperature) for use without window contact
  - Valve protection function (valve is opened cyclically every 24 hours)
  - Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
  - Extended control functions: Basic and additional heating, basic and additional cooling, basic and additional heating/cooling, 2 control circuits
  - Presence button for comfort extension can be configured
  - Temperature detection via an internal and/or external sensor (average value calculation for large areas)
  - Heating week-based time switch with 28 memories for time-dependent operating mode switchover
  - Time or temperature-dependent triggering of 2 independent control functions
  - Correcting variable objects can be inverted if necessary
  - Message objects for heating and cooling
  - Object for controller status
  - Preset control parameters for common radiators/cooling units
  - Separate window contact object with/without time delay
- Back-lit, large-area inscription space and display. Can be lit in accordance with the workplace ordinance.
- Temperature range: -5 °C to +45 °C  
Protection type: IP 20  
Connection: 2 x 5-pole plug connector

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Inscription sheets 1089 00 → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**



Order no.	Packing unit	PS	Order no.	Packing unit	PS
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Push button sensor 2plus,  
2-gang with inscription space

#### F100

cream white glossy	<b>2052 111</b>	1/5	06
pure white glossy	<b>2052 112</b>	1/5	06

The push button sensor 2plus combines the functions of a push button sensor, 2-gang and a controller. It can be updated for subsequent function expansion via a flash controller.

The controller function provides single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here. The controller is operated with the buttons to the left and right of the display (rocker 1). The operating mode (night, standby or comfort mode), setpoint temperatures and the contrast can be changed with this. The display indicates the operating mode, blocking of the controller or room/outside temperature or the time of day (clock required).

The two other rockers are available for the functions of the push button sensor. Each rocker/button can be programmed separately. With decentralised switching of the operating mode or presence button at the device, we recommend reserving a button for the function.

Programming occurs with the push button sensor 2plus software in conjunction with the ETS 2 **from version 1.2a**.

Disassembly safeguard implemented via its being screwed down.

Neutral inscription labels included.

**Product family:** Push button

**Product type:** Push button, 2-gang

The push button sensor is attached to a flush-mounted bus coupler.

The following software variants are to be programmed with ETS 2 from **Version 1.2a**:

- Status indication via 4 blue LEDs possible
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Display of outdoor temperature, room temperature, setpoint temperature or time, or automatic changing between room/outdoor temperature and time can be configured
- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, room temperature controller operation to the 4 buttons or 2 rockers
- Blocker for blocking individual buttons or rockers
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range
- 8 independent light scenes, and eight different commands can be transferred for each scene
- Operating modes: heating, cooling or heating and cooling
- Operating mode switchover via a 1 byte value object
- Forced setting of the operating mode via a 1 byte value object
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Automatic frost protection (detection of sudden drop in temperature) for use without window contact
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Extended control functions: Basic and additional heating, basic and additional cooling, basic and additional heating/cooling, 2 control circuits

- Presence button for comfort extension can be configured
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)
- Heating week-based time switch with 28 memories for time-dependent operating mode switchover
- Time or temperature-dependent triggering of 2 independent control functions
- Correcting variable objects can be inverted if necessary
- Message objects for heating and cooling
- Object for controller status
- Preset control parameters for common radiators/cooling units
- Separate window contact object with/without time delay
- Illuminated, easy-to-read display (illumination can be switched off)

Two large-area inscription spaces (15.8 x 67 mm). Can be lit in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

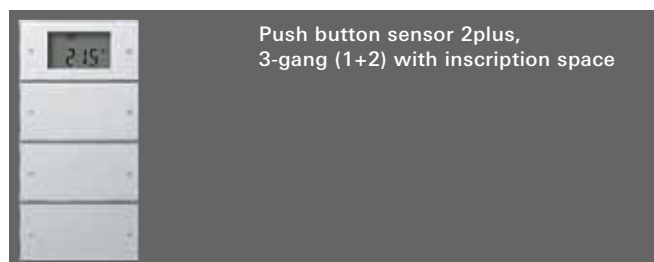
**Inscription sheets 2874 .. → Page 209.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Push button sensor 2plus, 3-gang



Push button sensor 2plus,  
3-gang (1+2) with inscription space

F100			
cream white glossy	2053 111	1	06
pure white glossy	2053 112	1	06
Second support ring	1127 00	5/25	06
Bus coupler	0570 00	1/5	06

The push button sensor 2plus combines the functions of a push button sensor, 3-gang and a controller. It can be updated for subsequent function expansion via a flash controller.

The controller function provides single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here. The controller is operated with the buttons to the left and right of the display (rocker 1). The operating mode (night, standby or comfort mode), setpoint temperatures and the contrast can be changed with this. The display indicates the operating mode, blocking of the controller or room/outside temperature or the time of day (clock required).

The other rockers are available for the functions of the push button sensor. Each rocker/button can be programmed separately. With decentralised switching of the operating mode or presence button at the device, we recommend reserving a button for the function. Programming occurs with the push button sensor 2plus software in conjunction with the ETS 2 **from version 1.2a**. Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

**Product family:** Push button  
**Product type:** Push button, 2-gang

The push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 from **Version 1.2a**:

- Status indication via 6 blue LEDs possible
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Display of outdoor temperature, room temperature, setpoint temperature or time, or automatic changing between room/outdoor temperature and time can be configured
- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, room temperature controller operation to the 6 buttons or 3 rockers
- Blocker for blocking individual buttons or rockers
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range
- 8 independent light scenes, and eight different commands can be transferred for each scene
- Operating modes: heating, cooling or heating and cooling
- Operating mode switchover via a 1 byte value object

- Forced setting of the operating mode via a 1 byte value object
  - Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
  - Automatic frost protection (detection of sudden drop in temperature) for use without window contact
  - Valve protection function (valve is opened cyclically every 24 hours)
  - Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
  - Extended control functions: Basic and additional heating, basic and additional cooling, basic and additional heating/cooling, 2 control circuits
  - Presence button for comfort extension can be configured
  - Temperature detection via an internal and/or external sensor (average value calculation for large areas)
  - Heating week-based time switch with 28 memories for time-dependent operating mode switchover
  - Time or temperature-dependent triggering of 2 independent control functions
  - Correcting variable objects can be inverted if necessary
  - Message objects for heating and cooling
  - Object for controller status
  - Preset control parameters for common radiators/cooling units
  - Separate window contact object with/without time delay
  - Illuminated, easy-to-read display (illumination can be switched off)
- Three large-area inscription spaces (33.5 x 67 mm). Can be lit in accordance with the workplace ordinance.  
Temperature range: -5 °C to +45 °C  
Protection type: IP 20  
Connection: 2 x 5-pole plug connector

**Inscription sheets 2872 .. → Page 209.**

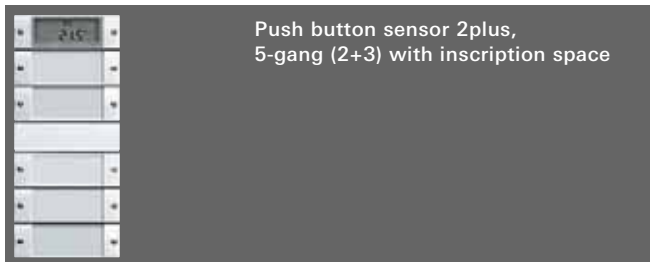
**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Push button sensor 2plus, 5-gang



Push button sensor 2plus,  
5-gang (2+3) with inscription space

System 55	Order no.	Packing unit	PS
transparent white	1055 100	1	06
E22			
Stainless steel (lacquered)	1055 20	1	06
Aluminium (lacquered)	1055 203	1	06
transparent white	1055 100	1	06
Second support ring	1127 00	5/25	06
Bus coupler	0570 00	1/5	06

The push button sensor 2plus combines the functions of a push button sensor, 5-gang and a controller. It can be updated for subsequent function expansion via a flash controller.

The controller function provides single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here. The controller is operated with the buttons to the left and right of the display (rocker 1). The operating mode (night, standby or comfort mode), setpoint temperatures and the contrast can be changed with this. The display indicates the operating mode, blocking of the controller or room/outside temperature or the time of day (clock required).

The five other rockers are available for the functions of the push button sensor. Each rocker/button can be programmed separately. With decentralised switching of the operating mode or presence button at the device, we recommend reserving a button for the function.

Programming occurs with the push button sensor 2plus software in conjunction with the ETS 2 from **version 1.2a**.

Disassembly safeguard implemented via its being screwed down.

Neutral inscription labels included.

Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button

**Product type:** Push button, 5-gang

The 2plus push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 from **Version 1.2a**:

- Status indication via 10 red LEDs possible
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Display of outdoor temperature, room temperature, setpoint temperature or time, or automatic changing between room/outdoor temperature and time can be configured
- Free assignment of the functions switching/pressing, dimming, blinds, value transmitter/light scene auxiliary unit, room temperature controller operation to the 10 buttons or 5 rockers
- Inscription space illumination ON, OFF, automatic switch-off or switchable via object
- Blocker for blocking individual buttons or rockers
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function

- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
  - Universal value transmitter EIS 6 for continuous run-through of a value range
  - 8 independent light scenes, and eight different commands can be transferred for each scene
  - Operating modes: heating, cooling or heating and cooling
  - Operating mode switchover via a 1 byte value object
  - Forced setting of the operating mode via a 1 byte value object
  - Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
  - Automatic frost protection (detection of sudden drop in temperature) for use without window contact
  - Valve protection function (valve is opened cyclically every 24 hours)
  - Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
  - Extended control functions: Basic and additional heating, basic and additional cooling, basic and additional heating/cooling, 2 control circuits
  - Presence button for comfort extension can be configured
  - Temperature detection via an internal and/or external sensor (average value calculation for large areas)
  - Heating week-based time switch with 28 memories for time-dependent operating mode switchover
  - Time or temperature-dependent triggering of 2 independent control functions
  - Correcting variable objects can be inverted if necessary
  - Message objects for heating and cooling
  - Object for controller status
  - Preset control parameters for common radiators/cooling units
  - Separate window contact object with/without time delay
- Back-lit, large-area inscription space and display. Can be lit in accordance with the workplace ordinance.
- Temperature range: -5 °C to +45 °C  
Protection type: IP 20  
Connection: 2 x 5-pole plug connector

**Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 ..**

**Inscription sheets 1089 00, 1090 00 → Page 209.**

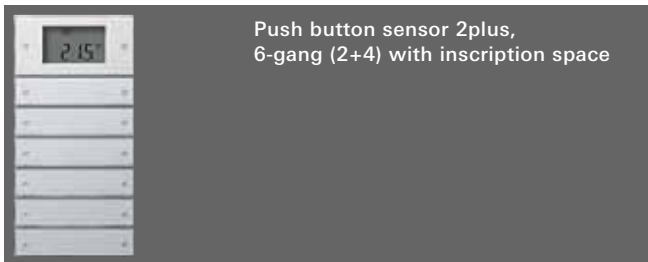
**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Push button sensor 2plus, 6-gang



<b>F100</b>			
cream white glossy	<b>2056 111</b>	1	06
pure white glossy	<b>2056 112</b>	1	06
Second support ring	<b>1127 00</b>	5/25	06
Bus coupler	<b>0570 00</b>	1/5	06

The push button sensor 2plus combines the functions of a push button sensor, 6-gang and a controller. It can be updated for subsequent function expansion via a flash controller.

The controller function provides single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here. The controller is operated with the buttons to the left and right of the display (rocker 1). The operating mode (night, standby or comfort mode), setpoint temperatures and the contrast can be changed with this. The display indicates the operating mode, blocking of the controller or room/outside temperature or the time of day (clock required).

The other rockers are available for the functions of the push button sensor. Each rocker/button can be programmed separately. With decentralised switching of the operating mode or presence button at the device, we recommend reserving a button for the function.

Programming occurs with the push button sensor 2plus software in conjunction with the ETS 2 **from version 1.2a**.

Disassembly safeguard implemented via its being screwed down. Neutral inscription labels included.

Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Product family:** Push button

**Product type:** Push button, 5-gang

The 2plus push button sensor is attached to a flush-mounted bus coupler. The following software variants are to be programmed with ETS 2 from **Version 1.2a**:

- Status indication via 12 blue LEDs possible
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte telegram)
- Display of outdoor temperature, room temperature, setpoint temperature or time, or automatic changing between room/outdoor temperature and time can be configured
- Free assignment of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit, room temperature controller operation to the 12 buttons or 6 rockers
- Blocker for blocking individual buttons or rockers
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set
- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Analogue value transmitter (EIS 5 or EIS 10), value adjustment possible by pressing and holding button
- Universal value transmitter EIS 6 for continuous run-through of a value range
- 8 independent light scenes, and eight different commands can be transferred for each scene

- Operating modes: heating, cooling or heating and cooling
  - Operating mode switchover via a 1 byte value object
  - Forced setting of the operating mode via a 1 byte value object
  - Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
  - Automatic frost protection (detection of sudden drop in temperature) for use without window contact
  - Valve protection function (valve is opened cyclically every 24 hours)
  - Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
  - Extended control functions: Basic and additional heating, basic and additional cooling, basic and additional heating/cooling, 2 control circuits
  - Presence button for comfort extension can be configured
  - Temperature detection via an internal and/or external sensor (average value calculation for large areas)
  - Heating week-based time switch with 28 memories for time-dependent operating mode switchover
  - Time or temperature-dependent triggering of 2 independent control functions
  - Correcting variable objects can be inverted if necessary
  - Message objects for heating and cooling
  - Object for controller status
  - Preset control parameters for common radiators/cooling units
  - Separate window contact object with/without time delay
  - Illuminated, easy-to-read display (illumination can be switched off)
- Six large-area inscription spaces (15.8 x 67 mm). Can be lit in accordance with the workplace ordinance.
- Temperature range: -5 °C to +45 °C  
Protection type: IP 20  
Connection: 2 x 5-pole plug connector

**Inscription sheets 2874 .. → Page 209.**

**Support ring 1127 00 → Page 377.**

**Instabus bus coupler 0570 00 → Page 350.**

Order no.	Packing unit	PS
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### Push button sensor, 1-gang with inscription space



Push button sensor, 1-gang with inscription space

#### S-Color System

pure white	<b>0881 40</b>	1/5	06
grey	<b>0881 42</b>	1/5	06
red	<b>0881 43</b>	1/5	06
blue	<b>0881 46</b>	1/5	06
black	<b>0881 47</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Product family:** Push button  
**Product type:** Push button, 1-gang

The push button sensor is attached to a flush-mounted bus coupler.

The following software variants are to be programmed with ETS 2:

- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Press functions such as toggling
- Dimming value encoder
- Running of two light scenes of the light-scene push button sensor

#### 0888 ..

Indication of operation with green LED. Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 208.

Order no.	Packing unit	PS
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### Push button sensor, 2-gang with inscription space



Push button sensor, 2-gang with inscription space

#### S-Color System

pure white	<b>0882 40</b>	1/5	06
grey	<b>0882 42</b>	1/5	06
red	<b>0882 43</b>	1/5	06
blue	<b>0882 46</b>	1/5	06
black	<b>0882 47</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Product family:** Push button  
**Product type:** Push button, 2-gang

The push button sensor is attached to a flush-mounted bus coupler.

The following software variants are to be programmed with ETS 2:

- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Dimming value encoder
- Running of four light scenes of the light-scene push button sensor

#### 0888 ..

- Dimming and blind and shutter control (freely-configurable rockers)

- Switching and blind and shutter control (freely-configurable rockers)

- Switching and dimming (freely-configurable rockers)

Indication of operation with green LED. Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Connection: 2 x 5-pole plug connector

Inscription sheets 1454 00 → Page 208.

Order no.	Packing unit	PS
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### Push button sensor, 4-gang with inscription space



Push button sensor, 4-gang with inscription space

#### S-Color System

pure white	<b>0884 40</b>	1/5	06
grey	<b>0884 42</b>	1/5	06
red	<b>0884 43</b>	1/5	06
blue	<b>0884 46</b>	1/5	06
black	<b>0884 47</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Product family:** Push button

**Product type:** Push button, 4-gang

The push button sensor is attached to a flush-mounted bus coupler.

The following software variants are to be programmed with ETS 2:

- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- Dimming value encoder
- Running of light scenes of the light-scene push button sensor

**0888 ..**

If a different assignment of the rockers is required, please use multi-function push button sensor **0885 ...**. Indication of operation with green LED. Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

Inscription sheets **1454 00** → **Page 208**.

Order no.	Packing unit	PS
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### Multi-function push button sensor, 4-gang with inscription space



Multi-function push button sensor, 4-gang with inscription space

#### S-Color System

pure white	<b>0885 40</b>	1/5	06
grey	<b>0885 42</b>	1/5	06
red	<b>0885 43</b>	1/5	06
blue	<b>0885 46</b>	1/5	06
black	<b>0885 47</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Product family:** Push button

**Product type:** Push button, 4-gang

The push button sensor is attached to a flush-mounted bus coupler.

Rocker 1 to 4 can be configured as a switching sensor, dimming sensor, blind sensor, light scene auxiliary unit and as a value transmitter.

The following software variants can be programmed with the ETS 2:

- Switching with status indicator (red LED)
- Switching with telegram reception confirmation (red LED)
- Dimming
- Blind and shutter control
- value transmitters
- Running of light scenes of the light-scene push button sensor

**0888 ..**

Indication of operation with green LED. Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

Inscription sheets **S-Classic, S-Color 1454 00** → **Page 208**.

Order no.	Packing unit	PS
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### Light scene push button sensor, 8-gang with inscription space



Light scene push button sensor, 8-gang with inscription space

#### S-Color System

pure white	<b>0888 40</b>	1/5	06
grey	<b>0888 42</b>	1/5	06
red	<b>0888 43</b>	1/5	06
blue	<b>0888 46</b>	1/5	06
black	<b>0888 47</b>	1/5	06
Bus coupler	<b>0570 00</b>	1/5	06

**Product family:** Push button

**Product type:** Common button

Lighting situations are set and saved with the light scene push button sensor. Up to 8 lighting situations can be executed directly at the press of a button or operated via auxiliary units (push button sensors, binary inputs etc.). The light scene push button sensor is attached to a flush-mounted coupler. Disassembly safeguard via high level of pull-off force. A modification of the lighting situation is made by the user without a PC. Indication of operation with green LED. Can be illuminated in accordance with the workplace ordinance.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Connection: 2 x 5-pole plug connector

**Inscription sheets S-Classic, S-Color 1454 00 → Page 208.**

Order no.	Packing unit	PS
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### Data interface with inscription space and disassembly safeguard



Instabus KNX/EIB data interface with inscription space and removal protection

#### System 55

cream white glossy	<b>0558 01</b>	1	06
pure white glossy	<b>0558 03</b>	1	06
pure white matt	<b>0558 27</b>	1	06
anthracite	<b>0558 28</b>	1	06
colour aluminium	<b>0558 26</b>	1	06

#### E22

Stainless steel	<b>0558 20</b>	1/5	06
Aluminium	<b>0558 203</b>	1	06
pure white glossy	<b>0558 03</b>	1	06

#### F100

cream white glossy	<b>0558 111</b>	1	06
pure white glossy	<b>0558 112</b>	1	06

#### S-Color System

pure white	<b>0558 40</b>	1/5	06
grey	<b>0558 42</b>	1/5	06
red	<b>0558 43</b>	1/5	06
blue	<b>0558 46</b>	1/5	06
black	<b>0558 47</b>	1/5	06

Bus coupler	<b>0570 00</b>	1/5	06
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**Product family:** Communication

**Product type:** Serial

data interface for attachment to the flush-mounted bus coupler. Coupling of a PC to the Instabus is made possible via a 9-pole Sub-D pin jack. Programming and diagnosis of the Instabus devices and the Connection to a visualisation device occurs via this RS 232 interface. Data level pursuant to DIN 66259 Part 1. With automatic R-type recognition and switching if PC is not connected.

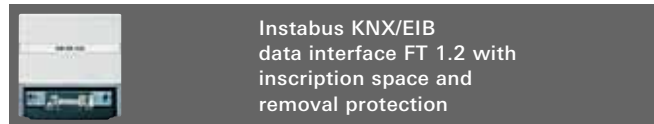
**Inscription sheets System 55, E22 (pure white) 1457 00 → Page 208.**

**Inscription sheets F100 2876 .. → Page 209.**

**Inscription sheets S-Color 1453 00 → Page 208.**

**Inscription sheets E22 1455 00 → Page 208.**

Order no.	Packing unit	PS
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System 55	Order no.	Packing unit	PS
cream white glossy	0504 01	1	06
pure white glossy	0504 03	1	06
pure white matt	0504 27	1	06
anthracite	0504 28	1	06
colour aluminium	0504 26	1	06
F100			
cream white glossy	0504 111	1	06
pure white glossy	0504 112	1	06
Bus coupler 2	0645 00	1/5	06

**Product family:** Communication  
**Product type:** Serial

Data interface for attachment to the flush-mounted bus coupler 2. Coupling of a PC to the Instabus is enabled with a 9-pole Sub D pin jack. The data interface is **only** suitable for applications which require the FT 1.2 protocols, e.g. HomeServer 3. Programming via the ETS is only possible with the data interface **0558 .., 1153 00.**

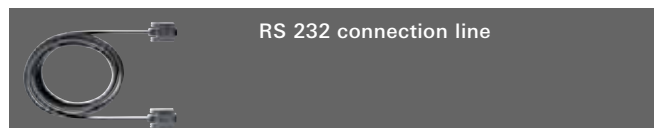
**Instabus bus coupler 2, 0645 00 → Page 350.**

**RS 232 connection line 0906 00 → Page 328.**

**Gira HomeServer 3 0529 00 → Page 342.**

**Inscription sheets System 55 1457 00 → Page 208.**

**Inscription sheets F100 2876 .. → Page 209.**



Length 2 m	Order no.	Packing unit	PS
	0906 00	1	09

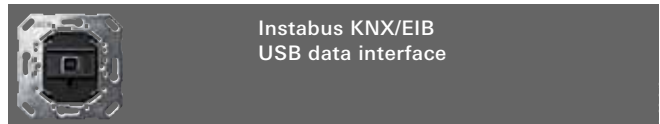
For connecting the Gira Instabus system to a PC. Connection between the data interface and the PC. 9-pole D-Sub flat. 1 : 1 connection.

**Instabus data interface DRA 1153 00 → Page 356.**

**Data interface with inscription space**

**0558 .., 0504 .. → Page 327.**

Order no.	Packing unit	PS
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Flush-mounted	Order no.	Packing unit	PS
	1070 00	1/5	06

**Product family:** System components

**Product type:** Interface

USB data interface with integrated bus coupler. It enables the connection of a PC for the addressing, programming and diagnosis of Instabus EIB components. The data interface is supported by the **ETS3** or the **ETS Starter** and the PC operation system Microsoft® Windows® ME, 2000 and XP.

**Connections:** Instabus via connection and branch terminal **0595 00**

USB pin jack, type B

**Transfer protocol:** compatible with USB 1.1/2.0

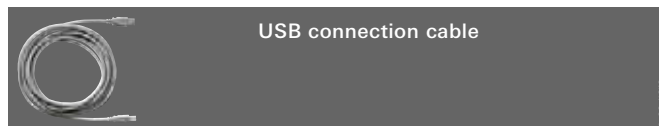
**Temperature range:** -5 °C to +45 °C

**Protection type:** IP 20

**Suitable for cover plate 0276 .., 0876 ..**

**Instabus connection and branch terminal 0595 00 → Page 377.**

**USB connection cable 0903 00 → Page 351.**



Order no.	Packing unit	PS
0903 00	1	06

USB connection cable for connecting the USB data interface flush-mounted or DRA to the PC. Plug type A-B.

**Connection line:** 3 m

**USB data interface UP 1070 00 → Page 351.**

**USB data interface DRA 1080 00 → Page 356.**

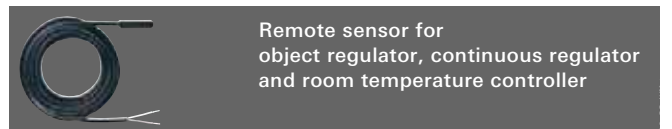


	Order no.	Packing unit	PS		Order no.	Packing unit	PS
<b>Continuous regulator with 4-gang button interface</b>				<ul style="list-style-type: none"> <li>· Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)</li> <li>· Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible</li> <li>· Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set</li> <li>· Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function</li> <li>· Temperature sensor function: On channel of the push button interface can be used as an external temperature sensor for the room temperature controller.</li> </ul>			
<b>System 55</b>				<b>Outputs:</b>			
cream white glossy	2100 01	1	06	· Independent switching of a maximum of 2 outputs			
pure white glossy	2100 03	1	06	Cable length for			
pure white matt	2100 27	1	06	inputs/outputs: max. 5 m			
anthracite	2100 28	1	06	Cable length for			
colour aluminium	2100 26	1	06	temperature sensor: max. 50 m			
<b>E22</b>				Ambient temperature: -5 °C to +45 °C			
Stainless steel	2100 20	1	06	Protection type: IP 20			
Aluminium	2100 203	1	06	<b>Remote sensor 1493 00 → Page 329.</b>			
pure white glossy	2100 03	1	06				
<b>F100</b>							
cream white glossy	2100 111	1	06				
pure white glossy	2100 112	1	06				
<b>S-Color System</b>							
pure white	2100 40	1	06				
grey	2100 42	1	06				
red	2100 43	1	06				
blue	2100 46	1	06				
black	2100 47	1	06				
<b>Product family:</b> Heating, air-conditioning, ventilation							
<b>Product type:</b> Controller							
The flush-mounted continuous regulator combines the functions of a KNX/EIB bus coupler, a single-room temperature controller with specified setpoint and a binary input. No separate bus coupler is required. Four zero-voltage contacts can be connected to the binary input. Input 1 can be used to connect a remote sensor for the temperature measurement in the floor. Two inputs can be configured as outputs (max. 0.8 mA).							
The control function is used for single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here.							
The temperature setpoint is shifted with the adjustment dial. A presence button is used to toggle between the comfort and the standby mode. The current states are indicated on the continuous regulator with LEDs. The ETS3.0d is recommended for configuring and commissioning the device. The use of a switch terminal box for connection of the external inputs is recommended.							
<b>Controller:</b>							
<ul style="list-style-type: none"> <li>· 5 operating modes: Comfort, standby, night, frost/heat protection and controller lock-out (e.g. dew-point mode)</li> <li>· Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling</li> <li>· Preset control parameters for common radiators/cooling units</li> <li>· Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked</li> <li>· Automatic frost protection (detection of sudden drop in temperature) for use without window contact</li> <li>· Valve protection function (valve is opened cyclically every 24 hours)</li> <li>· Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)</li> <li>· Temperature detection via an internal and/or external sensor (average value calculation for large areas)</li> </ul>							
<b>Inputs:</b>							
<ul style="list-style-type: none"> <li>· Free assignment of the functions switching, dimming, blind and value transmitter to the inputs</li> <li>· Blocker for blocking individual inputs</li> <li>· Behaviour when the bus voltage returns can be configured separately for each input</li> <li>· Telegram rate limiting</li> </ul>							

### Continuous regulator with 4-gang button interface



Instabus KNX/EIB  
Continuous regulator  
with 4-gang button interface  
including bus coupler



Remote sensor 1493 00 1 02

Remote sensor with 4 m supply cable (2 x 0.75 mm<sup>2</sup>), extendable to 50 m. Install remote sensor in empty pipe in floor.

**Continuous regulator 2100 .. → Page 329.**

**Object regulator 2101 .. → Page 330.**

**Room temperature controller 230 V~ for electrical floor heating 0394 ..**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Object regulator with 4-gang button interface



Instabus KNX/EIB  
Object regulator  
with 4-gang button interface  
including bus coupler

#### System 55

cream white glossy	2101 01	1	06
pure white glossy	2101 03	1	06
pure white matt	2101 27	1	06
anthracite	2101 28	1	06
colour aluminium	2101 26	1	06

#### E22

Stainless steel	2101 20	1	06
Aluminium	2101 203	1	06
pure white glossy	2101 03	1	06

#### F100

cream white glossy	2101 111	1	06
pure white glossy	2101 112	1	06

**Product family:** Heating, air-conditioning, ventilation  
**Product type:** Controller

The flush-mounted object regulator combines the functions of a KNX/EIB bus coupler, a single-room temperature controller with specified setpoint and a binary input. No separate bus coupler is required. Four zero-voltage contacts can be connected to the binary input. Input 1 can be used to connect a remote sensor for the temperature measurement in the floor. Two inputs can be configured as outputs (max. 0.8 mA). The control function is used for single-room temperature control. The controller detects the current room temperature with an internal or external temperature sensor and computes an adjustment size using it and an adjustable setpoint temperature. Valve drives can be controlled with a constant adjustment signal or with a switching adjustment signal here.

The object regulator has no operating or display elements. The ETS3.0d is recommended for configuring and commissioning the device. The use of a switch terminal box for connection of the external inputs is recommended.

#### Controller:

- 5 operating modes: Comfort, standby, night, frost/heat protection and controller lock-out (e.g. dew-point mode)
- Heating/cooling functions: Heating, cooling, heating and cooling, basic and additional heating, basic and additional cooling
- Preset control parameters for common radiators/cooling units
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Automatic frost protection (detection of sudden drop in temperature) for use without window contact
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)

#### Inputs:

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set

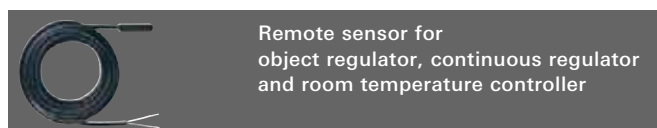
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment by pressing and holding a button for value transmitters possible, light scene auxiliary unit with/without memory function
- Temperature sensor function: On channel of the push button interface can be used as an external temperature sensor for the room temperature controller.

#### Outputs:

- Independent switching of a maximum of 2 outputs

Cable length for  
inputs/outputs: max. 5 m  
Cable length for  
temperature sensor: max. 50 m  
Ambient temperature: -5 °C to +45 °C  
Protection type: IP 20

**Remote sensor 1493 00 → Page 330.**



Remote sensor for  
object regulator, continuous regulator  
and room temperature controller

Remote sensor	1493 00	1	02
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Remote sensor with 4 m supply cable (2 x 0.75 mm<sup>2</sup>), extendable to 50 m. Install remote sensor in empty pipe in floor.

**Continuous regulator 2100 .. → Page 329.**

**Object regulator 2101 .. → Page 330.**

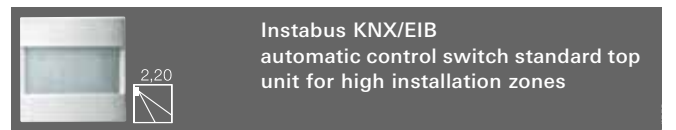
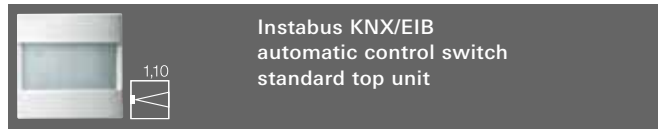
**Room temperature controller 230 V~ for electrical floor heating 0394 ..**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Standard top-unit automatic control switch**

**Standard top unit automatic control switch for high installation areas**



Instabus KNX/EIB automatic control switch standard top unit			
<b>System 55</b>			
cream white glossy	0880 01	1/5	06
pure white glossy	0880 03	1/5	06
pure white matt	0880 27	1/5	06
anthracite	0880 28	1/5	06
colour aluminium	0880 26	1/5	06
<b>E22</b>			
Stainless steel (lacquered)	0880 20	1	06
Aluminium (lacquered)	0880 203	1	06
pure white glossy	0880 03	1/5	06
<b>F100</b>			
cream white glossy	0880 111	1/5	06
pure white glossy	0880 112	1/5	06
<b>S-Color System</b>			
pure white	0880 40	1	06
grey	0880 42	1	06
red	0880 43	1	06
blue	0880 46	1	06
black	0880 47	1	06
Bus coupler	0570 00	1/5	06

Instabus KNX/EIB automatic control switch standard top unit for high installation zones			
<b>System 55</b>			
cream white glossy	0889 01	1/5	06
pure white glossy	0889 03	1/5	06
pure white matt	0889 27	1/5	06
anthracite	0889 28	1/5	06
colour aluminium	0889 26	1/5	06
<b>E22</b>			
Stainless steel (lacquered)	0889 20	1	06
Aluminium (lacquered)	0889 203	1	06
pure white glossy	0889 03	1/5	06
<b>F100</b>			
cream white glossy	0889 111	1/5	06
pure white glossy	0889 112	1/5	06
<b>S-Color System</b>			
pure white	0889 40	1	06
grey	0889 42	1	06
red	0889 43	1	06
blue	0889 46	1	06
black	0889 47	1	06
Bus coupler	0570 00	1/5	06

Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.

Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.

**Product family:** Physical sensors  
**Product type:** Motion detector

The automatic control switch is attached to a flush-mounted bus coupler. The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Telegram type at beginning and end of reception can be set
- Brightness, delay time, lock time
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- Time and twilight value can be set via software

Connection: 2 x 5-pole plug connector  
 Ambient temperature: -5 °C to +45 °C  
 Protection type: IP 20  
 For installation height 1.10 m:  
 Range: 10 m in the front, 6 m on each side  
 Angle of detection: 180°

**Instabus bus coupler 0570 00 → Page 350.**  
**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Product family:** Physical sensors  
**Product type:** Motion detector

The automatic control switch is attached to a flush-mounted bus coupler. The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Telegram type at beginning and end of reception can be set
- Brightness, delay time, lock time
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- Time and twilight value can be set via software

Connection: 2 x 5-pole plug connector  
 Ambient temperature: -5 °C to +45 °C  
 Protection type: IP 20  
 For installation height 1.10 m:  
 Range: 6 m in the front, 3 m on each side  
 Angle of detection: 180°  
 For installation height 2.20 m:  
 Range: 12 m in the front, 6 m on each side  
 Angle of detection: 180°

**Instabus bus coupler 0570 00 → Page 350.**  
**For integration in Stainless Steel Series 20, Series 21:**  
**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

Instabus KNX/EIB

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Comfort top-unit automatic control switch



Instabus KNX/EIB  
automatic control switch  
comfort top unit

#### System 55

cream white glossy	1304 01	1/5	06
pure white glossy	1304 03	1/5	06
pure white matt	1304 27	1/5	06
anthracite	1304 28	1/5	06
colour aluminium	1304 26	1/5	06

#### E22

Stainless steel (lacquered)	1304 20	1/5	06
Aluminium (lacquered)	1304 203	1	06
pure white glossy	1304 03	1/5	06

#### F100

cream white glossy	1304 111	1/5	06
pure white glossy	1304 112	1/5	06

#### S-Color System

pure white	1304 40	1/5	06
grey	1304 42	1/5	06
red	1304 43	1/5	06
blue	1304 46	1/5	06
black	1304 47	1/5	06

Bus coupler	0570 00	1/5	06
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Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.

The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Switching of operating mode between illumination and signal mode (signal mode: A specific number of movements must be detected in a specified time interval before a telegram is sent)
- Additional switching object in signal mode
- Behaviour upon switching to signal mode can be configured
- In illumination mode, the functions switching, value transmitter and light scene execution can be set.
- Brightness-independent motion detection can be set
- Behaviour after bus voltage recovery can be set
- Status LED
- Go-test function for checking of the reception area (brightness independent)
- Alarm function for removal of top unit automatic control switch
- Resetting of alarm object upon replacement of the top unit
- Telegram type at beginning and end of reception can be set
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- The brightness value can be set (blockable via ETS) within the limits set in the ETS (3 - 100 lux) via the built-in potentiometer
- Sensitivity can be set via potentiometer
- Additional delay time can be set via potentiometer
- Switchable to continuous-on, continuous-off or automatic mode via slide switch (blockable via ETS)

**Product family:** Physical sensors

**Product type:** Motion detector

The automatic control switch is attached to a flush-mounted bus coupler.

Connection: 2 x 5-pole plug connector

Ambient temperature: -5 °C to +45 °C

Protection type: IP 20

For installation height 1.10 m:

Range: 10 m in the front, 6 m on each side

Angle of detection: 180°

**Instabus bus coupler 0570 00 → Page 350.**

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

Order no.	Packing unit	PS	Order no.	Packing unit	PS
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### Comfort top unit automatic control switch for high installation



Instabus KNX/EIB  
automatic control switch comfort top  
unit for high installation zones

#### System 55

cream white glossy	1305 01	1/5	06
pure white glossy	1305 03	1/5	06
pure white matt	1305 27	1/5	06
anthracite	1305 28	1/5	06
colour aluminium	1305 26	1/5	06

#### E22

Stainless steel (lacquered)	1305 20	1	06
Aluminium (lacquered)	1305 203	1	06
pure white glossy	1305 03	1/5	06

#### F100

cream white glossy	1305 111	1/5	06
pure white glossy	1305 112	1/5	02

#### S-Color System

pure white	1305 40	1	06
grey	1305 42	1	06
red	1305 43	1	06
blue	1305 46	1	06
black	1305 47	1	06

Bus coupler	0570 00	1/5	06
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Passive infrared motion detector for indoor areas. Upon triggering by a movement of heat, a switching command is sent.

The properties can be configured.

- Can be set as individual device, main unit, auxiliary unit.
- Switching of operating mode between illumination and signal mode (signal mode: A specific number of movements must be detected in a specified time interval before a telegram is sent)
- Additional switching object in signal mode
- Behaviour upon switching to signal mode can be configured
- In illumination mode, the functions switching, value transmitter and light scene execution can be set.
- Brightness-independent motion detection can be set
- Behaviour after bus voltage recovery can be set
- Status LED
- Go-test function for checking of the reception area (brightness independent)
- Alarm function for removal of top unit automatic control switch
- Resetting of alarm object upon replacement of the top unit
- Telegram type at beginning and end of reception can be set
- Cyclical transmission
- Block function can be configured for the beginning and end of blocking (own communication object)
- The brightness value can be set (blockable via ETS) within the limits set in the ETS (3 - 100 lux) via the built-in potentiometer
- Sensitivity can be set via potentiometer
- Additional delay time can be set via potentiometer
- Switchable to continuous-on, continuous-off or automatic mode via slide switch (blockable via ETS)

**Product family:** Physical sensors

**Product type:** Motion detector

The automatic control switch is attached to a flush-mounted bus coupler.

Connection: 2 x 5-pole plug connector

Ambient temperature: -5 °C to +45 °C

Protection type: IP 20

For installation height 1.10 m:

Range: 6 m in the front, 3 m on each side

Angle of detection: 180°

For installation height 2.20 m:

Range: 12 m in the front, 6 m on each side

Angle of detection: 180°

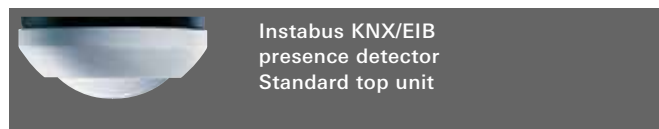
**Instabus bus coupler 0570 00 → Page 350.**

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

Order no.	Packing unit	PS
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**Presence detector**



pure white	<b>0319 02</b>	1	06
colour aluminium	<b>0319 04</b>	1	06
Bus coupler	<b>0570 00</b>	1/5	06

The Standard presence detector is used to monitor the presence of persons (operating mode: presence detector) and for movement detection (operating mode: ceiling observer) in indoor rooms. 2 output channels are available in these two operating modes. It is not possible to switch over between the operating modes following programming. The Standard presence detector can be used as an **individual device** and is plugged into a flush-mounted bus coupler. It is attached exclusively to the room ceiling and monitors an area located beneath it. With the included clip-on screen sources of interference are blocked by limiting the detection area.

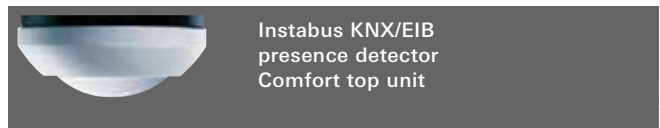
Features which can be set via software:

- Free assignment of the functions switching, dimming value transmitter or light scene auxiliary unit to the 2 outputs possible
- Potentiometers for dusk stage and additional transmission delay act on an output which can be configured
- Cyclic transmission can be set during detection
- Message at the beginning and end of a detection stage
- Lock time after message triggering can be set
- Message delay at the beginning of a detection can be configured
- Object for storing the current brightness value (teach-in object)
- Alarm message after removal of the flush-mounted bus interface (1 bit/1 byte)
- Block function can be configured for the beginning and end of blocking
- Behaviour when the bus voltage returns can be configured separately for each output

Power supply:	via bus coupler
angle of detection:	360°
Nominal range	
desk height:	Ø5 m
Nominal range	
floor:	Ø8 m
Installation height for nominal range:	2,5 m
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	Ø x H 103 x 43 mm

**Instabus bus coupler 0570 00 → Page 350.**  
**Surface-mounted housing for presence detector 0086 02/04 → Page 334.**

Order no.	Packing unit	PS
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pure white	<b>0304 02</b>	1	06
colour aluminium	<b>0304 04</b>	1	06
Bus coupler	<b>0570 00</b>	1/5	06

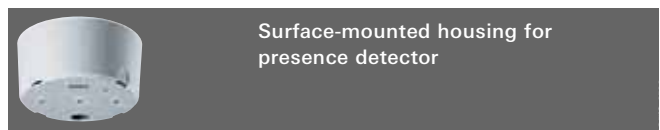
The Comfort presence detector is used to monitor the presence of persons (operating mode: presence detector), for movement detection (operating mode: ceiling observer) and for monitoring with messages (operating mode: message operation) in indoor rooms. 4 output channels are available in these three operating modes. The operating modes presence detector, ceiling observer and message operation are set with the ETS software or with an operating mode switchover via an object in ongoing operation.

The Comfort presence detector can be used as an individual device, as a main or auxiliary unit and is attached to a flush-mounted bus coupler. It is attached exclusively to the room ceiling and monitors an area located beneath it. With the included clip-on screen sources of interference are blocked by limiting the detection area. Properties which can be adjusted with software:

- Can be set as individual device, main unit, auxiliary unit
- Free assignment of the functions switching, dimming value transmitter, light scene auxiliary unit and signalling to the 4 outputs possible
- Output 1 can also be assigned the functions temperature value transmitter or brightness value transmitter
- Switching over between 2 operating modes which are independent of each other with 2 outputs each possible
- Potentiometers for dusk stage and additional transmission delay act on an output which can be configured
- Cyclic transmission can be set during detection
- Message at the beginning and end of a detection stage
- Lock time after message triggering can be set
- Message delay at the beginning of a detection can be configured
- Object for storing the current brightness value (teach-in object)
- Alarm message after removal of the flush-mounted bus coupler (1 bit/1 byte)
- Block function can be configured for the beginning and end of blocking
- Behaviour when the bus voltage returns can be configured separately for each output

Power supply:	via bus coupler
angle of detection:	360°
Nominal range	
desk height:	Ø5 m
Nominal range floor:	Ø8 m
Installation height for nominal range:	2,5 m
Ambient temperature:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	Ø x H 103 x 43 mm

**Instabus bus coupler 0570 00 → Page 350.**  
**Surface-mounted housing for presence detector 0086 02/04 → Page 334.**



pure white	<b>0086 02</b>	1	01
colour aluminium	<b>0086 04</b>	1	11

For ceiling attachment.  
 Single or multi-point attachment possible.  
 Dimensions: Ø x H 103 x 45 mm

**Instabus presence detector Standard top unit 0319 .. → Page 334.**  
**Instabus presence detector comfort top unit 0304 .. → Page 334.**

Order no.	Packing unit	PS
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## Info display 2 with disassembly safeguard



Instabus KNX/EIB  
info display 2  
with disassembly safeguard

**System 55**

cream white glossy	<b>0510 01</b>	1/5	06
pure white glossy	<b>0510 03</b>	1/5	06
pure white matt	<b>0510 27</b>	1/5	06
anthracite	<b>0510 28</b>	1/5	06
colour aluminium	<b>0510 26</b>	1/5	06

**E22**

Stainless steel	<b>0510 20</b>	1/5	06
Aluminium	<b>0510 203</b>	1/5	06
pure white glossy	<b>0510 03</b>	1/5	06

**F100**

cream white glossy	<b>0510 111</b>	1/5	06
pure white glossy	<b>0510 112</b>	1/5	06

Bus coupler	<b>0570 00</b>	1/5	06
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The info display 2 receives telegrams and offers the option of presenting (LCD display) freely-programmable texts and values. Up to 12 pages with 1, 2 or 4 lines of text can be programmed. A function (switching, dimming, value display etc.) can be assigned to each line. Up to 12 alarm messages can be managed on an additional alarm page. An acoustic and/or visual alarm function can be assigned to an alarm message.

The 4 buttons are used for scrolling up and down, acknowledging messages or sending telegrams, depending on the configuration. Programming of the device is performed with the info display software 2 in conjunction with the ETS 2 from **version 1.2a**.

**Product family:** Displays

**Product type:** LCDs

The LCD info display is attached to a flush-mounted bus coupler.

Features which can be set via software:

- Programming via a software tool called up via the ETS 2 (**from ETS 2 version 1.2a**).
- Backlighting On, Off, when button is pressed, via switching object
- Alarm triggered if pulled off
- Side for alarm control unit
- Alarm signal, alarm side
- Switching, dimming, blind, value, light scene auxiliary unit
- Reception and display of date (EIS 4) and time (EIS 3) telegrams
- Display of object status, a restraint or a continuous regulator

Display:	Illuminated LCD 4 lines (16 characters) or 2 lines (8 characters) or 1 line (4 characters)
Text memory:	max. 12 pages, each with 4 lines, 16 characters per line
Signal transmitter:	2 Signal tones (approx. 512 / 2048 Hz) Can be acknowledged
Connection:	2 x 5-pole plug connector
Ambient temperature:	0 °C to +45 °C
Protection type:	IP 20

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

**Info display software 2 at [www.gira.de](http://www.gira.de)**

**Instabus bus coupler 0570 00 → Page 350.**

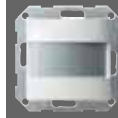
**Continuous regulator 2100 .. → Page 329.**

**Instabus analogue sensor interface, 4-gang 1021 00 → Page 358.**

**Instabus weather station Comfort 1010 00 → Page 359.**

Order no.	Packing unit	PS
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## Instabus IR transformer



Instabus KNX/EIB  
IR transformer  
including bus coupler 2

**System 55**

cream white glossy	<b>0588 01</b>	1	06
pure white glossy	<b>0588 03</b>	1	06
pure white matt	<b>0588 27</b>	1	06
anthracite	<b>0588 28</b>	1	06
colour aluminium	<b>0588 26</b>	1	06

**E22**

Stainless steel (lacquered)	<b>0588 20</b>	1	06
Aluminium (lacquered)	<b>0588 203</b>	1	06
pure white glossy	<b>0588 03</b>	1	06

**F100**

cream white glossy	<b>0588 111</b>	1	06
pure white glossy	<b>0588 112</b>	1	06

**Functional description → Page 346.**

With extensive display and configuration options, the Gira SmartSensor combines the functionality of a continuous heater regulator with the switching, dimming and control functions of a push button sensor, and can therefore be used as a monitoring and operating unit for several rooms for the Gira Instabus KNX/EIB system.

### Advantages

#### Gira SmartSensor

large illuminated display for optimal operation even in the dark

large range of functions can be clearly operated

functionality can be expanded with software updates

integrated room temperature controller

### Design

Ingenhoven and Partner  
Architects Designers/  
Gira Designteam,  
Radevormwald

### Design awards

red dot award 2004,  
Design Zentrum NRW



Gira SmartSensor,  
colour aluminium



## Gira Instabus KNX/EIB system Interface devices

Various interface devices are available for the Gira Instabus KNX/EIB system that enable convenient control of the building technology.

Gira InfoTerminal Touch

- 1 White glass/Aluminium
- 2 Mint glass/Aluminium



1



2

As a compact central switching unit, the Gira InfoTerminal Touch from the Instabus KNX/EIB system quickly and simply provides the intelligent electrical installation with information on the status of the entire house technology. It is especially convenient to use thanks to its 5.7" TFT touch display. By touching the screen, functions such as switching, dimming and blind control can be executed, light scenes can be saved and called up and a variety of bus functions can be linked with ease.

### Advantages

**Gira InfoTerminal Touch**  
convenient direct operation via 5.7" colour touch display

configurable standard functions like switching, dimming, blinds and display of measured values

freely definable user menu; up to 50 pages with 8 lines each or 25 pages with 16 lines can be programmed

contains password protection and time clock function

available in the design versions black glass, mint glass and white glass in aluminium cover frame

can be installed both horizontally and vertically

### Design

Phoenix Design, Stuttgart

### Design awards

red dot award 2007  
Design Zentrum NRW

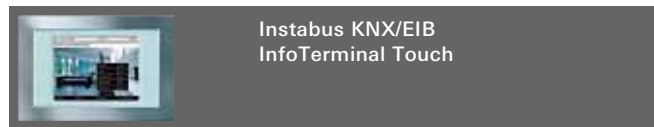
Plus X Award 2007



Gira InfoTerminal Touch  
black glass/aluminium

Order no.	Packing unit	PS
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## Gira InfoTerminal Touch

Instabus KNX/EIB  
InfoTerminal Touch

Glass mint/aluminium	<b>2071 18</b>	1	06
Glass white/aluminium	<b>2071 12</b>	1	06
Glass black/aluminium	<b>2071 05</b>	1	06

The Gira InfoTerminal Touch with cover frame of real materials (glass, aluminium) is equipped with a 5.7 " TFT touch display with a resolution of 320 x 240 pixels. The device can be installed horizontally and vertically; this must be set at the start of configuration.

The configuration of the Gira InfoTerminal Touch is carried out via a configuration software integrated in the ETS. A preview function simplifies configuration.

The page layout is freely definable. Operating and display elements can be positioned on the display as desired.

Colour pictures (jpg, bmp) can be added to the interface as background pictures. In addition, the switching status can be shown for each symbol.

The configuration is carried out via the USB interface accessible from the front (remove design cover plate, device need not be removed) or the changes in the configuration via the KNX/EIB.

Function overview:

- TFT touch display with 320 x 240 pixels, 5.7 "
- Max. 50 pages with a maximum of 8 operating and display elements or 25 pages with a maximum of 16 operating and display elements
- Background pictures (jpg, bmp)
- Status symbols
- Freely programmable user menu
- Password protection
- Switching, dimming, blind as well as the display of measured values can be confirmed
- Light scene function with auxiliary unit operation
- Saving and calling up of 24 light scenes with up to 32 outputs (1 bit or 1 byte)
- Limit-value calculation
- Alarm functions via pop-up functions or via acoustic signal
- An internal real-time clock is available for time functions
- Date and time can be received from a system clock and transmitted by the internal clock
- 16-channel time-switch function (weekly program)
- Extensive logic functions, e.g. timers, multiplexers, logic gates

Power supply: 230 V AC, 50/60 Hz  
 Connections: Supply voltage (L, N) via screw terminals up to 2.5 mm<sup>2</sup>  
 Instabus via connection and branch terminal **0595 00**

Ambient temperature: -5 °C to +45 °C  
 Protection type: IP 20

**Installation housing 0639 00 → Page 338.**

Order no.	Packing unit	PS
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Installation housing

<b>0639 00</b>	1	06
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Flush-mounted installation housing for the installation of the info terminal and info terminal touch. Also suitable for installation in hollow walls.

Dimensions: W x H x D 212 x 124 x 75 mm

**Instabus info terminal 0929 00**

**Instabus info terminal touch 2071 .. → Page 338.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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### Gira SmartSensor



Order no.	Packing unit	PS
pure white	1246 661	1 06
anthracite	1246 671	1 06
colour aluminium	1246 651	1 06

The Gira SmartSensor represents a flexible operating unit for an Instabus-based network. It combines functions of a push button sensor, a room temperature controller and an info display. The SmartSensor is equipped with a display, an operating button and four rockers. Turning the operating button navigates through the various functions shown on the display. The menu and function selection is confirmed by gently pressing on the operating button. The 4 rockers can be used directly to actuate frequently used functions.

#### General information

- EIB-based operating device configurable via the ETS2 Version 1.3 and ETS3 Professional for the convenient operation and display of room functions
- White back-lit graphics-capable LC display, 4 lines with 22 characters each
- Display texts freely selectable
- Integration of graphics, e.g. company logos, on display level 0
- Display of ASCII texts transmitted via the Instabus EIB
- 4 rockers with 2 buttons each for calling up room functions including integrated status display (orange LED per button)
- Integrated room temperature sensor and controller
- Master function: If the SmartSensor is in the Standby mode, a room function (switching, value transmitter) can be triggered by pressing the operating button
- Various symbols for temperature and fan control are integrated
- Password protection is possible
- 12 alarm messages can be output and supported with an acoustic signal
- The tone and volume of 3 different acoustic signals can be set to distinguish signals or alarms
- Display and support of 2 languages; switchover is carried out via a communication object or directly on the SmartSensor
- Dynamic memory management
- Flush-mounted installation in a common 2-gang box
- Power supply AC/DC 24 V or DC 30 V (e.g. via the two wire pairs of the EIB cable)
- 113 group addresses and 200 communication connections can be edited
- The corresponding flush-mounted 2-gang bus coupler EIB is included in the delivery

#### Software settings

- Alarm message after removal of the flush-mounted 2-gang bus coupler (1 bit or 1 byte telegram)
- Free allocation of the functions switching/pressing, dimming, blind, value transmitter/light scene auxiliary unit and room temperature controller operation
- Lighted operating button can be controlled via object
- Blocker for blocking individual buttons or rockers
- Contrast adjustable via object
- Switching/pressing function (ON, OFF, SW, no function)
- Dimming with stop telegram and telegram repetition possible
- Single-surface operation for rocker functions (switching/pressing, dimming) possible
- Blind press function (UP/DOWN) and operating concept (STEP - MOVE - STEP or MOVE - STEP) can be set

- Press functions of value transmitter EIS 6 (1 byte) or light scene execution with/without memory function
- Operating modes: heating, cooling or heating and cooling
- Controller can be de-activated (dew-point operation) or controller or operation of the controller can be blocked
- Valve protection function (valve is opened cyclically every 24 hours)
- Control types: Continuous PI control, switching PI control (PWM) and switching 2-point control (on/off)
- Temperature detection via an internal and/or external sensor (average value calculation for large areas)
- Correcting variable objects can be inverted if necessary
- Message objects for heating and cooling
- Object for controller status
- Preset control parameters for common radiators/cooling units
- Separate window contact object
- Integrated scene memory for 8 scenes with a maximum of 12 outputs. The functions switching, value transmitter and blind are supported. The scenes can be set and changed on the SmartSensor by the user. Each scene can also be called up via a 1 bit object.
- Menu structures on 2 levels. 12 lines can be integrated per level (12 x 12 = 144 lines)
- Password can be changed via object
- Password protection can be deactivated via object
- A maximum of 4 logical connecting blocks (AND, OR, EXOR) can be configured. A maximum of 8 inputs and 1 output are available for a logic gate.

Can be lit in accordance with the workplace ordinance.

Operating voltage:	AC/DC 24 V or DC 30 V, e.g. non-choked output of Instabus power supply
Connections:	Instabus via connection and branch terminal <b>0595 00</b>
Protection type:	IP 20
Dimensions:	without operating button: W x H x D 93 x 170 x 17 mm with operating button: W x H x D 93 x 170 x 30 mm
Installation boxes, flush-mounted:	2-gang device junction box Kaiser Order No. <b>1656-02</b>
Hollow wall:	2-gang device junction box Kaiser Order No. <b>9062-02</b> Kaiser Order No. <b>9062-77</b> (halogen-free)
Concrete:	B2 universal box Spelsberg Order No. <b>974,002 01</b> plus 2x installation bridge Spelsberg Order No. <b>974,120 01</b> plus 4x screws Spelsberg Order No. <b>974 130 01</b>

**Instabus connection and branch terminal 0595 00 → Page 377.**  
**Instabus power supply 1086 00, 1087 00 → Page 354.**

On the basis of two established standards the Gira servers connect the Instabus KNX/EIB system with the Intranet and Internet via TCP/IP. As a result, both monitoring and operation of the building technology and teleservice is possible at any time and everywhere from internal and external locations. This offers the users more flexibility, more mobility and more security.

The Gira HomeServer 3 is the ideal addition for an Instabus KNX/EIB system. The device provides all functions useful for a building, e.g. light scenes, time-switch functions or the automatic occupied-house simulation. A visualisation or logical links required for the operation of the system can also be provided.

**Advantages of Gira HomeServer 3**

no additional software required for controlling

simple operation by means of graphic user interface or menu guidance

teleservice is possible for fast changes to the HomeServer 3, and the KNX/EIB system can also be parameterised remotely

can be updated at any time by means of a software update

integration of other system, e.g. telephone systems from Agfeo, the multiroom system from Revox or other web-based systems is possible

low current consumption and absolutely silent operation

The Gira FacilityServer offers sophisticated solutions for centralised control of the all of the building technology and is specially designed for the stringent demands of the commercial sector. It can be used to monitor, operate and program the entire Instabus installation and to link all the parts of a building to one another. In addition, it serves as a gateway for other facility systems, to which it provides consumption and operating data.

**Advantages of Gira FacilityServer**

highly efficient facility management with the Instabus KNX/EIB system

interconnection of the facilities and functions via the local network or via the Internet

configuration is carried out via the Gira Facility Expert commissioning software

the connected functions are operated via standard software such as Internet browsers or additional software clients

visualisation of the building and function structure

investment protection through extensions and software updates

low current consumption

can be installed in 19" built-in cabinets

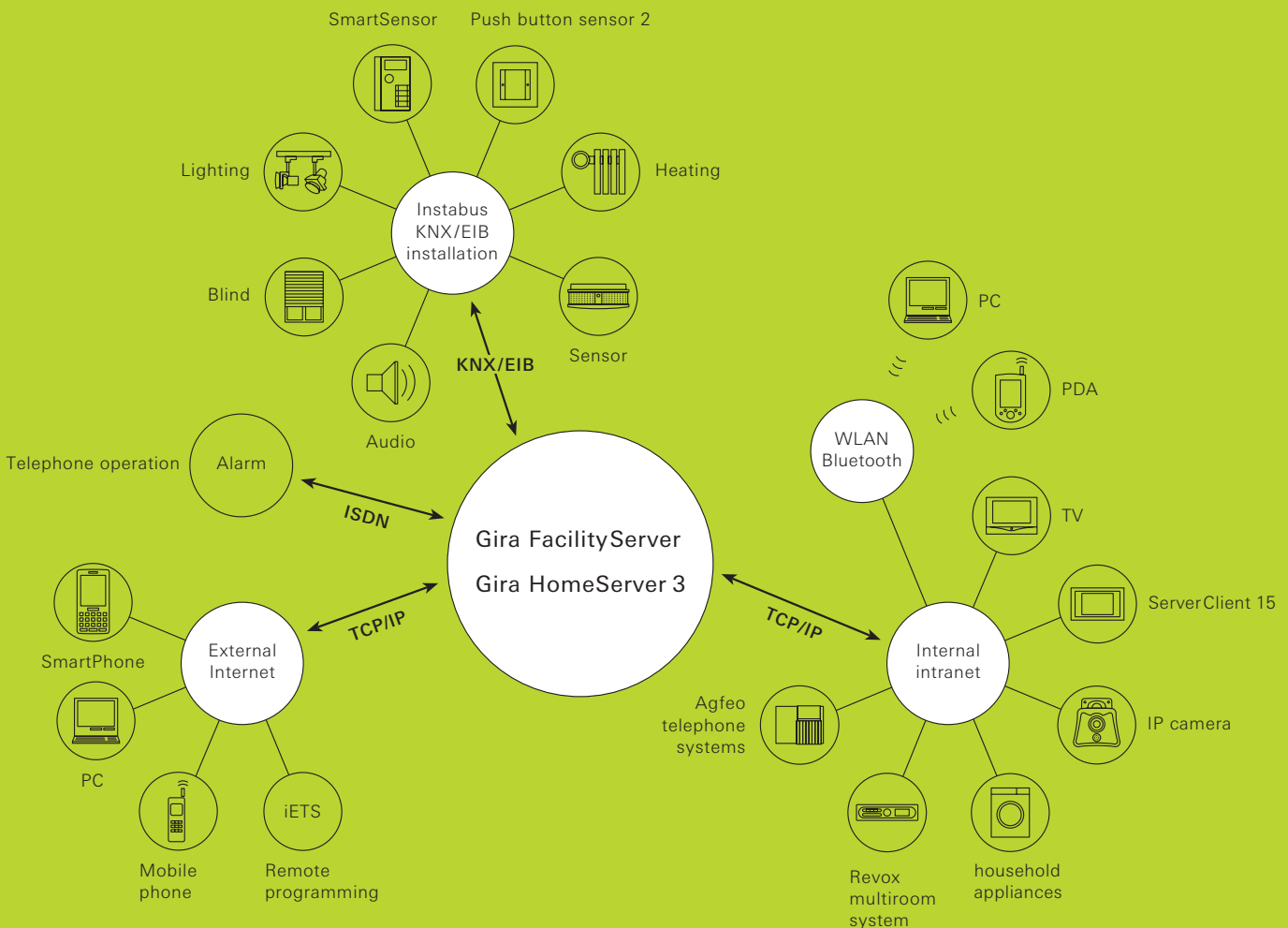
- 1 Gira FacilityServer with 19" insert
- 2 Gira HomeServer 3



1



2



# Gira Instabus KNX/EIB System

## FacilityServer, HomeServer 3, ServerClient 15

The ServerClient 15 offers quick and functional access to the Gira HomeServer 3 or the Gira FacilityServer and thus functions as the central monitoring and control unit for the all of the building technology. All functions and services of the Gira Server can be used with the ServerClient 15. Operation is conveniently carried out directly via the 15" colour touch display.

The Gira ServerClient 15 is a cooperative effort by the Gira and Pro-face companies. The Pro-face company is responsible for the technology; they supply the touch PC and offer technical support. For additional information, go to [www.pro-face.com](http://www.pro-face.com)

The design elements (mounting frame and design plate) and a flush-mounted box are available from Gira. The design elements contain two loudspeakers and a temperature-controlled fan.

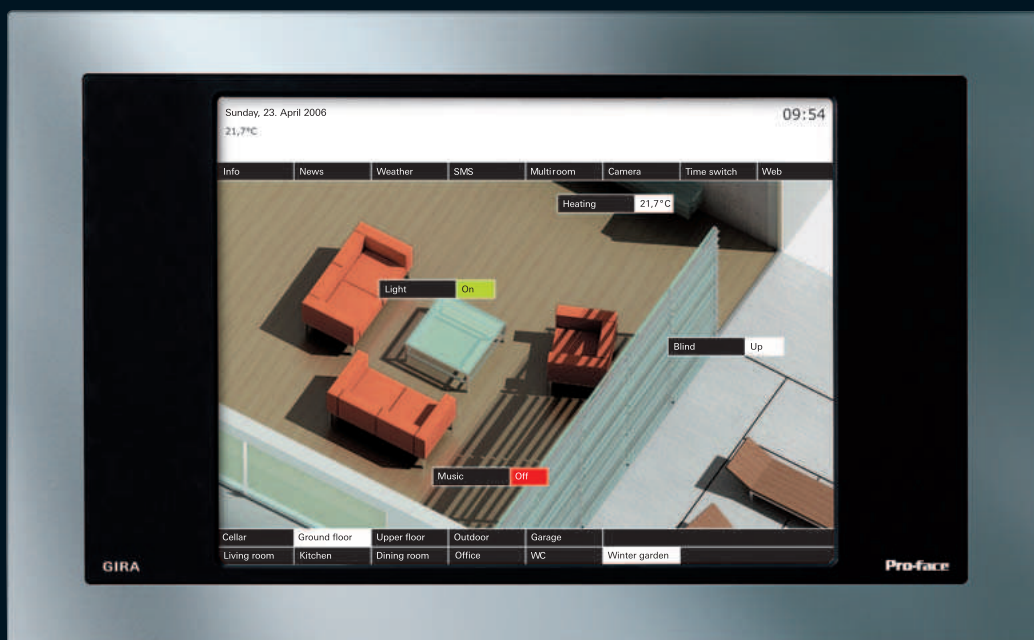
### Advantages Gira/Pro-face ServerClient 15

convenient, direct operation via colour touch display

in combination with HomeServer 3 or FacilityServer Room overview on the display with buttons which can be positioned as desired as well as simultaneous display of several pictures from the IR cameras connected to the network is possible

the integrated web browser can be used to surf the Internet and, for example, access useful online services

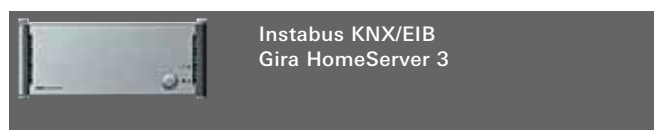
play-back of video and audio applications like web radio is possible with installed loudspeakers Additional software can be installed, for example, the Revox M233 Software for Windows™ for operation of the Revox multiroom system



Gira/Pro-face ServerClient 15, glass black/aluminium

Order no.	Packing unit	PS
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## Gira HomeServer 3

Instabus KNX/EIB  
Gira HomeServer 3

Gira HomeServer 3	<b>0529 00</b>	1	05
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**Data interface**

cream white glossy	<b>0504 01</b>	1	06
pure white glossy	<b>0504 03</b>	1	06
pure white matt	<b>0504 27</b>	1	06
anthracite	<b>0504 28</b>	1	06
colour aluminium	<b>0504 26</b>	1	06

Bus coupler 2	<b>0645 00</b>	1/5	06
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Gateway for the Instabus KNX/EIB installation, primarily matched to the needs of buildings in the private sector. This turns the Gira HomeServer 3 into an on-board computer that assumes the networking of modern buildings and their technical equipment internally and with the outside world.

Operation is carried out via state-of-the-art communication media. In addition to a PC, access can also be carried out via other Internet-capable devices connected to a LAN, an in-house WLAN or the Internet. As a result, the Instabus KNX/EIB functions can be controlled and regulated anywhere: The Gira SmartSensor, Gira SmartTerminal and ServerClient 15 are also suitable as comfortable operating devices for the Gira HomeServer 3.

Due to the software architecture, the HomeServer is protected against attacks from the Internet. The high security standard is supplemented, among other things, by an authentication system in which a telephone number, user name and PIN are requested. The different security levels can be individually configured depending on the access environment. The Gira HomeServer 3 contains the full range of functions of the previous HomeServer 2 Net.

**Some other functions:**

- Can be updated.
- Management of 200 users. Multiple login possible under one user name.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hour meters, fill levels). Graphic display.
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of own pictures and menu structures per user group.
- Evaluation of IP cameras, e.g. from Mobotix: Recording of pictures and display in visualisation. Forwarding of the picture data via e-mail and FTP. In the process, country-specific requirements must be taken into account, especially protocol-specific information and standards in the communication sector (e.g. ISDN, SMS etc.).
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up light scenes.
- Time delay switches, week programme, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by SMS and e-mail. Acknowledgement via EIB or phone.
- Switching via phone call.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Sending of ASCII texts to the info display 2.
- IP coupling with products of other manufacturers that generate or process IP telegrams for control.
- Low-wearing, as no moving parts such as fan or hard disk.
- Graphic logic editor: Allows, for example, copying of module groups across projects, creating of any number of work sheets. More than 80 logic blocks.
- Importing and exporting of global libraries.
- Communication objects: Data transfer from ETS by means of OPC file. Importing and exporting of communication objects as a CSV file.

Order no.	Packing unit	PS
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- Universal time clock: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With astro and random function.
- Data backup/restoring of retentive data.
- 14-byte EIB texts: Evaluation through comparison with text string. Use in SMS, e-mails or status page.
- Receipt of IP messages: Specification of an address range, extraction of 14-byte EIB texts, allocation to 14-byte EIB texts.
- SNMP: Reading out numeric and 14-byte EIB texts. Setting numeric and integer values and texts. Transmitting SNMP traps via HomeServer command. Optional ColdStart trap when starting HomeServer.
- Operation/status display via Agfeo telephone system.
- Bus access also via EIBnet/IP protocol.
- Evaluation of web-based IP devices (reading/writing).
- iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. HomeServer continues to run without restriction during programming via iETS. Switching processes continue to be carried out. Process image remains current.
- Additional information: [www.gira.de/homeserver](http://www.gira.de/homeserver)
- Technical information may vary or change depending on version.

**System requirements for operating devices:**

Internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS and Dynamic HTML. With WAP, WAP standard 1.1 is supported, however not all functions, e.g. universal time clock, can be operated.

**Connection options:**

- 1 serial interface.
- 1 RJ 45 network connection, 10/100 Mbit Ethernet
- On the Instabus system via flush-mounted bus coupler 2 **0645 00**, FT 1.2 data interface **0504 ..**, IP router **1030 00**.
- ISDN modem integrated (1 x EURO-ISDN-S0 RJ45 for direct connection to the NTBA or S0 of the phone system).

**Software commissioning:**

- HomeServer Expert for operating systems from Windows XP™ including Internet Explorer from Version 6.0.
- Adoption of the ETS group addresses from ETS 2 and ETS 3.
- Inclusion of graphics programs.

**Scope of supply:**

- Power supply unit with connection cable, ISDN connection cable, null modem cable, brief instructions, HomeServer 3.


Protection type:	IP 20
Operating temperature:	0 °C to +40 °C
Power consumption:	approx. 15 W
Dimensions:	W x H x D 215 x 88 x 270 mm

**Data interface FT1.2 0504 .. → Page 328.**

**Bus coupler 2, 0645 00 → Page 350.**

**RS 232 connection line 0906 00 → Page 356.**

**UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 290.**

	Order no.	Packing unit	PS
<b>Gira FacilityServer</b>			
			

Gira FacilityServer	<b>2075 00</b>	1	05
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**Data interface**

cream white glossy	<b>0504 01</b>	1	06
pure white glossy	<b>0504 03</b>	1	06
pure white matt	<b>0504 27</b>	1	06
anthracite	<b>0504 28</b>	1	06
colour aluminium	<b>0504 26</b>	1	06

Bus coupler 2	<b>0645 00</b>	1/5	06
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Gateway for the Instabus KNX/EIB installation, especially matched to the demanding requirements in the commercial sector. With the Gira FacilityServer, systems and building functions can be networked intelligently with each other and the entire Instabus KNX/EIB installation can be monitored, controlled and programmed centrally from the PC.

Access and monitoring of the building and system technology from outside is also possible by connecting the Gira FacilityServer to the Internet. The Gira FacilityServer also serves as a data server for higher-level facility management systems, to which it provides stored consumption and operating data for evaluation.

The Gira FacilityServer offers the complete functional range of the Gira HomeServer, however is equipped with considerably more memory for its use in the commercial sector. This enables considerably larger amounts of data to be stored and more complex, more extensive visualisations to be created. Several Gira FacilityServer can be networked in order to also interconnect buildings that are separated from each other: Local and higher-level applications can be combined. Due to the software architecture, the FacilityServer is protected against attacks from the Internet. The high security standard is supplemented, among other things, by an authentication system in which a telephone number, user name and PIN are requested. The different security levels can be individually configured depending on the access environment.

**Some other functions:**

- Can be updated.
- Installation in 19" rack. For this purpose the scope of supply includes a 19" insert unit with an aluminium plate. Can also be used as a stand-alone device.
- Management of 200 users. Multiple login possible under one user name.
- Cyclic/triggered data recording (for example, temperature courses, elapsed-hour meters, fill levels). Graphic display.
- Graphic user interface: Visualisation of building and device states with freely positionable icons and texts. Saving of own pictures and menu structures per user group.
- Evaluation of IP cameras, e.g. from Mobotix: Recording of pictures and display in visualisation. Forwarding of the picture data via e-mail and FTP. In the process, country-specific requirements must be taken into account, especially protocol-specific information and standards in the communication sector (e.g. ISDN, SMS etc.).
- Exporting of data or alarm records in the Excel™, CSV, HTML or XML file formats.
- Mathematical functions (e.g. basic operations).
- Storing and calling up light scenes.
- Time delay switches, week programme, public holiday calendar.
- Fault messages, measured values and sensor or actuator states can be transmitted by SMS and e-mail. Acknowledgement via EIB or phone.
- Switching via phone call.
- Self-teaching occupied-home simulation.
- Remote programming via network, Internet and data communications connections.
- Sending of ASCII texts to the info display 2.
- IP coupling with products of other manufacturers that generate or process IP telegrams for control.

	Order no.	Packing unit	PS
<ul style="list-style-type: none"> <li>· Low-wearing.</li> <li>· Graphic logic editor: Allows, for example, copying of module groups across projects, creating of any number of work sheets. More than 80 logic blocks.</li> <li>· Importing and exporting of global libraries.</li> <li>· Communication objects: Data transfer from ETS by means of OPC file. Importing and exporting of communication objects as a CSV file.</li> <li>· Universal time clock: Several switching points possible per clock. Use of placeholders in day, month, year. Activation/deactivation via communication object. With astro and random function.</li> <li>· Data backup/restoring of retentive data.</li> <li>· 14-byte EIB texts: Evaluation through comparison with text string. Use in SMS, e-mails or status page.</li> <li>· Receipt of IP messages: Specification of an address range, extraction of 14-byte EIB texts, allocation to 14-byte EIB texts.</li> <li>· SNMP: Reading out numeric and 14-byte EIB texts. Setting numeric and integer values and texts. Transmitting SNMP traps via FacilityServer command. Optional ColdStart trap when starting FacilityServer.</li> <li>· Operation/status display via Agfeo telephone system.</li> <li>· Bus access also via EIBnet/IP protocol.</li> <li>· Evaluation of web-based IP devices (reading/writing).</li> <li>· iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. FacilityServer continues to run without restriction during programming via iETS. Switching processes continue to be carried out. Process image remains current.</li> <li>· Additional information: <a href="http://www.gira.de/facilityserver">www.gira.de/facilityserver</a></li> <li>· Technical information may vary or change depending on version.</li> </ul>			

- Operation/status display via Agfeo telephone system.
- Bus access also via EIBnet/IP protocol.
- Evaluation of web-based IP devices (reading/writing).
- iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. FacilityServer continues to run without restriction during programming via iETS. Switching processes continue to be carried out. Process image remains current.
- Additional information: [www.gira.de/facilityserver](http://www.gira.de/facilityserver)
- Technical information may vary or change depending on version.

· Operation/status display via Agfeo telephone system.

· Bus access also via EIBnet/IP protocol.

· Evaluation of web-based IP devices (reading/writing).

· iETS server: Remote programming of EIB systems (secure operation ensured). Enabling iETS function via communication object. FacilityServer continues to run without restriction during programming via iETS. Switching processes continue to be carried out. Process image remains current.

· Additional information: [www.gira.de/facilityserver](http://www.gira.de/facilityserver)

· Technical information may vary or change depending on version.

**Scope of supply:**

- Gira FacilityServer with temperature-controlled fan in 19" insert with aluminium plate
- Power supply unit with connection cable
- ISDN connection cable
- Null modem cable
- Brief instructions for commissioning

**System requirements for operating devices:**

The Internet browser of possible operating devices must support at least HTML 4.0, Java Script 1.1, CSS and Dynamic HTML. With WAP, the WAP standard 1.1 is supported, however not all functions, e.g. universal time clock, can be operated.

**Connection options:**

- 1 serial interface
- 1 RJ45 network connection, 10/100 Mbit Ethernet
- On the Instabus system via flush-mounted bus coupler 2 **0645 00**, FT 1.2 data interface **0504 ..**, IP router **1030 00**.
- ISDN modem integrated (1 x EURO-ISDN-S0 RJ45 for connection to NTBA or S0 of the phone system)

**Commissioning software:**

- FacilityServer Expert for operating systems from Windows XP™ including Internet Explorer from Version 6.0.
- Adoption of the ETS group addresses from ETS 2 and ETS 3.
- Inclusion of graphics programs.

Protection type:	IP 20
Operating temperature:	0 °C to +45 °C
Power consumption:	approx. 15 W
Dimensions:	W x H x D 483 x 88 x 270 mm

**Data interface FT1.2 0504 .. → Page 328.**

**Bus coupler 2, 0645 00 → Page 350.**

**RS 232 connection line 0906 00 → Page 356.**

**UAE/IAE (ISDN) connection boxes 0179 00, 0186 00, 0187 00, 0188 00, 0189 00, 0190 00 → Page 290.**

Order no.	Packing unit	PS
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### Gira/Pro-face ServerClient 15



Gira/Pro-face  
ServerClient 15  
Design cover plate

Glass mint/aluminium	<b>2077 18</b>	1	05
Glass white/aluminium	<b>2077 12</b>	1	05
Glass black/aluminium	<b>2077 05</b>	1	05

The ServerClient 15 is a cooperative effort by Gira and Pro-face. Pro-face is responsible for the technology and supplies the Touch PC. The design elements (mounting frame and design plate) and a flush-mounted box are available from Gira.

The ServerClient 15 enables quick access to the Gira HomeServer or the Gira FacilityServer, and therefore functions as the central monitoring and control unit for all of the building technology. All functions and services of the Gira Server can be utilised.

The flush-mounted box is provided with the mounting frame for the Touch PC and design plate, which contains two loudspeakers and a temperature-controlled fan.

Operation is conveniently carried out via a 15" colour touch display with a resolution of 1024 x 768 pixels and a colour intensity of 24 bits. The touch surface is based on an analogue-resistive process. Windows XP embedded serves as the operating system.

The touch PC can be ordered from Pro-face under the Article No. **PS3711A-T41-512-XPEMB-ML**.

#### Attention:

The delivery time from Pro-face may be up to 14 days for the touch PC.

For additional information on the Pro-face touch PC and queries on technical details, please contact:

Pro-face Deutschland GmbH  
Albertus-Magnus-Straße 11  
42719 Solingen  
Phone: +49 (0) 2 12 / 25 82 6-0  
Fax: + 49 (0) 2 12 / 25 82 6-40  
Internet: www.pro-face.de

#### Note:

The power supply unit **0535 00** can be used to operate the ServerClient 15. The device is operated with a 24 V power supply. It is advisable to install the power supply unit in the sub-distribution unit and route a separate supply cable into the flush-mounted box **2076 00**.

**Flush-mounted box 2076 00 → Page 344.**

**Power supply unit 0535 00 → Page 344.**

Order no.	Packing unit	PS
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Flush-mounted box for Gira/Pro-face  
ServerClient 15

Flush-mounted	<b>2076 00</b>	1	05
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Panel box for the flush-mounted installation of the Gira/Pro-face ServerClient 15.

Installation dimensions:

- Octagonal cut-out with W x H x D of 528 x 312 x 80 mm, whereby a 46 x 46 mm triangle must be left in the corners.  
46 mm + 436 mm + 46 mm = 528 mm  
46 mm + 220 mm + 46 mm = 312 mm

An installation template is included with the product.

**Gira/Pro-face ServerClient 15 2077 .. → Page 344.**



Power supply unit 24 V DC/5 A

DRA	<b>0535 00</b>	1	06
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Stabilised and short-circuit-proof switched mode power supply for installation on a top-hat rail.

Voltage/max. current: 24 V DC/5 A

Dimensions: L x W x D 140 x 93 x 67 mm

**Gira/Pro-face ServerClient 15 2077 .. → Page 344.**



Order no.	Packing unit	PS
<b>Info terminal</b>		
	<b>Instabus KNX/EIB info terminal</b>	
<b>0929 00</b>	1	06

Signalling and operating panel for checking current building states and for influencing functions from a central location. The info terminal consists of a graphics display on which up to 8 lines can be displayed simultaneously and a plastic foil keyboard with 7 buttons (four freely programmable entry buttons, two buttons for navigation and an illumination button). Operation is carried out interactively via the plastic foil keyboard.

- Graphic display with 240 x 128 pixels
- Max. 50 pages with max. 8 lines
- Background pictures (bitmaps) can be inserted
- Clear display of various applications
- Freely programmable user menu
- Detailed functions can be operated and displayed via submenus
- Password protection
- Standard functions such as switching, dimming, blind as well as the display of measured values can be confirmed
- Light scene function with auxiliary unit operation
- Saving and calling up of 24 light scenes with up to 32 outputs (1 bit or 1 byte)
- Limit-value calculation
- Alarm functions via pop-up functions or via acoustic signal
- An internal real-time clock is available for time functions
- Date and time can be received from a system clock and transmitted by the internal clock
- 16-channel time-switch function (weekly program)
- Linking of bus functions

Parameterisation is carried out via a software plug-in for the ETS2 or panel programming software. Group addresses are also applied. A preview image enables direct checking of the created display page.

Power supply: 230 V AC, 50/60 Hz  
 Connections: Supply voltage (L, N) via screw terminals up to 2.5 mm<sup>2</sup>  
 Instabus via connection and branch terminal **0595 00**

Ambient temperature: -5 °C to +45 °C  
 Protection type: IP 54

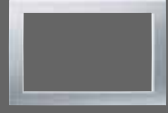
**Panel programming software available at [www.gira.de](http://www.gira.de)**  
**Installation housing 0639 00 → Page 345.**  
**Cover frame 0929 ... → Page 345.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
<b>Installation housing</b>		
		
<b>0639 00</b>	1	06

Flush-mounted installation housing for the installation of the info terminal and info terminal touch. Also suitable for installation in hollow walls.

Dimensions: W x H x D 212 x 124 x 75 mm

**Instabus info terminal 0929 00 → Page 345.**  
**Instabus info terminal touch 2071 .. → Page 338.**

	Order no.	Packing unit	PS
<b>Cover frame for info terminal</b>			
			
pure white matt	<b>0929 27</b>	1	06
anthracite	<b>0929 28</b>	1	06
colour aluminium	<b>0929 26</b>	1	06

Cover frame for the info terminal.  
**Instabus info terminal 0929 00 → Page 345.**

Order no.	Packing unit	PS
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## Gateway



Surface-mounted radio Instabus converter

pure white	<b>0868 00</b>	1	06
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**Product family:** Communication  
**Product type:** radio

The radio Instabus converter enables you to couple a radio bus installation with an Instabus installation. The radio telegrams are converted into corresponding Instabus telegrams. Up to 50 radio channels can be assigned.

Properties can be set using software via the ETS 2:

- Switching, toggling
- Dimming
- Blind
- Value transmitters
- Light scene and light scene auxiliary unit
- Automatic control switch
- Universal transmitter as switch

The operating voltage is provided solely by the Instabus. A 9 V battery (not included in scope of supply) is also required, but only for the assignment of radio bus transmitters.

**Please observe the planning information in the technical appendix.**

Connections: Instabus via connection and branch terminal **0595 00**

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Dimensions: W x H x D 110 x 94 x 38 mm

**Radio transmitter:**

**0412 00, 0511 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 ..** → Page 385.

**Instabus connection and branch terminal 0595 00** → Page 377.

Order no.	Packing unit	PS
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Instabus KNX/EIB IR transformer including bus coupler 2

**System 55**

cream white glossy	<b>0588 01</b>	1	06
pure white glossy	<b>0588 03</b>	1	06
pure white matt	<b>0588 27</b>	1	06
anthracite	<b>0588 28</b>	1	06
colour aluminium	<b>0588 26</b>	1	06

**E22**

Stainless steel (lacquered)	<b>0588 20</b>	1	06
Aluminium (lacquered)	<b>0588 203</b>	1	06
pure white glossy	<b>0588 03</b>	1	06

**F100**

cream white glossy	<b>0588 111</b>	1	06
pure white glossy	<b>0588 112</b>	1	06

The Instabus IR transformer is used to transmit and receive IR signals. The IR signals are converted into corresponding EIB telegrams or EIB telegrams into corresponding IR signals.

This enables the control of different devices (e.g. hifi, video, TV etc.) equipped with an IR receiver which operates in the frequency range from 20 - 70 kHz and supports the RC5 code.

- Transmits and receives IR signals
- Transmits and receives EIB signals
- Switch commands (ON/OFF) and data values can be transferred
- Integrated learn mode, i.e. compatible with almost all the IR remote controls
- How often the signal is transmitted repeatedly when pressed once can be set for each IR control signal
- The time span between the repetitions can be set
- reset function for all taught-in IR control signals
- the frequency 455 kHz (e.g. Bang & Olufsen) will be supported

**Scope of supply incl. bus coupler 2.**

IR range: approx. 10 m  
Ambient temperature: -5 °C to +45 °C  
Protection type: IP 20

**For integration in Stainless Steel Series 20, Series 21:  
Intermediate plate 55 x 55 mm 0289 20** → Page 97.

Order no.	Packing unit	PS	Order no.	Packing unit	PS
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Instabus KNX/EIB  
DALI gateway with manual actuation

DRA plus	<b>1060 00</b>	1	26
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**Product family:** Lighting  
**Product type:** Dimmer

The DALI gateway forms the interface between a KNX/EIB installation and a digital DALI lighting system. The DALI gateway enables switching and dimming of a maximum of 64 lights with a DALI operating device (e.g. electronic ballast).

The DALI light groups can be switched on and off or dimmed by means of manual operation on the device parallel to the KNX/EIB, even without bus voltage or in the unprogrammed state (broadcast of all connected DALI lights).

The ETS3.0d is recommended for configuring and commissioning the device. Installation on DIN cap rail. Functions:

- Control of a maximum of 64 DALI devices in a maximum of 32 groups.
- Manual actuation of the groups independent of the bus (including building site operation with broadcast control).
- Feedback of DALI error status or short-circuit and signalling of failure of the power supply.
- Feedback can be delayed until after the return of bus voltage
- Central switching function.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage
- Setting of brightness limits possible.
- Dimming behaviour can be parameterised.
- Soft switch-on or soft switch-off function.
- Block function or as an alternative forced setting function can be parameterised for each group. With block function flashing of light groups is possible.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion of the groups in up to 16 light scenes possible.
- Reactions in case of bus voltage failure and restoration can be set for each group following an ETS programming process.
- Replacement of a defective DALI device can be on device without software.

Operating voltage: AC 110 V to 240 V  
50/60 Hz

Connections: Instabus via connection and branch terminal **0595 00**  
DALI via screw terminals  
0.2 to 4 mm<sup>2</sup> single-wire  
2 x 0.2 to 2.5 mm<sup>2</sup> single-wire  
0.75 to 4 mm<sup>2</sup> fine-wire without core jacket  
0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Cable lengths between gateway and operating device:  
Ø 1.5 mm<sup>2</sup> max. 300 m  
Ø 1.0 mm<sup>2</sup> max. 238 m  
Ø 0.75 mm<sup>2</sup> max. 174 m  
Ø 0.5 mm<sup>2</sup> max. 116 m

Temperature range: -5 °C to +45 °C

Dimensions: DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

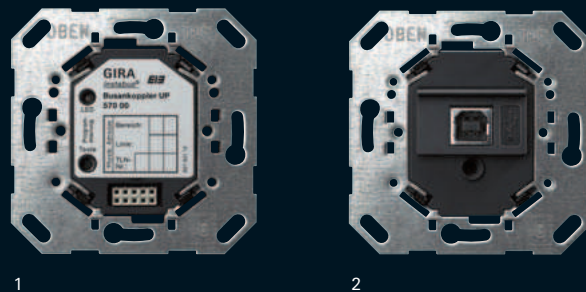
The Gira Instabus KNX/EIB System is an intelligent control system in which a bus cable is installed in addition to the 230 volt cable for the power supply of the devices. The Instabus devices use this bus cable to communicate with each other. The “who with whom” is achieved by programming the bus devices. To change functions, they are simply reprogrammed. With this flexibility and the high functionality of the devices, changes in use can be quickly configured at any time. The system is therefore suitable for all building types – from an owner-occupied flat to the commercial sector.

Sensors, automatic control switches or time delay switches transmit the switching commands to the system actuators. These convert the received commands into actions. They form the interface between the Instabus KNX/EIB system and the electrical devices.

With Gira DRA plus there is a new generation of DRA devices for the Instabus KNX/EIB system. It offers expanded functionality with harmonised applications, e.g. logical links, scenes, block functions, operating hours counters and time functions.

Instabus KNX/EIB weather station Standard Wind speed, precipitation, twilight, temperature and brightness can all be measured and evaluated with the new Instabus KNX/EIB weather station Standard. It is installed on the building outside, for example on the roof, and connected to the Instabus system. Two different limit values can be taught in. A teach-in function allows for adoption of a current measurement value as the limit value. If this value is reached, a signal to an Instabus actuator triggers the corresponding action, for example lowering a blind.

Instabus IR transformer complete with bus coupler 2



# Gira Instabus KNX/EIB system

System devices, DRA, sensors, actuators, accessories

## Advantages

Expanded functionality with harmonised applications, e.g. logical links, scenes, block functions, operating hours counters and time functions.

DRA actuators are uniformly equipped with a 16 ampere relay

Manual operation with DRA switching and blind actuators already functions in the un-programmed state or without bus voltage

C-load actuators feature integrated current measurement

With the ISO/IEC 145-43-3, the KNX/EIB bus technology is based on a common worldwide standard



Instabus KNX/EIB  
Weather station Standard



1  
Instabus bus coupler

2  
Instabus  
USB data interface

3  
DRA IP router

4  
DRA DALI gateway

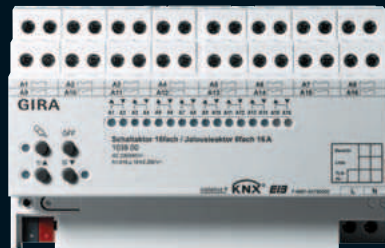
5  
DRA switching  
blind actuator,  
16/8-gang



3



4



5

Order no.	Packing unit	PS
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## Instabus KNX/EIB

The KNX Association is a union of the leading companies of the electrical installation technology industry with the task of promoting a uniform installation bus system.

Gira is one of the founding members of the EIBA and a member of the KNX Association. All Gira Instabus devices are developed and certified in accordance with the EIBA/KNX guidelines.

Instabus systems are planned and put into operation with a laptop or PC.

For the planning and commissioning of the devices, and for the diagnosis of a system, you require the ETS (EIB Tool Software).

Licensing of the ETS with the KNX Association in Brussels:

KNX Association  
Bessenveldstraat 5  
B-1831 Brussel  
Tel.: +32 (2) 77 58 590  
Fax: +32 (2) 77 58 650  
E-mail: sales@konnex.org  
Internet: www.knx.de, www.konnex.org

The ETS utilises a product database with manufacturer-specific information.

The Gira product database is available to you free of charge.

Gira is solely a manufacturer of Instabus KNX/EIB products.

As a result, only information regarding the gross price of the Instabus KNX/EIB products used can be provided in invitations to tender.

Only non-binding approximate times based on experience will be specified for planning and commissioning.

The determination of the resulting costs results from the individual price calculation of the responsible planning office/installation firm.

1. Instabus KNX/EIB services by Gira employees:  
EUR 70.00/hour.
2. Travelling costs in conjunction with Instabus KNX/EIB services by Gira employees:  
EUR 0.60/km, maximum distance for charging is 100 km.
3. Recommendations for the master-electrician price calculation based on experience at Gira.

Should you have further questions on the Instabus KNX/EIB or the Gira product database, please use our hotline:

Tel.: +49 (0) 21 95 / 602 - 123  
Fax: +49 (0) 21 95 / 602 - 118  
E-mail: hotline@gira.de  
Internet: www.gira.de

New products are constantly being added to the Gira Instabus KNX/EIB product range. Please contact the plant directly should you have such queries.

Order no.	Packing unit	PS
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## System-device inserts



Instabus KNX/EIB bus coupler

Bus coupler	<b>0570 00</b>	1/5	06
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**Product family:** System devices

**Product type:** Bus coupler

The flush-mounted bus coupler is the interface between the Instabus and the user module, e.g. push button sensor, info display, continuous regulator, data interface etc. The bus coupler can receive, send and evaluate telegrams. It contains the address, the system program and user-specific programs. Release of the programming of the physical address by pressing the programming button.

Status indication by red programming LED.

Only suitable for flush-mounted wall boxes with screw attachment.

Power consumption: max. 150 mW

Connections: Instabus via connection and branch terminal **0595 00**

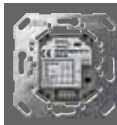
User module via plug connector 2 x 5-pole

Temperature range: -5 °C to +45 °C

Protection type: IP 20

Dimensions: Installation depth 32 mm

**Instabus connection and branch terminal 0595 00 → Page 377.**



Instabus KNX/EIB bus coupler 2

Bus coupler 2	<b>0645 00</b>	1/5	06
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**Product family:** Control devices

**Product type:** Bus coupler

The bus coupler 2 is **only** used in combination with the data interface with inscription space **0504** ... The bus coupler can receive, send and evaluate messages. It contains the address, the system program and user-specific programs. Release of the programming of the physical address by pressing the programming button.

Status indication by red programming LED.

Only suitable for flush-mounted wall boxes with screw attachment.

Power consumption: max. 150 mW

Connections: Instabus via connection and branch terminal **0595 00**

User module via plug connector 2 x 5-pole

Temperature range: -5 °C to +45 °C


Protection type: IP 20

Dimensions: Installation depth 32 mm

**Gira HomeServer 3 0529 00 → Page 342.**

**Data interface with inscription space 0504 ..**

**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB USB data interface</b>		
Flush-mounted	<b>1070 00</b>	1/5	06

**Product family:** System components  
**Product type:** Interface

USB data interface with integrated bus coupler. It enables the connection of a PC for the addressing, programming and diagnosis of Instabus EIB components. The data interface is supported by the **ETS3** or the **ETS Starter** and the PC operation system Microsoft® Windows® ME, 2000 and XP.

Connections: Instabus via connection and branch terminal **0595 00**  
 USB pin jack, type B

Transfer protocol: compatible with USB 1.1/2.0  
 Temperature range: -5 °C to +45 °C  
 Protection type: IP 20

**Suitable for cover plate 0276 .., 0876 ..**  
**Instabus connection and branch terminal 0595 00 → Page 377.**  
**USB connection cable 0903 00 → Page 351.**


	<b>USB connection cable</b>		
	<b>0903 00</b>	1	06

USB connection cable for connecting the USB data interface flush-mounted or DRA to the PC. Plug type A-B.

Connection line: 3 m

**USB data interface UP 1070 00 → Page 351.**  
**USB data interface DRA 1080 00 → Page 356.**


	Order no.	Packing unit	PS
<b>Sensor inserts</b>			

	<b>Instabus KNX/EIB push-button bus coupler, 1-gang with single-point operation and status LED</b>		
Flush-mounted	<b>0181 00</b>	1/5	06


**Functional description → Page 310.**

	<b>Instabus KNX/EIB push-button bus coupler, 1-gang with two-point operation and status LED</b>		
Flush-mounted	<b>0184 00</b>	1/5	06

**Functional description → Page 310.**

	<b>Instabus KNX/EIB push-button bus coupler, 2-gang with single-point operation</b>		
Flush-mounted	<b>0182 00</b>	1/5	06


**Functional description → Page 310.**

	<b>Instabus KNX/EIB push-button bus coupler, 2-gang with two-point operation</b>		
Flush-mounted	<b>0185 00</b>	1/5	06

**Functional description → Page 310.**

Order no.	Packing unit	PS
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## Actuator inserts

	<b>Instabus KNX/EIB switching actuator, 1-gang 16 A</b>		
Flush-mounted	<b>1059 00</b>	1/5	06

**Product family:** Output  
**Product type:** Binary output, 1-gang  
1-gang flush-mounted switching actuator with two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The input "One" is assigned to the switching actuator at the factory, enabling operation without programming.

The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the EIB is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

**Output:**

- Output can be configured as NO contact or NC contact
- Selection of preferred position for bus voltage failure and return
- Switch-on and/or switch-off delay or time-switch function can be set
- Output with three objects: Switching, response and additional function (linking, block function or forced setting)
- Response object can be inverted

**Inputs:**

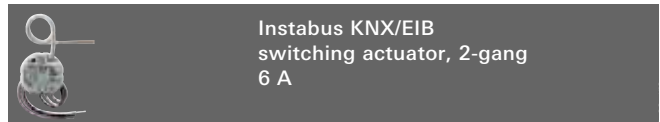
- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

Switching contact:	Relay with 1 x zero-voltage closing contact
Load capacity:	230 V AC/16 A
Connected load:	2500 W light bulbs 2200 W HV halogen 1000 VA LV halogen, wound transformer 1000 W LV halogen, Gira Tronic transformer 10 A, max. 105 µF capacitive load
Number of inputs:	2
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. <b>1068-02</b> Kaiser Order No. <b>9062-94</b> (windproof) Kaiser Order No. <b>9062-74</b> (halogen-free)

**Push rocker insert, 4-gang 0147 00 → Page 192.**

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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**Instabus KNX/EIB  
switching actuator, 2-gang  
6 A**

Flush-mounted	<b>1057 00</b>	1/5	06
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**Product family:** Output  
**Product type:** Binary output, 2-gang

2-gang flush-mounted switching actuator with two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The two inputs are assigned to the outputs of the switching actuator at the factory, enabling operation without programming.

The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the EIB is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

**Outputs:**

- Outputs can be configured as NO contacts or NC contacts
- Selection of preferred position for bus voltage failure and return
- Switch-on and/or switch-off delay or time-switch function can be set
- Outputs with 3 objects: Switching, response and additional function (linking, block function or forced setting)
- Response object can be inverted

**Inputs:**


- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

Switching contact:	Relay with 2 x zero-voltage closing contacts
Load capacity:	230 V AC/6 A
Connected load:	1200 W light bulbs 1200 W HV halogen 500 VA LV halogen, wound transformer 500 W LV halogen, Gira Tronic transformer 6 A, max. 14 µF capacitive load
Number of inputs:	2
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm
Installation:	Electronics box Kaiser Order No. <b>1068-02</b> Kaiser Order No. <b>9062-94</b> (windproof) Kaiser Order No. <b>9062-74</b> (halogen-free)

**Push rocker insert, 4-gang 0147 00 → Page 192.**

**Instabus connection and branch terminal 0595 00 → Page 377.**



	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB universal dimming actuator</b>		
<b>50 – 210 W/VA</b>			
Flush-mounted	<b>1058 00</b>	1/5	06

**Product family:** Lighting  
**Product type:** Dimmer

universal dimming actuator with two two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The inputs are assigned to the dimming actuator at the factory, enabling operation without programming.

The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the EIB is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

#### Dimming:

- Switching and dimming of lights
- Switch-on and dimming behaviour can be set with parameters
- Feedback of switching state and brightness value
- „Soft ON“, „Soft OFF“ and time dimmer are configurable
- Dimming or brightening of illumination level
- Time-delayed switch-off when a switch-off brightness is dropped below is possible
- Short-circuit message and message on a load failure possible
- Light scene operation possible
- Blocking operation can be activated with an object with a configurable brightness value at the start and end of a blocking phase
- Behaviour of the dimming actuator following bus voltage recovery adjustable


#### Inputs:

- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step – Move – Step or Move – Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

Rated voltage:	230 V AC, 50/60 Hz
Connected load:	50 to 210 W ohmic load 50 to 210 W light bulbs 50 to 210 W HV halogen 50 to 210 W LV halogen, Gira Tronic transformer 50 to 210 VA LV halogen, wound transformer
Number of inputs:	2
Protection type:	IP 20

	Order no.	Packing unit	PS
Dimensions:	L x W x H 51 x 48 x 28 mm		
Installation:	Electronics box Kaiser Order No. <b>1068-02</b> Kaiser Order No. <b>9062-94</b> (windproof) Kaiser Order No. <b>9062-74</b> (halogen-free)		

**Universal power boost 1035 00 → Page 203.**  
**Tronic power boost 0380 00 → Page 203.**  
**LV power boost 0364 00 → Page 204.**  
**Push rocker insert, 4-gang 0147 00 → Page 192.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB blind actuator, 1-gang</b>		
Flush-mounted	<b>1047 00</b>	1	06

**Product family:** Blind  
**Product type:** Blinds

1-gang flush-mounted blind actuator with two binary inputs for installation in a flush-mounted wall box (electronics box from Kaiser recommended). Four zero-voltage contacts can be connected to the two binary inputs. The two inputs can carry out various functions or be blocked independently of each other in the process. The inputs are assigned to the blind actuator at the factory, enabling operation without programming.

The connection to 230 V is made via a flexible cable with a length of approx. 20 cm. The connection of the binary inputs and the EIB is made via a 6-wire connection cable, approx. 30 cm in length. The connection cable for the binary inputs can be extended to a maximum of 5 m.

#### Blind output:

- Switching time for movement direction change can be set.
- Automatic sun-protection mechanism for brightness-dependent movements of the blind or shutter.
- Two safety objects with cyclical monitoring. Moving into a configurable end position on activation or deactivation of the safety functions.
- Reaction after bus voltage failure and return can be set.


#### Inputs:

- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: Two independent switching objects for each input present and can be enabled individually, command for rising or falling edge can be set independently (ON, OFF, SW, no reaction)
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step – Move – Step or Move – Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible

Rated voltage:	230 V AC, 50 Hz
Contact rating:	max. 1000 VA
Protection type:	IP 20
Dimensions:	L x W x H 51 x 48 x 28 mm

Order no.	Packing unit	PS
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DRA System Components



**Instabus KNX/EIB power supply 320 mA with integrated choke**

DRA	<b>1086 00</b>	1	26
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**Product family:** System components  
**Product type:** Power supply

The 320 mA power supply generates the Instabus EIB system voltage. It has one non-choked and one choked output each. The non-choked output can be used for the supply of another line or for function devices (e.g. SmartSensor) which require an auxiliary voltage. Any desired load distribution (choked or unchoked) is possible, however the total nominal current of 320 mA may not be exceeded in the process. The outputs are equipped with a shared overload or short-circuit protection. Connection is made via Instabus bus connection or branch terminals (no data rail required).

Primary rated voltage: AC 161 V to 264 V, 50/60 Hz  
 DC 176 V to 270 V

Secondary rated voltage: SELV 28 V to 31 V DC


Secondary rated current: 320 mA, short-circuit-proof

Connections: Instabus via connection and branch terminal **0595 00**  
 load via screw terminals  
 0.2 to 4 mm<sup>2</sup> single-wire  
 2 x 0.2 to 2.5 mm<sup>2</sup> single-wire  
 0.75 to 4 mm<sup>2</sup> fine-wire without core jacket  
 0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Protection type: IP 20

Dimensions: DRA device, 4 depth modules

**Instabus connector, 4-gang 1154 00 → Page 356.**  
**Instabus choke 0581 00 → Page 356.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**



**Instabus KNX/EIB power supply 640 mA with 2 integrated chokes**

DRA	<b>1087 00</b>	1	26
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**Product family:** System components  
**Product type:** Power supply

The 640 mA power supply generates the Instabus EIB system voltage. It has one non-choked and two choked outputs each. The non-choked output can be used for the supply of another line or for function devices (e.g. SmartSensor) which require an auxiliary voltage. Any desired load distribution (choked or unchoked) is possible, however the total nominal current of 640 mA may not be exceeded in the process. The outputs are equipped with a shared overload or short-circuit protection. Connection is made via Instabus bus connection or branch terminals (no data rail required).

Primary rated voltage: AC 161 V to 264 V, 50/60 Hz  
 DC 176 V to 270 V

Secondary rated voltage: SELV 28 V to 31 V DC

Secondary rated current: 640 mA, short-circuit-proof


Connections: Instabus via connection and branch terminal **0595 00**  
 load via screw terminals  
 0.2 to 4 mm<sup>2</sup> single-wire  
 2 x 0.2 to 2.5 mm<sup>2</sup> single-wire  
 0.75 to 4 mm<sup>2</sup> fine-wire without core jacket  
 0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Protection type: IP 20

Dimensions: DRA device, 7 depth modules

**Instabus connector, 4-gang 1154 00 → Page 356.**  
**Instabus choke 0581 00 → Page 356.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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**Instabus KNX/EIB power supply 640 mA uninterruptible**

DRA	<b>1079 00</b>	1	26
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**Product family:** System components  
**Product type:** Power supply

The 640 mA uninterruptible power supply generates the Instabus EIB system voltage. With integrated choke for de-coupling the bus line from the power supply.

With connection is for a lead-gel rechargeable accumulator **1130 00** for buffering the Instabus EIB voltage in case of a power failure. Up to two lead-gel accumulators can be connected and charged via the uninterruptible power supply. The charging voltage is controlled in dependence on the temperature with a temperature sensor. The uninterruptible power supply has a zero-voltage 2-way switch for reporting a fault (e.g. mains failure, accumulator failure, overload or short circuit). Connection is made via Instabus bus connection or branch terminals (no data rail required).


Primary rated voltage: 230 V AC, 50/60 Hz  
 Secondary rated voltage: SELV 28 V to 31 V DC  
 Secondary rated current: 640 mA, short-circuit-proof  
 2-way switch: AC 230 V, 6 A  
 DC 12/24 V, 4 A

Connections: Instabus via connection and branch terminal **0595 00**  
 load via screw terminals  
 0.2 to 4 mm<sup>2</sup> single-wire  
 0.2 to 2.5 mm<sup>2</sup> fine-wire

Protection type: IP 20

Dimensions: DRA device, 8 depth module

**Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 354.**  
**Basic cable set 1128 00 → Page 355.**  
**Expansion cable set 1129 00 → Page 355.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**



**Lead-gel rechargeable accumulator 12 Ah**

Rechargeable accumulator 12 V 12 Ah	<b>1130 00</b>	1	26
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or buffering the Instabus EIB voltage in combination with the power supply 640 mA uninterruptible **1079 00**. A maximum of two lead-gel rechargeable accumulators can be connected in parallel to the power supply.

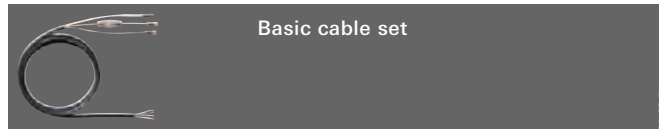
When connecting one lead-gel accumulator to the EIB power supply, the basic cable set **1128 00** must be used. When connecting two lead-gel batteries, you require the basic cable set for the one battery and the expansion cable set **1129 00** for the other accumulator.

Maintenance-free due to closed design as per EN 50014/VDE 0170/0171 Part 1/5.78.

Rated voltage: 12 V DC  
 Accumulator capacity: 12 Ah  
 Dimensions: W x H x D 151 x 94 x 98 mm  
 Weight: 4.2 kg

**Instabus power supply 640 mA uninterruptible 1079 00 → Page 354.**  
**Basic cable set 1128 00 → Page 355.**  
**Expansion cable set 1129 00 → Page 355.**

Order no.	Packing unit	PS
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Basic cable set

1128 00	1	26
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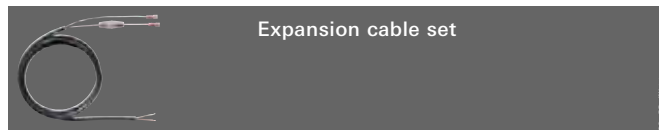
Basic cable set for connecting one lead-gel rechargeable accumulator **1130 00** to the power supply 640 mA uninterruptible **1079 00**.

A replaceable fuse and a temperature sensor for charging voltage control are integrated in the basic cable set.

Length: 2 m  
Fuse protection: T 6.3 H 250 V

**Instabus power supply 640 mA uninterruptible 1079 00 → Page 354.**

**Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 354.**



Expansion cable set

1129 00	1	26
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Expansion cable set for connecting a second lead-gel rechargeable accumulator **1130 00** to the power supply 640 mA uninterruptible **1079 00**. A replaceable fuse is integrated in the expansion cable set.

Length: 2 m  
Fuse protection: T 6.3 H 250 V

**Instabus power supply 640 mA uninterruptible 1079 00 → Page 354.**

**Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 354.**



Instabus KNX/EIB area/line coupler line amplifier

DRA plus	1023 00	1	26
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**Product family:** System components  
**Product type:** Line coupler

The area/line coupler connects two Instabus KNX/EIB lines to each other for data transfer and ensures an electrical isolation between these lines. As a result, each bus line of an EIB installation can be operated electrically independently of the other lines. A separate power supply is required for each line (area line, main line, line) or each line segment.

**Area/line coupler:**

- Use as an area or line coupler, depending on the allocation of the physical address
- Reduction of the bus load via filter function (filter table)
- Forwarding of group telegrams can be parameterised
- Repetition rate in the case of transfer errors adjustable
- Telegram confirmation can be parameterised

**Line amplifier:**

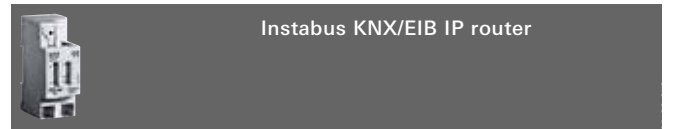
- Extension of lines to max. 4 line segments (max. 3 line amplifiers per line connected in parallel per line) each having up to 64 devices
- Repetition rate in the case of transfer errors adjustable

Connections: Instabus connection and branch terminal **0595 00** for higher and lower-level line (no data rail required)

Protection type: IP 20  
Dimensions: DRA device, 2 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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Instabus KNX/EIB IP router

DRA plus	1030 00	1	26
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**Product family:** System components  
**Product type:** IP router

The IP router connects the Instabus EIB lines to each other via data networks using the Internet Protocol (IP). The IP router uses the KNXnet/IP standard so that EIB telegrams are forwarded between lines via the IP network. This enables the establishment of communication among buildings and estates (networking of estates). The IP router enables programming via a data network (ETS3.0d). The Gira HomeServer/FacilityServer serves the IP router as a coupling to an EIB/KNX system.

- Connection to higher-level systems by using the Internet Protocol (IP)
- Filtering and forwarding of telegrams
- Use as line/area coupler
- Electrical isolation between the KNX/EIB lines
- Supply via external 24 V AC/DC

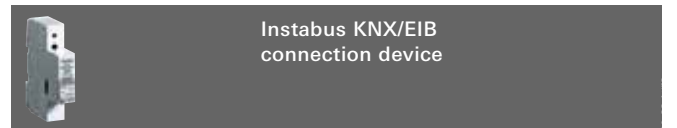
Operating voltage: AC/DC 24 V  
IP communication: Ethernet 10BaseT (10 Mbit)  
Supported protocols: DHCP, KNXnet/IP (Core, Routing, Tunneling, Device Management)

Connections: RJ45 socket for IP connection  
Instabus connection and branch terminal **0595 00**

Protection type: IP 20  
Dimensions: DRA device, 2 depth module

**Power supply 1024 00 → Page 358.**

**Instabus connection and branch terminal 0595 00 → Page 377.**



Instabus KNX/EIB connection device

DRA	0574 00	1	26
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**Product family:** Controller  
**Product type:** Controller

DRA device for programming extensive connections such as locking, enabling, acknowledgement etc. in accordance with the rules of switching algebra. Specifically, the following are available:

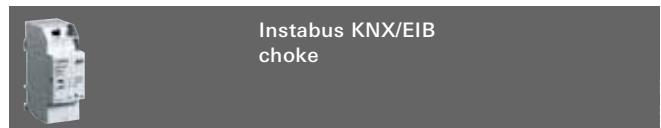
- Transfer gate 1 bit
- Transfer gate 4 bit
- Transfer gate 8 bit
- 1 to 8 bit converter (conversion from 1-bit telegrams to 8 bits)
- Filter/time (telegram conversion and time function)
- 1 x 8 input (logical combination 1 gate)
- 2 x 2 input (logical combination 3 gate)
- 2 x 4 input (logical combination 2 gate)
- C-Controller (logical combination 4 gates)

The bus coupler module can receive, transmit and evaluate telegrams. It contains the address, the system program and user-specific programs. Programming of the physical address is enabled by pressing the programming button. State display via red programming LED.

Power consumption: max. 150 mW  
Connections: Instabus via pressure contact made when plugging onto cap and data rail  
User module via plug connector 2 x 5-pole

Protection type: IP 20  
Dimensions: DRA device, 1 depth module

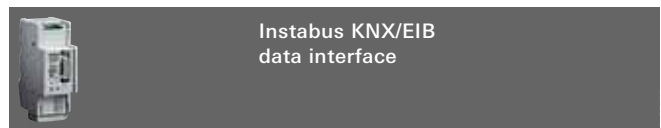
	Order no.	Packing unit	PS
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Instabus KNX/EIB choke

DRA	<b>0581 00</b>	1	26
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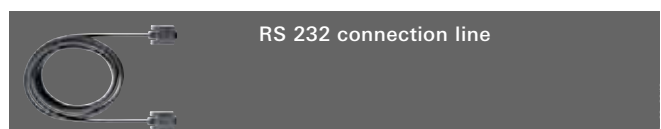
**Product family:** System components  
**Product type:** Choke  
 DRA choke decouples the Instabus line from the power supply with an integrated reset sliding switch (activation at least 20 s). The reset is indicated via a red LED.  
 Rated voltage: 29 V DC ±1 V  
 Rated current: 0.5 A  
 Connections: Pressure contact made by snapping on cap and data rail  
 Protection type: IP 20  
 Dimensions: DRA device, 2 depth module  
**Instabus power supply 320 mA 1086 00 → Page 354.**  
**Instabus power supply 640 mA 1087 00 → Page 354.**



Instabus KNX/EIB data interface

DRA	<b>1153 00</b>	1	26
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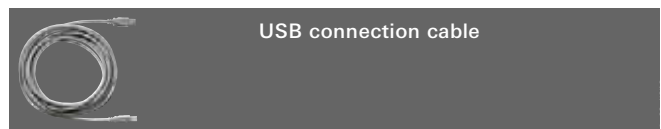
**Product family:** Communication  
**Product type:** Serial  
 DRA data interface with integrated bus coupler and 9-pole Sub D pin jack. For connecting a PC to the RS 232 interface for programming, diagnosis or visualisation of the Instabus EIB system. Installation on DIN cap rail. The Instabus connection is made via connection or branch terminals; no data rail required.  
 Connections: 9-pole Sub D pin jack  
 Instabus via connection and branch terminal **0595 00**  
 Protection type: IP 20  
 Dimensions: DRA device, 2 depth module  
**RS 232 connection line 0906 00 → Page 356.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**



RS 232 connection line

Length 2 m	<b>0906 00</b>	1	09
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For connecting the Gira Instabus system to a PC. Connection between the data interface and the PC. 9-pole D-Sub flat. 1 : 1 connection.  
**Instabus data interface DRA 1153 00 → Page 356.**  
**Data interface with inscription space 0558 .., 0504 .. → Page 327.**

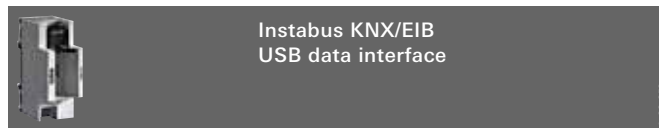


USB connection cable

	<b>0903 00</b>	1	06
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USB connection cable for connecting the USB data interface flush-mounted or DRA to the PC. Plug type A-B.  
 Connection line: 3 m  
**USB data interface UP 1070 00 → Page 351.**  
**USB data interface DRA 1080 00 → Page 356.**

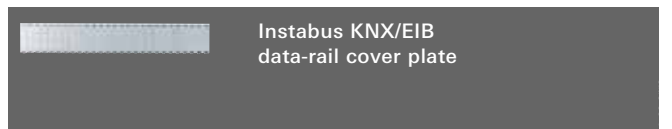
	Order no.	Packing unit	PS
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Instabus KNX/EIB USB data interface

DRA	<b>1080 00</b>	1	26
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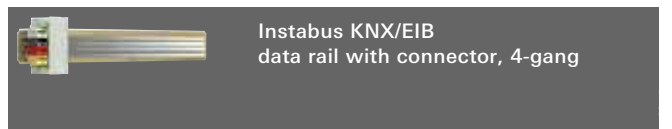
**Product family:** System components  
**Product type:** Interface  
 USB data interface with integrated bus coupler. It enables the connection of a PC for the addressing, programming and diagnosis of Instabus EIB components. The data interface is supported by the **ETS3** or the **ETS Starter** and the PC operation system Microsoft® Windows® ME, 2000 and XP.  
 Connections: Instabus via connection and branch terminal **0595 00**  
 USB pin jack, type B  
 Transfer protocol: compatible with USB 1.1/2.0  
 Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Dimensions: DRA device, 2 depth module  
**Instabus connection and branch terminal 0595 00 → Page 377.**  
**USB connection cable 0903 00 → Page 356.**



Instabus KNX/EIB data-rail cover plate

	<b>0590 00</b>	5	26
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**Product family:** System accessory  
**Product type:** Cover strip  
 The data-rail cover plate is plugged onto the cap profile rail if the data rail is not completely covered by the serial installation devices. This is an absolute requirement for the maintenance of the protection type safety extra low voltage.  
 Length: 243 mm (approx. 14 modules)



Instabus KNX/EIB data rail with connector, 4-gang

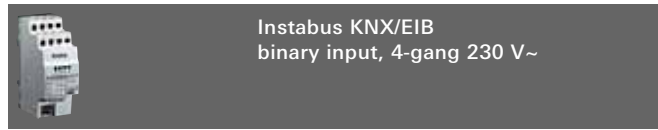
DRA	<b>1154 00</b>	1	26
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Self-adhesive data rail for gluing into the 35 x 7.5 mm cap profile rail designed in accordance with EN 50 022. With integrated 4-gang connector. For tapping the Instabus telegrams located on the data rail and/or the bus voltage on the external conductive tracks of the data rails. Fits under distributor cover plate.  
 Connections: 2 x 2 connection and branch terminal **0595 00**  
 Protection type: IP 20  
 Dimensions: DRA device, 1 depth module  
 214 mm data rail (approx. 12 depth modules)

**Instabus power supply 320 mA 1086 00 → Page 354.**  
**Instabus power supply 640 mA 1087 00 → Page 354.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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**DRA Sensors**



DRA plus	<b>1067 00</b>	1	26
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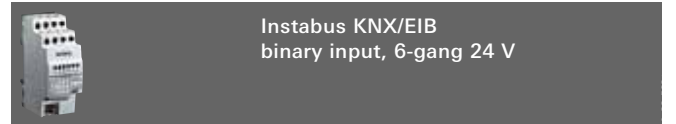
**Product family:** Input  
**Product type:** Binary input, 4-gang  
 4-gang DRA binary input for the connection of 230 V contacts. The switching actions of 230 V contacts (e.g. automatic controllers/ buttons) are converted to Instabus telegrams. The 4 inputs can be assigned various functions or blocked independently of each other in the process. Up to 4 different RCD circuits are possible. Signal display via 4 yellow status LEDs possible.  
 Multi-phase connection.

- Features which can be set via software:
- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switching counters to inputs 1 and 2
  - Blocker for blocking individual inputs
  - Behaviour when the bus voltage returns can be configured separately for each input
  - Telegram rate limiting
  - Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
  - Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
  - Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
  - Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
  - Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
  - Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
  - Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 70 V for "0" signal AC 90 V to 253 V for "1" signal
Number of inputs:	4
Input line:	max. 100 m
Connections:	Instabus via connection and branch terminal <b>0595 00</b> Screw terminals 0.75 to 4 mm <sup>2</sup>
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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DRA plus	<b>1068 00</b>	1	26
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**Product family:** Input  
**Product type:** Binary input, 6-gang

6-gang DRA binary input for the connection of 24 V AC/DC contacts. The switching actions of 24 V contacts (e.g. buttons) are converted to Instabus telegrams. The 6 inputs can be assigned various functions or blocked independently of each other in the process. Signal display via 6 yellow status LEDs possible.

- Features which can be set via software:
- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 6 or pulse counters and switching counters to inputs 1 and 2
  - Blocker for blocking individual inputs
  - Behaviour when the bus voltage returns can be configured separately for each input
  - Telegram rate limiting
  - Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
  - Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
  - Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
  - Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
  - Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
  - Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
  - Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 1.8 V for "0" signal AC 8 V to 42 V for "1" signal DC -42 V to +1.8 V for "0" signal DC +8 V to +42 V for "1" signal
Number of inputs:	6
Input line:	max. 100 m
Connections:	Instabus via connection and branch terminal <b>0595 00</b> Screw terminals 0.2 to 4 mm <sup>2</sup>
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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Instabus KNX/EIB  
binary input, 8-gang 230 V~

DRA plus	1069 00	1	26
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**Product family:** Input

**Product type:** Binary input, 8-gang

8-gang DRA binary input for the connection of 230 V contacts. The switching actions of 230 V contacts (e.g. automatic controllers/ buttons) are converted to Instabus telegrams. The 8 inputs can be assigned various functions or blocked independently of each other in the process. Up to 8 different RCD circuits are possible. Signal display via 8 yellow status LEDs possible.

Multi-phase connection.

Features which can be set via software:

- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 8 or pulse counters and switching counters to inputs 1 and 2
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage: AC 0 V to 70 V for "0" signal  
AC 90 V to 253 V for "1" signal

Number of inputs: 8

Input line: max. 100 m

Connections: Instabus via connection and branch terminal **0595 00**

Screw terminals 0.75 to 4 mm<sup>2</sup>

Protection type: IP 20

Dimensions: DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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Instabus KNX/EIB  
analogue sensor interface,  
4-gang

DRA	1021 00	1	26
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**Product family:** Input

**Product type:** Analogue input, 4-gang

The 4-gang Instabus analogue sensor interface is used for registering and forwarding four analogue sensor signals. The analogue sensor interface requires the power supply **1024 00** for supply.

The following signals can be evaluated (can be set for each input with software):

Current signals: 0 – 20 mA

4 – 20 mA (with line-break monitoring)

Voltage signals: 0 – 1 V

0 – 10 V

Features which can be set via software:

- Each channel can be separately parameterised to the relevant input signal
- Behaviour after initialisation can be set
- Transmission criterion of the measurement value can be set
- Limit value/hysteresis and signal at limit value can be chosen for each channel

Number of inputs: 4

Ambient temperature: -5 °C to +45 °C

Protection type: IP 20

Dimensions: DRA device, 4 depth modules

**Power supply 1024 00 → Page 358.**

**Dimming sensor 0 – 10 V 0572 00 → Page 410.**

**Brightness sensor 0 – 10 V 0576 00 → Page 410.**

**Temperature sensor 0 – 10 V 0577 00 → Page 410.**

**Rain sensor 0/10 V 0579 00 → Page 412.**

**Wind sensor 0 – 10 V with heating mechanism**

**0580 00 → Page 411.**

**Instabus connection and branch terminal 0595 00 → Page 377.**



Power supply

DRA	1024 00	1	26
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Power supply for the weather station and the in-built heating of the wind sensor 0 – 10 V, rain sensor 0/10 V etc.

Power supply: AC 230 V 50/60 Hz

Output voltage: AC 24 V

Rated current: 1 A

Connections: Screw terminals 0.5 to 4 mm<sup>2</sup> single-wire

Temperature range: -5 °C to +45 °C

Dimensions: DRA device, 4 depth modules


**Instabus weather station Comfort 1010 00 → Page 359.**

**Instabus analogue sensor interface 1021 00 → Page 358.**

**Wind sensor 0 – 10 V with heating mechanism**

**0580 00 → Page 411.**

**Rain sensor 0/10 V 0579 00 → Page 412.**

Order no.	Packing unit	PS
 <p>Instabus KNX/EIB weather station Standard</p>		
<b>2150 04</b>	1	06

**Product family:** Input  
**Product type:** Weather station Standard  
 The weather station Standard is used to measure and evaluate weather data (wind speed, precipitation, twilight, temperature and brightness). It is installed in the outdoor area of buildings, preferable in the roof area. The weather station requires an additional power supply, e.g. power supplies **1296 00** or **1024 00**.


- Temperature sensor for measuring the outside temperature.
- Wind sensor (thermal) for determining the wind speed.
- Twilight sensor for measuring the brightness in the twilight range.
- Three brightness sensors offset by 90° determine the brightness in daylight and sunshine, direction-dependent.
- Rain sensor for detecting precipitation.
- Two limits with an adjustable hysteresis per sensor (except rain sensor) can be parameterised.
- A teach-in function enables the application of a current measured value as a limit. This can, for example, be triggered by pressing an external button.
- All limit objects have a parameterisable switch-on and switch-off delay.
- 6 logic gates (AND, AND with return, OR, Exclusive OR, NAND, NOR) with up to 4 inputs for external and internal 1 bit values.
- 4 blocking elements for blocking functions or manual operation.
- Cyclical transmission in case of a value change.

Power supply: AC/DC 24 V SELV  
 Power consumption: 7 W  
 Temperature range: -20 °C to +55 °C  
 Wind speed: 0 to 40 m/s  
 Brightness: 1,000 to 110,000 lux  
 Twilight: 0 to 674 lux  
 Precipitation: Yes/No (binary)  
 Protection type: IP 44

**Power supply 1024 00 → Page 358.**

**Power supply 1296 00 → Page 275.**

**Master attachment 0848 00 → Page 233.**

Order no.	Packing unit	PS
 <p>Instabus KNX/EIB weather station Comfort</p>		
<b>1010 00</b>	1	26

**Product family:** Input  
**Product type:** Analogue input, 4-gang  
 The weather station is used for registering and forwarding climatic data and events. Up to four freely combinable analogue measurement-value receivers and a combination sensor **1025 00** can be connected. Two internal limit values can be defined per measurement-value receiver, and when these are exceeded/fallen short of, configurable actions run.

The weather station requires the power supply **1024 00** for supply. The following signals can be evaluated (can be set for each input with software):

Current signals: 0 – 20 mA  
 4 – 20 mA (with line-break monitoring)  
 Voltage signals: 0 – 1 V  
 0 – 10 V

- Evaluation of the DCF77 signal from the combination sensor **1025 00**
- "Astro" function for determining the position of the sun (azimuth and elevation) for sun-position-dependant blind and shutter control, especially the control of the slat angle of blinds (DCF77 signal required).
- Linking controller (logic) for more flexible planning of the (limit dependant) actions (also usable externally), e.g. shading individual facade segments possible.
- User can make changes to the limit value objects, e.g. via SmartSensor, info display 2, info terminal or other signal transmitters.
- Cyclical monitoring of the combination sensor.
- On failure of communication with the combination sensor, protective measures can be introduced, e.g. raising the blinds.
- Selective shading of the facade (max. 4 facades) with setting of the basic brightness, orientation of facade, the aperture angle to the sun (pre-configured).
- Objects for basic brightness and aperture angle are present. Changes of the objects through external value transmitters possible, e.g. SmartSensor, info display 2, info terminal etc.
- Programming of the weather station via a plug-in for ETS 2 from version 1.2a and higher.

Number of inputs: 4  
 Ambient temperature: -5 °C to +45 °C  
 Protection type: IP 20  
 Dimensions: DRA device, 4 depth modules

**Power supply 1024 00 → Page 358.**

**Combination sensor with DCF77 receiver 1025 00 → Page 360.**

**Dimming sensor 0 – 10 V 0572 00 → Page 410.**


**Brightness sensor 0 – 10 V 0576 00 → Page 410.**

**Temperature sensor 0 – 10 V 0577 00 → Page 410.**

**Rain sensor 0/10 V 0579 00 → Page 412.**

**Wind sensor 0 – 10 V with heating mechanism 0580 00 → Page 411.**

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
	<b>Combination sensor with DCF77 receiver</b>	
<b>1025 00</b>	1	26

Combination sensor with DCF77 receiver for connection to the auxiliary input of the Instabus weather station Comfort **1010 00**. 6 sensors are combined in the combination sensor which are required for controlling and monitoring building and home technology, e.g. awnings, blind or winter gardens.

- Integrated DCF77 receiver with a 45° rotating antenna for receiving date and time.
- Measurement of wind speed in a range of 0.5 – 40 m/s.
- Detection of precipitation (dry/wet) occurs using the reflection process.
- The brightness is registered via three independent brightness sensors arranged in 90° segments (east, south, west).
- Connection/line-break monitoring via the Instabus weather station.
- The combination sensor is supplied complete with a 10 m connection cable.

Wind-speed measuring

range: 1 to 40 m/s (max. 144 km/h)

Precipitation measuring


range: Precipitation yes/no

Brightness measuring

range: 0 to 110 k lux

Twilight measuring range: 0 to 674 lux

**Instabus weather station Comfort 1010 00 → Page 359.**

Order no.	Packing unit	PS
	<b>Instabus KNX/EIB brightness sensor, 3-gang</b>	
<b>1078 00</b>	1	26

**Product family:** Physical sensors

**Product type:** Brightness

DRA brightness/twilight sensor with integrated bus coupler and three switching thresholds. The brightness sensor transmits Instabus telegram depending on the brightness values detected by the light receiver.

Features which can be set via software:

- Transmission when the set brightness thresholds are exceeded or fallen below
- Cyclical transmission
- Blocking of the channels

Setting range: 1 to 100 lux  
100 to 20,000 lux


Cable length: max. 100 m between control device and light receiver

Connections: Instabus via connection and branch terminal **0595 00**  
Screw terminals for light receiver

Protection type: IP 21 for control device  
IP 54 for light receiver

Dimensions: DRA device, 2 depth module  
Light receiver H x W x D  
27 x 86 x 38 mm

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
	<b>Instabus KNX/EIB week time switch, 2-channel</b>	
<b>1073 00</b>	1	26

**Product family:** Time switch

**Product type:** Time clock

2-channel DRA week time switch with integrated bus coupler.

Programmed switching times are converted to Instabus telegrams.

Manual activation possible. Up to 4 telegrams can be transmitted per channel with one switching time.

Switching functions:

- Day and week program
- Day-of-week block formation
- Automatic summer/winter changeover
- Manual permanent-On/Off
- Holiday program (interruption of stored program for up to 99 days)

Properties which can be adjusted with software:

- Operating modes: Switching, restraint, value transmitter (1 byte)
- Block function
- Cyclical transmission of telegrams
- Transmission of time (no date)

Memory locations: 36

Power reserve: Lithium cell, approx. 6 years (at 20 °C)


Connections: Instabus via connection and branch terminal **0595 00**

Protection type: IP 20

Dimensions: DRA device, 2 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**



	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB year time switch, 4-channel</b>		
DRA	<b>1074 00</b>	1	26

**Product family:** Time switch  
**Product type:** Time clock

4-channel DRA year time switch with integrated bus coupler and power-supply unit for connection of a DCF 77 radio antenna. The switching times are produced on the device or with the OBELISK programming set. The programmed switching times are converted to Instabus telegrams. Manual activation possible.

Switching functions:

- Day/week/year programs
- Random program
- Pulse function
- Day-of-week and channel block formation
- „1x“ function (switching instruction is only carried out once)
- Adjustable annual adaptation of moving holidays
- Automatic summer/winter changeover
- Manual permanent-On/Off
- Priority assignment
- Switching time simulation (only via OBELISK programming software)

Properties which can be adjusted with software:

- Synchronisation via DCF 77 antenna
- Transmission of date and time
- Operating modes: Switching, restraint, value transmitter (1 byte), temperature (2 bytes) or EIS 5 format
- Cyclical transmission of telegrams
- Block function

Operating voltage: AC 230 V  
 Only for operation of the DCF 77 radio antenna

Memory locations: 324


Power reserve: Lithium cell, approx. 1.5 years (at 20 °C)

Connections: Instabus via connection and branch terminal **0595 00**  
 Radio antenna and power-supply unit via screw terminals

Protection type: IP 20

Dimensions: DRA device, 6 depth module

**DCF 77 radio antenna 1075 00 → Page 361.**  
**Programming set for OBELISK memory card 1076 00 → Page 361.**  
**Additional OBELISK memory cards 1077 00 → Page 361.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	<b>DCF 77 radio antenna</b>		
Surface-mounted	<b>1075 00</b>	1	26

DCF 77 radio antenna for Instabus year time switch 4-channel **1074 00.**


Cable length: max. 200 m

Ambient temperature: -20 °C to +70 °C

Protection type: IP 54

Dimensions: W x H x D 70 x 92 x 53 mm

**Instabus year time switch, 4-channel 1074 00 → Page 361.**

	Order no.	Packing unit	PS
	<b>Programming set for OBELISK memory card</b>		
	<b>1076 00</b>	1	26

Programming set for year time switch, 4-channel. The software enables the convenient entry, simulation, storage and printing of the switching times. The programming device is connected to a serial port of the PC and is used for programming the EEPROM memory card (OBELISK). The program is transferred between the PC and the time clock with the memory card. Minimum requirement for a PC: 586er PC with Windows® 95/98 or NT, CD-ROM drive and a free serial port.

Scope of supply:

- Programming device for OBELISK memory card
- PC software on CD-ROM
- One OBELISK memory card

**Instabus year time switch, 4-channel 1074 00 → Page 361.**  
**Additional OBELISK memory cards 1077 00 → Page 361.**

	Order no.	Packing unit	PS
	<b>OBELISK memory card</b>		
	<b>1077 00</b>	1	26

EEPROM memory card for the year time switch, 4-channel. **Instabus year time switch, 4-channel 1074 00 → Page 361.**  
**Programming set for OBELISK memory card 1076 00 → Page 361.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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## DRA Actuators



Instabus KNX/EIB  
switching actuator, 2-gang 16 A  
with manual activation

DRA plus	1040 00	1	26
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**Product family:** Output

**Product type:** Binary output, 2-gang

2-gang DRA switching actuator with integrated bus coupler. For switching two independently controllable groups of loads. Installation on DIN cap rail. With manual switch for switching over the relay (On/Off) parallel or without KNX/EIB operation. No additional power supply. The ETS3.0d is recommended for configuring and commissioning the device. Multi-phase connection.

Functions:

- Independent switching of the 2 outputs.
- Manual actuation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each channel.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.

Switching contact: Relay with 2 x zero-voltage closing contacts

Loading capacity  
AC 230 V: 16 A / AC 1 or 10 A / AC 3

Loading capacity  
AC 400 V: 10 A/AC 1 or 6 A/AC 3

DC switching capacity: 16 A/24 V

Max. switch-on current: 400 A, 150  $\mu$ s

200 A, 600  $\mu$ s

Connected load:

- 3600 W ohmic load
- 16 A, max. 140  $\mu$ F capacitive load AC 230 V
- 2500 W light bulbs
- 2500 W HV halogen
- 1200 VA LV halogen, wound transformer
- 1500 W LV halogen, Gira Tronic transformer
- 2500 VA fluorescent lamps, not compensated
- 2300 VA fluorescent lamps duo-circuit
- 1300 VA fluorescent lamps, parallel-compensated
- 2000 W mercury-vapour lamps, uncompensated
- 2000 W mercury-vapour lamps, parallel compensated

Connections: Instabus via connection and branch terminal **0595 00**  
load via screw terminals  
0.2 to 4 mm<sup>2</sup> single-wire  
2 x 0.2 to 2.5 mm<sup>2</sup> single-wire  
0.75 to 4 mm<sup>2</sup> fine-wire without core jacket  
0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Dimensions: DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS		Order no.	Packing unit	PS
	Instabus KNX/EIB switching actuator, 4-gang 16 A with manual activation			Connections:	Instabus via connection and branch terminal <b>0595 00</b> load via screw terminals 0.2 to 4 mm <sup>2</sup> single-wire 2 x 0.2 to 2.5 mm <sup>2</sup> single-wire 0.75 to 4 mm <sup>2</sup> fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket		
DRA plus	<b>1004 00</b>	1	26	Dimensions:	DRA device, 4 depth modules		
<b>Product family:</b>	Output			<b>Instabus connection and branch terminal 0595 00 → Page 377.</b>			
<b>Product type:</b>	Binary output, 4-gang						
4-gang DRA switching actuator with integrated bus coupler. For switching four independently controllable groups of loads. Installation on DIN cap rail. With manual switch for switching over the relay (On/Off) parallel or without KNX/EIB operation. No additional power supply. The ETS3.0d is recommended for configuring and commissioning the device. Multi-phase connection.							
Functions:							
<ul style="list-style-type: none"> <li>· Independent switching of the 4 outputs.</li> <li>· Manual actuation of the relay independent of the bus/switching position display.</li> <li>· NO contact or NC contact operation.</li> <li>· Central switching function.</li> <li>· Group feedback for reduction of bus load.</li> <li>· Active or passive (object can be read out) cyclical feedback function.</li> <li>· Feedback can be delayed until after the return of bus voltage.</li> <li>· Logical linking function for each channel.</li> <li>· Block function can be parameterised for each channel. As an alternative, forced setting function for each output.</li> <li>· Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).</li> <li>· Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.</li> <li>· Memory function for light scenes.</li> <li>· Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.</li> <li>· Input monitoring for cyclical updating with safety setting.</li> <li>· Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.</li> </ul>							
Switching contact:	Relay with 4 x zero-voltage closing contacts						
Loading capacity							
AC 230 V:	16 A / AC 1 or 10 A / AC 3						
Loading capacity							
AC 400 V:	10 A/AC 1 or 6 A/AC 3						
DC switching capacity:	16 A/24 V						
Max. switch-on current:	400 A, 150 µs 200 A, 600 µs						
Connected load:	3600 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 2500 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 2500 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1300 VA fluorescent lamps, parallel-compensated 2000 W mercury-vapour lamps, uncompensated 2000 W mercury-vapour lamps, parallel compensated						

Order no.	Packing unit	PS
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Instabus KNX/EIB  
switching actuator, 4-gang 16 A  
with manual activation and current  
measurement for C loads

DRA plus	1045 00	1	26
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**Product family:** Output

**Product type:** Binary output, 4-gang

4-gang DRA switching actuator with integrated bus coupler. For switching four independently controllable groups of loads. The switching contacts of the switching actuator, 4-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data). The switching actuator has an integrated current detection. A current measurement can be carried out for each channel. Installation on DIN cap rail. With manual switch for switching over the relay (On/Off) parallel or without KNX/EIB operation. No additional power supply. The ETS3.0d is recommended for configuring and commissioning the device. Multi-phase connection. Functions:

- Independent switching of the 4 outputs.
- Manual actuation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).

**Switching contact:** Relay with 4 x zero-voltage closing contacts

**Loading capacity**

AC 230 V: 16 A/AC 1 or 16 A/AC 3

**Loading capacity**

AC 400 V: 10 A/AC 1 or 10 A/AC 3

DC switching capacity: 16 A/24 V

Max. switch-on current: 600 A, 150 µs

300 A, 600 µs

**Connected load:**

3680 W ohmic load

16 A, max. 200 µF capacitive load AC 230 V

3680 W light bulbs

3680 W HV halogen

2000 VA LV halogen, wound transformer

2500 W LV halogen, Gira Tronic transformer

3680 VA fluorescent lamps,

not compensated

3680 VA fluorescent lamps

duo-circuit

2500 VA fluorescent lamps,

parallel-compensated

3680 W mercury-vapour lamps,

uncompensated

3680 W mercury-vapour lamps, parallel

compensated

**Current detection:** 0.25 to 16 A sine

50/60 Hz

Order no.	Packing unit	PS
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**Connections:**

Instabus via connection and branch terminal **0595 00**

load via screw terminals

0.2 to 4 mm<sup>2</sup> single-wire

2 x 0.2 to 2.5 mm<sup>2</sup> single-wire

0.75 to 4 mm<sup>2</sup> fine-wire without core jacket

0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

**Dimensions:**

DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**



Instabus KNX/EIB  
switching actuator, 6-gang  
6 A

DRA plus	1008 00	1	26
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**Product family:** Output

**Product type:** Binary output, 6-gang

6-gang DRA switching actuator with integrated bus coupler.

For switching six independently controllable groups of loads.

Installation on DIN cap rail. Multi-phase connection.

Features which can be set via software:

- outputs can be configured as NO contacts or NC contacts
- Selection of preferred position for bus voltage failure and return
- switch-on and/or switch-off delay or time-switch function for each channel can be set separately
- 6 outputs can be assigned 2 objects i.e. switching and response
- In addition, 4 outputs can be assigned an additional function: linking, block function or forced setting
- Response object can be inverted

**Switching contact:** Relay with 6 x zero-voltage closing contacts

**Load capacity:** 230 V AC/6 A

Multi-phase connection

1000 W light bulbs

500 VA fluorescent lamps,

uncompensated (cos φ = 0.5)

1000 VA fluorescent lamps,

dual switching

2 x 58 VA fluorescent lamps,

parallel-compensated

**Connections:** Instabus via connection and branch

terminal **0595 00**

load via screw terminals

0.2 to 4 mm<sup>2</sup> single-wire

2 x 0.2 to 2.5 mm<sup>2</sup> single-wire


0.75 to 4 mm<sup>2</sup> fine-wire without core jacket

0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

**Protection type:** IP 20

**Dimensions:** DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	Instabus KNX/EIB heating actuator, 6-gang 0.05 A		
DRA plus	<b>1018 00</b>	1	26

**Product family:** Output  
**Product type:** Binary output, 6-gang

6-gang DRA heating actuator with integrated bus coupler. For switching electrothermic valve drives for heating systems. The heating actuator is equipped with 6 electronic outputs which can control valve drives in dependence on Instabus telegrams. In the process, up to 4 electrothermic valve drives can be connected per output. Installation on DIN cap rail.

The outputs can be controlled either with switching or with pulse-width modulation (PWM). Separate overload and short-circuit detection for each output.


The function of the actuator can also be tested without bus voltage. In the unprogrammed state, pulse width modulation with a corrected variable of 50 % and a cycle time of 15 minutes are already stored in the actuator.

Features which can be set via software:

- 6 independent outputs, each controllable with a corrected variable (1 bit or 1 byte)
- Status feedback (1 bit or 1 byte) per output automatically or on read request
- Valve control (open/closed while deenergised) can be configured for each output
- Summer or winter operation can be selected via an object
- Cyclical monitoring of the corrected variable of each output; if a corrected variable telegram remains off within a monitoring period, the affected output switches into the emergency mode and an alarm message is sent
- Each output can be locked in a forced position, and different values are possible for summer and winter operation
- Behaviour when the bus voltage returns and fails can be configured separately for each output
- Overload or short-circuit message via an object can be set separately for each output
- Mains failure message via an object
- Group message when all valves are closed
- Object for feedback of largest 1 byte corrected variable of an output stored in the actuator

Switching contact: 6 x Triac  
 Rated voltage: 230 V AC, 50/60 Hz  
 Switch-on current: max. 1.5 A  
 Rated current: 0.05 A ohmic load  
 Connections: Instabus via connection and branch terminal **0595 00** load via screw terminals  
 0.2 to 4 mm<sup>2</sup> single-wire  
 2 x 0.2 to 2.5 mm<sup>2</sup> single-wire  
 0.75 to 4 mm<sup>2</sup> fine-wire without core jacket  
 0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket  
 Operating temperature: -5 °C to +45 °C  
 (Cannot be used in heating circuit distributors)  
 Protection type: IP 20  
 Dimensions: DRA device, 4 depth modules

**Thermal valve drive 230 V 1122 00 → Page 375.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	Instabus KNX/EIB switching actuator, 8-gang 16 A with manual activation		
DRA plus	<b>1006 00</b>	1	26

**Product family:** Output  
**Product type:** Binary output, 8-gang

8-gang DRA switching actuator with integrated bus coupler. For switching eight independently controllable groups of loads. Installation on DIN cap rail. With manual switch for switching over the relay (On/Off) parallel or without KNX/EIB operation. No additional power supply. The ETS3.0d is recommended for configuring and commissioning the device. Multi-phase connection.

Functions:

- Independent switching of the 8 outputs.
- Manual actuation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.

Switching contact: Relay with 8 x zero-voltage closing contacts

Loading capacity  
 AC 230 V: 16 A / AC 1 or 10 A / AC 3

Loading capacity  
 AC 400 V: 10 A/AC 1 or 6 A/AC 3


DC switching capacity: 16 A/24 V  
 Max. switch-on current: 400 A, 150 µs  
 200 A, 600 µs

Connected load: 3600 W ohmic load  
 16 A, max. 140 µF capacitive load AC 230 V  
 2500 W light bulbs  
 2500 W HV halogen  
 1200 VA LV halogen, wound transformer  
 1500 W LV halogen, Gira Tronic transformer  
 2500 VA fluorescent lamps, not compensated  
 2300 VA fluorescent lamps duo-circuit  
 1300 VA fluorescent lamps, parallel-compensated  
 2000 W mercury-vapour lamps, uncompensated  
 2000 W mercury-vapour lamps, parallel compensated

Connections: Instabus via connection and branch terminal **0595 00** load via screw terminals  
 0.2 to 4 mm<sup>2</sup> single-wire  
 2 x 0.2 to 2.5 mm<sup>2</sup> single-wire  
 0.75 to 4 mm<sup>2</sup> fine-wire without core jacket  
 0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Dimensions: DRA device, 8 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB switching actuator, 8-gang 16 A with manual activation and current measurement for C loads</b>		
DRA plus	<b>1046 00</b>	1	26

**Product family:** Output

**Product type:** Binary output, 8-gang

8-gang DRA switching actuator with integrated bus coupler. For switching eight independently controllable groups of loads. The switching contacts of the switching actuator, 8-gang, C-load are especially designed for loads with a capacitive character, and therefore conditional, brief, high switch-on currents (see Technical Data). The switching actuator has an integrated current detection. A current measurement can be carried out for each channel. Installation on DIN cap rail. With manual switch for switching over the relay (On/Off) parallel or without KNX/EIB operation. No additional power supply. The ETS3.0d is recommended for configuring and commissioning the device. Multi-phase connection. Functions:

- Independent switching of the 8 outputs.
- Manual actuation of the relay independent of the bus/switching position display.
- NO contact or NC contact operation.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in light scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter as forward/backward counter with limit function (limit can be changed via bus) can be activated for each output.
- Input monitoring for cyclical updating with safety setting.
- Reactions in case of bus voltage failure and restoration can be set for each channel following an ETS programming process.
- Current detection: Measurement of load current for each channel.
- Threshold values for load monitoring (e.g. signalling of load failure).

Switching contact: Relay with 8 x zero-voltage closing contacts


Loading capacity  
AC 230 V: 16 A/AC 1 or 16 A/AC 3


Loading capacity  
AC 400 V: 10 A/AC 1 or 10 A/AC 3

DC switching capacity: 16 A/24 V

Max. switch-on current: 600 A, 150  $\mu$ s  
300 A, 600  $\mu$ s

	Order no.	Packing unit	PS
Connected load:	3680 W ohmic load 16 A, max. 200 $\mu$ F capacitive load AC 230 V 3680 W light bulbs 3680 W HV halogen 2000 VA LV halogen, wound transformer 2500 W LV halogen, Gira Tronic transformer 3680 VA fluorescent lamps, not compensated 3680 VA fluorescent lamps duo-circuit 2500 VA fluorescent lamps, parallel-compensated 3680 W mercury-vapour lamps, uncompensated 3680 W mercury-vapour lamps, parallel compensated		
Current detection:	0.25 to 16 A sine 50/60 Hz		
Connections:	Instabus via connection and branch terminal <b>0595 00</b> load via screw terminals 0.2 to 4 mm <sup>2</sup> single-wire 2 x 0.2 to 2.5 mm <sup>2</sup> single-wire 0.75 to 4 mm <sup>2</sup> fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket		
Dimensions:	DRA device, 8 depth module		
<b>Instabus connection and branch terminal 0595 00 → Page 377.</b>			

	Order no.	Packing unit	PS		Order no.	Packing unit	PS
	Instabus KNX/EIB switching actuator, 8-gang 16 A/ blind actuator, 4-gang 16 A with manual activation			Connected load:	3000 W ohmic load 16 A, max. 140 µF capacitive load AC 230 V 1380 VA motors (blind or fan) 3000 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated		
	DRA plus	1037 00	1	26	Connections:	Instabus via connection and branch terminal <b>0595 00</b> load via screw terminals 1.5 to 4 mm <sup>2</sup> single-wire 2 x 1.5 to 2.5 mm <sup>2</sup> single-wire 0.75 to 4 mm <sup>2</sup> fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket DRA device, 4 depth modules	
<b>Product family:</b>	Output			Dimensions:	DRA device, 4 depth modules		
<b>Product type:</b>	Binary output, 8-gang			<b>Wind sensor Standard 0913 00</b> → <b>Page 411.</b>	<b>Instabus connection and branch terminal 0595 00</b> → <b>Page 377.</b>		
Depending on the parameter settings, the actuator can be used as a switching actuator (max. 8-gang) or as a blind actuator (max. 4-gang). Mixed configurations of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output. Switching state display for each relay. Manual activation for switching over the relays in parallel or without Instabus operation. Central switch-off with manual activation possible. With integrated bus coupling. Installation on DIN cap rail. Different phase conductors may be connected to the outputs. The ETS3.0d is recommended for configuring and commissioning the device.							
Functions of blind actuator outputs:							
<ul style="list-style-type: none"> <li>Independent control of up to 4 blind outputs.</li> <li>Behaviour after bus voltage failure and return can be set.</li> <li>Separately parameterisable movement times with movement time extension for movements into the upper end position.</li> <li>Central control of all blind outputs possible.</li> <li>Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.</li> <li>Feedback can be delayed until after the return of bus voltage.</li> <li>Assignments to up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.</li> <li>Forced setting function can be realised for each blind output.</li> <li>Solar protection function with fixed and variable curtain or slat positions can be activated.</li> <li>Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.</li> <li>Memory function for light scenes.</li> </ul>							
Functions of switching actuator outputs:							
<ul style="list-style-type: none"> <li>Independent switching of the up to 8 switching outputs.</li> <li>NO contact or NC contact operation can be set.</li> <li>Behaviour after bus voltage failure and return can be set.</li> <li>Central switching function.</li> <li>Group feedback for reduction of bus load.</li> <li>Active or passive (object can be read out) cyclical feedback function.</li> <li>Feedback can be delayed until after the return of bus voltage.</li> <li>Logical linking function for each output.</li> <li>Block function can be parameterised for each channel. As an alternative, forced setting function for each output.</li> <li>Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).</li> <li>Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.</li> <li>Memory function for light scenes.</li> </ul>							
Operating voltage:	230 V AC, 50/60 Hz						
Switching contact:	Relay with 8 x zero-voltage closing contacts						
Loading capacity	16 A/AC 1						
AC 230 V:	16 AX						
Max. switch-on current:	800 A, 200 µs						
	165 A, 20 ms						

	Order no.	Packing unit	PS
	<b>Instabus KNX/EIB switching actuator, 16-gang 16 A/ blind actuator, 8-gang 16 A with manual activation</b>		
	DRA plus	<b>1038 00</b>	1

**Product family:** Output

**Product type:** Binary output, 16-gang

Depending on the parameter settings, the actuator can be used as a switching actuator (max. 16-gang) or as a blind actuator (max. 8-gang). Mixed configurations of switching and blind actuator are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output. Switching state display for each relay. Manual activation for switching over the relays in parallel or without Instabus operation. Central switch-off with manual activation possible. With integrated bus coupling. Installation on DIN cap rail. Different phase conductors may be connected to the outputs. The ETS3.0d is recommended for configuring and commissioning the device.

Functions of blind actuator outputs:

- Independent control of up to 8 blind outputs.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments to up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Functions of switching actuator outputs:

- Independent switching of the up to 16 switching outputs.
- NO contact or NC contact operation can be set.
- Behaviour after bus voltage failure and return can be set.
- Central switching function.
- Group feedback for reduction of bus load.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage.
- Logical linking function for each output.
- Block function can be parameterised for each channel. As an alternative, forced setting function for each output.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.

Operating voltage: 230 V AC, 50/60 Hz

Switching contact: Relay with 16 x zero-voltage closing contacts

Loading capacity 16 A/AC 1

AC 230 V: 16 AX

Max. switch-on current: 800 A, 200  $\mu$ s

165 A, 20 ms

	Order no.	Packing unit	PS
Connected load:	3000 W ohmic load 16 A, max. 140 $\mu$ F capacitive load AC 230 V 1380 VA motors (blind or fan) 3000 W light bulbs 2500 W HV halogen 1200 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1000 VA fluorescent lamps, not compensated 2300 VA fluorescent lamps duo-circuit 1160 VA fluorescent lamps, parallel-compensated 1000 W mercury-vapour lamps, uncompensated 1160 W mercury-vapour lamps, parallel compensated		
Connections:	Instabus via connection and branch terminal <b>0595 00</b> load via screw terminals 1.5 to 4 mm <sup>2</sup> single-wire 2 x 1.5 to 2.5 mm <sup>2</sup> single-wire 0.75 to 4 mm <sup>2</sup> fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket		
Dimensions:	DRA device, 8 depth module		

**Wind sensor Standard 0913 00 → Page 411.**

**Instabus connection and branch terminal 0595 00 → Page 377.**



Order no.	Packing unit	PS
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Instabus KNX/EIB  
universal dimming actuator, 1-gang

<b>50 – 500 W/VA</b> DRA plus	<b>1031 00</b>	1	26
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**Product family:** Illumination  
**Product type:** Dimmer,  
1-gang DRA universal dimming actuator with integrated bus coupler for switching and dimming various electrical loads. The universal dimming actuator automatically recognises the type of supplied load (inductive, ohmic or capacitive) after the first installation and after it has been disconnected from the power supply system and sets the most suitable dimming method according to the **leading or trailing** edge principle. Inductive (e.g. conventional transformers) and capacitive (e.g. Gira Tronic transformers) loads may not be connected to the same output terminal.

Installation on DIN cap rail. Integrated short-circuit protection and automatic restarting after fault elimination and excess-temperature protection. Power expansion via power boosts.

Functions which can be set via software:

- Switching and dimming of lights
- Switch-on and dimming behaviour can be set with parameters
- Feedback of switching state and brightness value
- „Soft ON“, „Soft OFF“ and time dimmer are configurable
- Dimming or brightening of illumination level
- Time-delayed switch-off when a switch-off brightness is dropped below is possible
- Short-circuit message and message on a load failure possible
- Light scene operation possible
- Blocking operation can be activated with an object with a configurable brightness value at the start and end of a blocking phase
- Behaviour of the dimming actuator following bus voltage recovery adjustable

Rated voltage:	230 V AC, 50/60 Hz
Output:	1
Connected load:	50 to 500 W ohmic load 50 to 500 W light bulbs 50 to 500 W HV halogen 50 to 500 W LV halogen, Gira Tronic transformer 50 to 500 VA LV halogen for wound transformer with at least 85 % rated load
Connections:	Instabus via connection and branch terminal <b>0595 00</b> Load via screw terminals up to 4 mm <sup>2</sup>
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

**Universal power boost 1035 00 → Page 203.**

**Tronic power boost 0380 00 → Page 203.**

**LV power boost 0364 00 → Page 204.**

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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Instabus KNX/EIB  
universal dimming actuator, 2-gang

<b>2 x 300 W/VA</b> DRA plus	<b>1032 00</b>	1	26
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**Product family:** Illumination  
**Product type:** Dimmer  
2-gang DRA universal dimming actuator with integrated bus coupler for switching and dimming various electrical loads. The universal dimming actuator automatically recognises the type of supplied load (inductive, ohmic or capacitive) after the first installation and after it has been disconnected from the power supply system and sets the most suitable dimming method according to the **leading or trailing** edge principle. Inductive (e.g. conventional transformers) and capacitive (e.g. Gira Tronic transformers) loads may not be connected to the same output terminal. However, simultaneous operation, e.g. of inductive loads on channel 1 and capacitive loads on channel 2 is possible.

The total connected load is 600 W/VA with a maximum single-channel load of 400 W/VA.

Installation on DIN cap rail. Multi-phase connection. Integrated short-circuit protection and automatic restarting after fault elimination and excess-temperature protection (separate for each channel). Power expansion via power boosts.

Functions which can be set via software:

- Switching and dimming of lights
- Switch-on and dimming behaviour can be set with parameters
- Feedback of switching state and brightness value
- „Soft ON“, „Soft OFF“ and time dimmer are configurable
- Dimming or brightening of illumination level
- Time-delayed switch-off when a switch-off brightness is dropped below is possible
- Short-circuit message and message on a load failure possible
- Light scene operation possible
- Blocking operation can be activated with an object with a configurable brightness value at the start and end of a blocking phase
- Behaviour of the dimming actuator following bus voltage recovery adjustable

Rated voltage:	230 V AC, 50/60 Hz
Outputs:	2
Connected load per channel:	50 to 300 W ohmic load 50 to 300 W light bulbs 50 to 300 W HV halogen 50 to 300 W LV halogen, Gira Tronic transformer 50 to 300 VA LV halogen for wound transformer with at least 85 % rated load
Connections:	Instabus via connection and branch terminal <b>0595 00</b> Load via screw terminals up to 4 mm <sup>2</sup>
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

**Universal power boost 1035 00 → Page 203.**

**Tronic power boost 0380 00 → Page 203.**

**LV power boost 0364 00 → Page 204.**

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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Instabus KNX/EIB  
universal dimming actuator, 4-gang

4 x 210 W/VA DRA plus	1043 00	1	26
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**Product family:** Illumination  
**Product type:** Dimmer

4-gang DRA universal dimming actuator with integrated bus coupler for switching and dimming various loads. The universal dimming actuator automatically recognises the type of supplied load (inductive, ohmic or capacitive) after the first installation and after it has been disconnected from the power supply system and sets the most suitable dimming method according to the **leading** or **trailing** edge principle. Inductive (e.g. conventional transformers) and capacitive (e.g. Gira Tronic transformers) loads may not be connected to the same output terminal. Manual operation, even without bus voltage or in the unprogrammed state. Status display of the outputs via LED. Installation on DIN cap rail. The connection of different phase conductors is permitted. Integrated short-circuit protection and automatic restarting after fault elimination and excess-temperature protection.

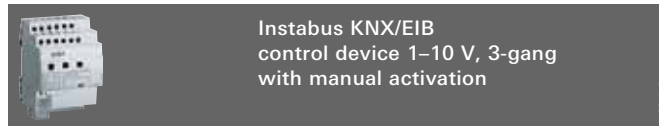
Functions:

- Switching and dimming of lights.
- Switch-on and dimming behaviour can be set with parameters.
- Feedback of switching state and brightness value.
- „Soft ON“, „Soft OFF“ and time dimmer (switch-on, switch-off time delay, staircase light switch) are configurable.
- Feedback can be delayed until after the return of bus voltage.
- Active or passive (object can be read out) cyclical feedback function.
- Dimming or brightening of illumination level.
- Time-delayed switch-off when a switch-off brightness is dropped below is possible.
- Short-circuit message and message on a load failure possible.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Elapsed-hours meter..
- Blocking of individual outputs (manually or with bus).
- Behaviour of the dimming actuator following bus voltage recovery adjustable.

Rated voltage:	230 V AC, 50/60 Hz
Output:	4
Connected load:	20 to 210 W light bulbs 20 to 210 W HV halogen 20 to 210 W LV halogen, Gira Tronic transformer 20 to 210 VA LV halogen, wound transformer 20 to 210 W/VA mixed load ohmic-inductive 20 to 210 W/VA mixed load ohmic-capacitive
Connections:	Instabus via connection and branch terminal <b>0595 00</b> load via screw terminals 1.5 to 4 mm <sup>2</sup> single-wire 2 x 1.5 to 2.5 mm <sup>2</sup> single-wire 0.75 to 4 mm <sup>2</sup> fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket
Load cable length per output:	max. 100 m
Dimensions:	DRA device, 8 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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Instabus KNX/EIB  
control device 1–10 V, 3-gang  
with manual activation

DRA plus	1019 00	1	26
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**Product family:** Illumination  
**Product type:** Dimmer

DRA device for switching and dimming electronic fluorescent-lamp electronic ballasts with 1–10 V control input or other 1–10 V dimmable devices. With relay manual activation and setting of the basic brightness. Multi-phase connection.

Features which can be set via software:

- Switching and dimming electronic fluorescent-lamp in combination with electronic ballast or other 1–10 V dimmable devices
- Switch-on and dimming behaviour can be set with parameters
- Feedback of switching state and brightness value
- „Soft ON“, „Soft OFF“ and time dimmer are configurable
- Dimming or brightening of illumination level
- Time-delayed switch-off when a switch-off brightness is dropped below is possible
- Light scene operation possible
- Blocking operation can be activated with an object with a configurable brightness value at the start and end of a blocking phase
- Behaviour of the dimming actuator following bus voltage recovery adjustable

Electronic control gear generates very high current spikes. For this reason, you should use an initial current limiter or a separate load contactor with greater loads.

Switching contact: Relay with 3 x zero-voltage closing contacts

Loading capacity

AC 230 V: 16 A / AC 1 or 10 A / AC 3

Connected load: 2500 W ohmic load  
1100 W/140 µF capacitive load  
type-dependent electronic ballast  
max. 15 pc. Insta EVG TC 1–10 V single-flame  
max. 12 pc. Insta EVG TC 1–10 V two-flame

1 – 10 V interface: max. 100 mA per channel  
max. 500 m input line with 0.5 mm<sup>2</sup>

Connections: Instabus via connection and branch terminal **0595 00**

1 – 10 V and load via screw terminals

0.2 to 4 mm<sup>2</sup> single-wire

2 x 0.2 to 2.5 mm<sup>2</sup> single-wire

0.75 to 4 mm<sup>2</sup> fine-wire without core jacket

0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

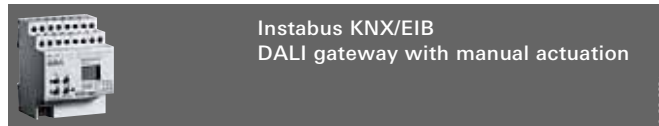
Protection type: IP 20

Dimensions: DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

**Switch-on current limiter 0810 00 → Page 207.**

Order no.	Packing unit	PS
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DRA plus	<b>1060 00</b>	1	26
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**Product family:** Lighting  
**Product type:** Dimmer

The DALI gateway forms the interface between a KNX/EIB installation and a digital DALI lighting system. The DALI gateway enables switching and dimming of a maximum of 64 lights with a DALI operating device (e.g. electronic ballast).

The DALI light groups can be switched on and off or dimmed by means of manual operation on the device parallel to the KNX/EIB, even without bus voltage or in the unprogrammed state (broadcast of all connected DALI lights).

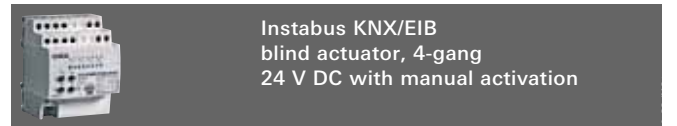
The ETS3.0d is recommended for configuring and commissioning the device. Installation on DIN cap rail. Functions:

- Control of a maximum of 64 DALI devices in a maximum of 32 groups.
- Manual actuation of the groups independent of the bus (including building site operation with broadcast control).
- Feedback of DALI error status or short-circuit and signalling of failure of the power supply.
- Feedback can be delayed until after the return of bus voltage
- Central switching function.
- Active or passive (object can be read out) cyclical feedback function.
- Feedback can be delayed until after the return of bus voltage
- Setting of brightness limits possible.
- Dimming behaviour can be parameterised.
- Soft switch-on or soft switch-off function.
- Block function or as an alternative forced setting function can be parameterised for each group. With block function flashing of light groups is possible.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Inclusion of the groups in up to 16 light scenes possible.
- Reactions in case of bus voltage failure and restoration can be set for each group following an ETS programming process.
- Replacement of a defective DALI device can be on device without software.

Operating voltage:	AC 110 V to 240 V 50/60 Hz
Connections:	Instabus via connection and branch terminal <b>0595 00</b> DALI via screw terminals 0.2 to 4 mm <sup>2</sup> single-wire 2 x 0.2 to 2.5 mm <sup>2</sup> single-wire 0.75 to 4 mm <sup>2</sup> fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket
Cable lengths between gateway and operating device:	Ø 1.5 mm <sup>2</sup> max. 300 m Ø 1.0 mm <sup>2</sup> max. 238 m Ø 0.75 mm <sup>2</sup> max. 174 m Ø 0.5 mm <sup>2</sup> max. 116 m
Temperature range:	-5 °C to +45 °C
Dimensions:	DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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DRA plus	<b>1049 00</b>	1	26
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**Product family:** Blind  
**Product type:** Blinds

4-gang DRA blind actuator with manual activation and status display for each output.


For controlling four independently controllable blind or shutter drives or comparable systems (e.g. 24 V DC roof window motors with linear chain actuators). Blind actuator with integrated bus coupler. Installation on DIN cap rail. Connection of various phases.

Features which can be set via software:

- 4 independent channels for one blind motor each.
- 2 x 2-channel operation possible.
- Blind type can be set (blinds with slat adjustment or shutters).
- Switching time for movement direction change can be set for each output channel.
- Movement time extension for adaptation of various movement times to the upper end position can be set (depending on the drive).
- Ability to move to a specified blind or slat position, or shutter position. The current positions can be read out or sent.
- Two solar protection functions for brightness-dependent moving of the blind, slat or shutter. Logical linking of the freely assignable solar protection objects.
- Two safety functions with cyclical monitoring and separate assignment to the blind or shutter channels. Moving into a configurable end position on activation or deactivation of the safety functions.
- Reaction following the end of a solar protection or central function can be configured.
- 4 central functions possible with 2 x 2-channel operation.
- Reaction after bus voltage failure and return can be set.
- Manual operation of the output channels possible even without bus voltage. Manual operation can be blocked.

Load capacity:	DC 24 V 6 A
Connections:	Instabus via connection and branch terminal <b>0595 00</b> load via screw terminals 0.5 to 4 mm <sup>2</sup> single/fine-wire without core jacket 0.5 to 2.5 mm <sup>2</sup> fine-wire with core jacket
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

**Wind sensor Standard 0913 00 → Page 411.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	Instabus KNX/EIB blind actuator, 4-gang 230 V AC/12-48 V DC with manual activation		
DRA plus	<b>1039 00</b>	1	26

**Product family:** Blind  
**Product type:** Blinds

Blind actuator with manual activation and status display for each output. To control electrically operated blinds, shutters, awnings, ventilation flaps or similar hangings for a mains voltage of 230 V AC (4 channel) or low voltage of 12 to 48 V DC (2 channel). The ETS3.0d is recommended for configuring and commissioning the device. Blind actuator with integrated bus coupler. Installation on DIN cap rail. Connection of various phases. Functions:

- Independent control of the 4 blind outputs.
- Automatic curtain moving time detection for 230 V AC drives with mechanical stop position switches.
- Curtain position can be directly controlled.
- Slat position can be directly controlled.
- Behaviour after bus voltage failure and return can be set.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Central control of all blind outputs possible.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Feedback can be delayed until after the return of bus voltage.
- Assignments to up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring.
- Forced setting function can be realised for each blind output.
- Inclusion in scenes possible, maximum of 8 internal scenes can be parameterised per channel.
- Memory function for light scenes.
- Solar protection function with fixed and variable curtain or slat positions can be activated.
- Extended solar protection with extensive control functions.
- Integration in temperature management of building possible.
- Blocking of individual outputs manually or with bus.

Operating voltage: 230 V AC, 50/60 Hz

AC switching voltage: 230 V AC, 50/60 Hz

Loading capacity

AC 230 V: 6 A/AC1

DC switching voltage: DC 12 to 48 V

Switching capacity

DC 12/24 V: 6 A

Switching capacity


DC 48 V: 3 A

Connections: Instabus via connection and branch terminal **0595 00**  
load via screw terminals  
0.5 to 4 mm<sup>2</sup> single/fine-wire without core jacket  
0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Dimensions: DRA device, 4 depth modules

**Wind sensor Standard 0913 00 → Page 411.**

**Instabus connection and branch terminal 0595 00 → Page 377.**

	Order no.	Packing unit	PS
	Instabus KNX/EIB blind actuator, 4-gang 230 V~ with manual activation		
DRA plus	<b>1050 00</b>	1	26

**Product family:** Blind  
**Product type:** Blinds

4-gang DRA shutter actuator with manual activation and status display for each output. For controlling four independently controllable shutter drives. Shutter actuator with integrated bus coupler. Installation on DIN cap rail. Connection of various phases.

Features which can be set via software:

- „4-channel operation“ or „2 x 2-channel operation“ operating mode can be configured.
- Switching time for movement direction change can be set for each output channel.
- Automatic movement time extension (3 %) for adaptation of various movement times to the upper end position (depending on the drive).
- Two safety functions with cyclical monitoring and separate assignment to the shutter channels. Moving into a configurable end position on activation or deactivation of the safety functions.
- Reaction following the end of the safety function can be configured.
- Reaction after bus voltage failure and return can be set.
- Manual operation of the output channels possible even without bus voltage. Manual operation can be blocked.

Load capacity: 110 to 240 V AC, 50/60 Hz  
6 A at 230 V AC

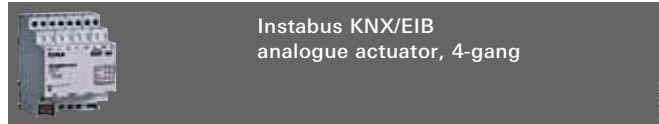
Connections: Instabus via connection and branch terminal **0595 00**  
load via screw terminals  
0.5 to 4 mm<sup>2</sup> single/fine-wire without core jacket  
0.5 to 2.5 mm<sup>2</sup> fine-wire with core jacket

Protection type: IP 20

Dimensions: DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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DRA plus	<b>1022 00</b>	1	26
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**Product family:** Output  
**Product type:** Analogue output, 4-gang  
 4-gang DRA analogue actuator with integrated bus coupling converts KNX/EIB telegrams (1-byte and 2-byte) into analogue output signals. These analogue output signals enable heating, air conditioning and ventilation actuators to adapt their initial parameters based on bus information, and to participate in control processes. The 4 outputs are parameterised to voltage or current signals by the software.

Current signals: 0 to 20 mA, load ≤ 500 Ω  
 4 to 20 mA, load ≤ 500 Ω

Voltage signals: 0 to 1 V, load ≥ 1 kΩ  
 0 to 1 V, load ≥ 1 kΩ  
 0 to 10 V, load ≥ 1 kΩ

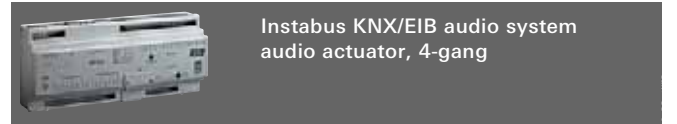
Voltage outputs are monitored for short-circuits. The initial state is indicated by the status LED. The initial parameters can be restrained. Switch off outputs not required. Installation on DIN cap rail. The analogue actuator requires the power supply **1024 00** for supply.

Number of outputs: 4  
 Supply voltage: AC 24 V  
 Connections: Instabus via connection and branch terminal **0595 00**  
 Outputs, supply with screw terminals  
 0.5 to 4 mm<sup>2</sup> single-wire  
 0.34 to 4 mm<sup>2</sup> fine-wire without core jacket  
 0.14 to 2.5 mm<sup>2</sup> fine-wire with core jacket)

Protection type: IP 20  
 Dimensions: DRA device, 4 depth modules

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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DRA	<b>0531 00</b>	1	06
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With the 4-gang audio actuator, the individual sound sources can be selected, or the sound and volume can be changed individually with the Instabus EIB. The audio actuator is mounted on a top-hat rail. It offers 4 independent outputs to which several output amplifiers can be connected. The audio actuator can supply up to four rooms with sound independently. A mute input enables the simultaneous muting of all audio outputs.

If more than 4 mono or 2 stereo zones are required, several audio actuators can be cascaded. The other audio actuators are interconnected with the connection cable **0537 00**. The audio actuator requires a power supply unit **0535 00** or **0536 00** for operation.

Operating functions:

- Amplifier On/Off,
- Volume,
- Selection of source,
- Mandatory/zone call,
- Sound control: Bass, mid-range, treble, mandatory call and zone call


Operating voltage: 22 to 26 V DC  
 Current consumption: 0.2 A  
 Audio inputs: 8 mono or 4 stereo  
 Input voltage: 5 V AC/0.7 V AC (0 dB)  
 Input impedance: 100 kΩ

Audio outputs: 4 mono or 2 stereo  
 Output voltage: 5 V AC/0.7 V AC (0 dB)  
 Output impedance: 47 Ω

Switching output: 4 x 24 V DC, max 10 A  
 Frequency response: Line: 30 Hz to 20000 Hz  
 Mic: 30 Hz to 16000 Hz

Total harmonic distortion: < 0,1 %  
 Temperature range: +5 °C to +45 °C  
 Dimensions: L x W x D 208 x 88 x 60 mm  
 DRA device with approx. 12 depth modules

**Power supply unit, 24 V DC/5 A 0535 00 → Page 301.**  
**Power supply unit, 24 V DC/10 A 0536 00 → Page 301.**  
**Preamplifier, 8-gang 0530 00 → Page 300.**  
**Connection cable 0537 00 → Page 301.**

Order no.	Packing unit	PS
<b>Installation Sensors</b>		
		
<b>Instabus KNX/EIB universal push button interface, 2-gang</b>		
<b>1118 00</b>	1/5	06


**Product family:** Input  
**Product type:** Binary input, 2-gang  
 2-gang flush-mounted binary input, can be used in deep flush-mounted wall box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into Instabus messages. The 2 inputs can be assigned various functions or blocked independently of each other in the process. Both inputs can be parameterised as outputs (max. 0.8 mA).

Features which can be set via software:

- Free assignment of the functions switching, dimming, blind and value transmitter to both inputs or pulse counters and switching counters
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised
- Function as switching output: Behaviour in case of bus failure and return, switch-on and/or switch-off delay or time-switch function, output clocking (flashing of an LED)

Number of inputs: 2  
 Connections: Instabus via connection and branch terminal **0595 00**  
 Input line via 3-pole cable set  
 Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Dimensions: L x W x H 43 x 28 x 15 mm

**Push buttons for low voltage up to 42 V 0138 .., 0153 ..**  
**Push rocker insert, 4-gang 0147 00 → Page 192.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
		
<b>Instabus KNX/EIB universal push button interface, 4-gang</b>		
<b>1119 00</b>	1/5	06

**Product family:** Input  
**Product type:** Binary input, 4-gang  
 4-gang flush-mounted binary input, can be used in deep flush-mounted wall box (60 mm deep) behind a conventional switch/push button, for connection of zero-voltage contacts. The switching operations of zero-voltage contacts are converted into Instabus messages. The 4 inputs can be assigned various functions or blocked independently of each other in the process. Two inputs can be parameterised as outputs (max. 0.8 mA).

Features which can be set via software:


- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switching counters to inputs 1 and 2
- Blocker for blocking individual inputs
- Behaviour when the bus voltage returns can be configured separately for each input
- Telegram rate limiting
- Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
- Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
- Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
- Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
- Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
- Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised
- Function as switching output: Behaviour in case of bus failure and return, switch-on and/or switch-off delay or time-switch function, output clocking (flashing of an LED)

Number of inputs: 4  
 Connections: Instabus via connection and branch terminal **0595 00**  
 Input line via 5-pole cable set  
 Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 Dimensions: L x W x H 43 x 28 x 15 mm

**Push buttons for low voltage up to 42 V 0138 .., 0153 ..**  
**Push rocker insert, 4-gang 0147 00 → Page 192.**  
**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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**Installation Actuators**

	<b>Instabus KNX/EIB valve drive 2</b>		
<b>1097 00</b>	1	06	

**Product family:** Heating, air conditioning, ventilation  
**Product type:** Valves

Electric motor-driven valve drive with two binary inputs (zero-voltage) for installation on thermostat valve bases (recommendation: Heimeier) for the control of heating systems. The two independent, zero-voltage contacts are used, for example, to connect window contacts or conventional switches/push buttons with the functions: switching, dimming, valve transmitter.

The valve drive is a proportional drive and is directly (without additional bus coupler) connected to the Instabus.

Suitable for room temperature control, e.g. on space heaters, radiators, convector heaters, heating circuit distributors on radiant heating systems etc. No additional auxiliary power necessary, as the supply voltage is drawn from the Instabus. The physical address is programmed contact-free with the aid of a programming magnet (included in delivery supply).

Programming LED as status display. Can be controlled with Instabus continuous regulator. The valve lift can be controlled at 256 settings between the completely opened and closed position. Forced position can be configured.


Status signal of the drive via its own status object. Connection, e.g. in conjunction with cord outlet.

Power supply: 24 V DC (+6/-4 V) via Instabus  
 Power consumption: max. 12 mA at 20 V (= 240 mW)  
 Valve stroke: min. 1.0 mm  
 max. 4.5 mm  
 with automatic adjustment to the traversable distance of the thermostat bases to be connected

Running time: 25 s/mm  
 Average temperature: max. 100 °C  
 Protection type: IP 43, (installation in standing vertical position)  
 Dimensions: W x H x D 46 x 87 x 60 mm

**Cover plate of cable branch 0274 ...**  
**Cable branch insert 0400 00 → Page 207.**  
**Door or window contact/VdS 0953 .. → Page 408.**

Order no.	Packing unit	PS
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	<b>Thermal valve drive 230 V~</b>		
<b>1122 00</b>	5	06	

Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.

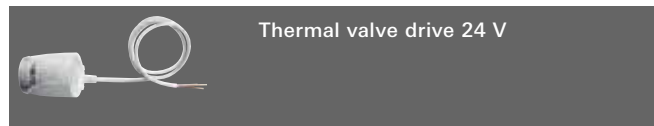
„First-open function“. The valve drive is „normally open“ in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

operating voltage: 230 V AC, 50/60 Hz  
 Power consumption: approx. 2 W  
 Valve stroke: 3 mm  
 Running time: 60 s/mm  
 Regulating power: 90 N  
 Average temperature: max. 100 °C  
 Connection line: 2 x 0.5 mm<sup>2</sup>  
 1 m

Dimensions: W x H x D 43 x 53 x 53 mm

**Valve adapters 1124 00, 1125 00, 1126 00 → Page 376.**  
**Cover plate of cable branch 0274 ...**  
**Cable branch insert 0400 00 → Page 207.**

Order no.	Packing unit	PS
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Thermal valve drive 24 V

1123 00	1	06
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Thermal valve drive for actuation of thermostat valves for single-room control in conjunction with a floor heater, radiator or convection heater. Easy installation via attachment of the valve drive to the valve adapter. The valve adapter enables adaptation to the many different valve lower sections. The valve drive is supplied together with a Heimeier adapter.

„First-open function“. The valve drive is „normally open“ in the state of installation with this function, i.e. heating without electrical control of the actuator is possible in the unfinished state. During start-up, operational readiness (normally closed) is achieved via the initial stroke movement. With status indication (open or closed). Valve adapter for corner valves from Heimeier, Herb, Onda, Schlösser and Oventrop included in scope of supply.

operating voltage: 24 V, 0 - 60 Hz

Power consumption: approx. 2 W

Valve stroke: 3 mm

Running time: 60 s/mm

Regulating power: 90 N

Average temperature: max. 100 °C

Connection line: 2 x 0.5 mm<sup>2</sup>

1 m

Dimensions: W x H x D 43 x 53 x 53 mm

**Valve adapters 1124 00, 1125 00, 1126 00 → Page 376.**

**Cover plate of cable branch 0274 ...**

**Cable branch insert 0400 00 → Page 207.**

Order no.	Packing unit	PS
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Valve adapter for thermal valve drives  
24 V / 230 V

<b>Adapter for Dumser, Vescal, Simplex</b>		
1124 00	5	06

<b>Adapter for MNG, Gazzaniga, Honeywell &amp; Braukmann, Reich, Landis &amp; Gyr</b>		
1125 00	5	06

<b>Adapter for Danfoss RA</b>		
1126 00	5	06

Valve adapter for the thermal valve drive 24 V or 230 V for adaptation to the various valve lower sections.

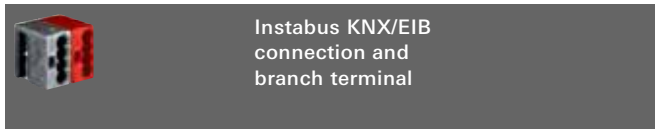
**Thermal valve drive 230 V 1122 00 → Page 375.**

**Thermal valve drive 24 V 1123 00 → Page 376.**



Order no.	Packing unit	PS
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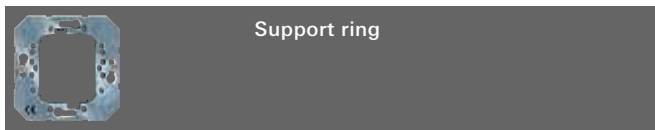
**Accessories**



Instabus KNX/EIB connection and branch terminal

<b>0595 00</b>	50	06
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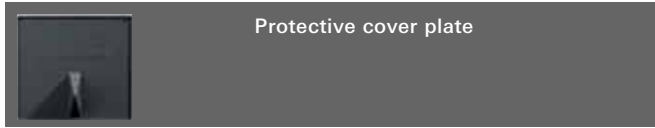
**Product family:** System accessories  
**Product type:** Bus terminals  
 2-pole plug terminal (red/black) for connecting the Instabus wire to the flush-mounted bus coupler or installation/surface-mounted devices. Up to four wires can be connected. Can also be used as a branch terminal in flush-mounted boxes.



Support ring

<b>1127 00</b>	5/25	06
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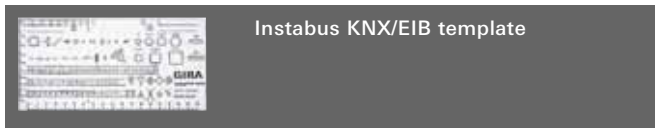
If the push button sensor 2 or the push button sensor 2plus, 5-gang is installed on two flush-mounted wall boxes, the support ring can be used as an additional securing aid. Including attachment screws.  
**Push button sensor 2 1012 .., 1062 .., 1064 .., 1066 .., 2064 .. in Instabus system** → Page 314.  
**Push button sensor 2, 2-gang 1012 .. in radio bus system** → Page 393.  
**Push button sensor 2plus 1055 .., 2053 .., 2056 ..** → Page 323.



Protective cover plate

<b>0015 01</b>	5	06
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Cover plate for protecting the flush-mounted bus coupler and radio wall-transmitter insert against soiling. The protective cover plate is used, for example, when the devices are already installed prior to papering or painting the walls. The protective cover is simply pushed onto the insert.  
**Instabus bus coupler 0570 00, 0645 00** → Page 350.  
**Radio wall transmitter insert 0511 00** → Page 386.

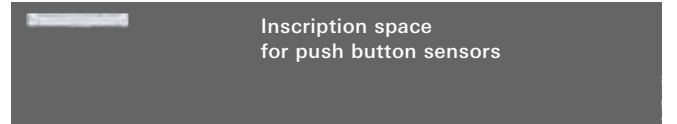


Instabus KNX/EIB template

<b>0905 00</b>	1	09
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Symbol template for entering EIB symbols, e.g. in a building plan, circuit diagram etc. With text field for inscribing the push button sensors with inscription space.

Order no.	Packing unit	PS
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Inscription space for push button sensors

transparent	<b>0014 01</b>	5	06
tinted	<b>0014 06</b>	5	06

Suitable for push button sensors from S-Color. As a spare-part requirement or for exchange.  
**Push button sensor, 1-gang 0881 ..** → Page 325.  
**Push button sensor, 2-gang 0882 ..** → Page 325.  
**Push button sensor, 4-gang 0884 ..** → Page 326.  
**Multi-function push button sensor, 4-gang 0885 ..** → Page 326.  
**Light scene push button sensor, 8-gang 0888 ..** → Page 327.

With the Gira radio bus system, the existing electrical installation in buildings can be modernised quickly, cleanly and economically.

A broad spectrum of state-of-the-art control options can be installed simply via radio without dirt and noise – whether it's in single or multi-family houses, small commercial facilities or installation covering various functions.

The Gira radio bus system makes it easy to realise individually adapted light scene management, central blind control, room temperature control or security functions like a panic function and smoke detectors – all without an infrastructure.

The transmission of signals between the components of the Gira radio bus system occurs via radio, i.e. no need for control lines here. When installed subsequently, the system is mounted easier and faster than any cable-bound installation and can even be taken along when you move.

Battery-powered sensors offer a high degree of flexibility, as they can be installed exactly where they are needed, even if a 230 V line is not available.

Stepping into the world of technology is easy. You need neither training nor software for installation of the Gira radio bus system.

### Advantages

ideal for retrofitting in existing buildings

easy, quick, clean and quiet installation

attractive value for the money

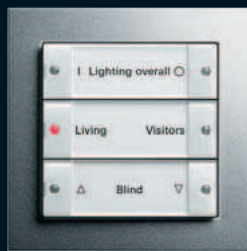
highly flexible: can easily be modified at a later date

extremely easy installation without software or training

the radio Instabus converter represents an interface to the Instabus KNX/EIB system



1



2



3

1  
Electronic blind control  
with radio universal  
transmitter 2, Gira E2 colour  
aluminium

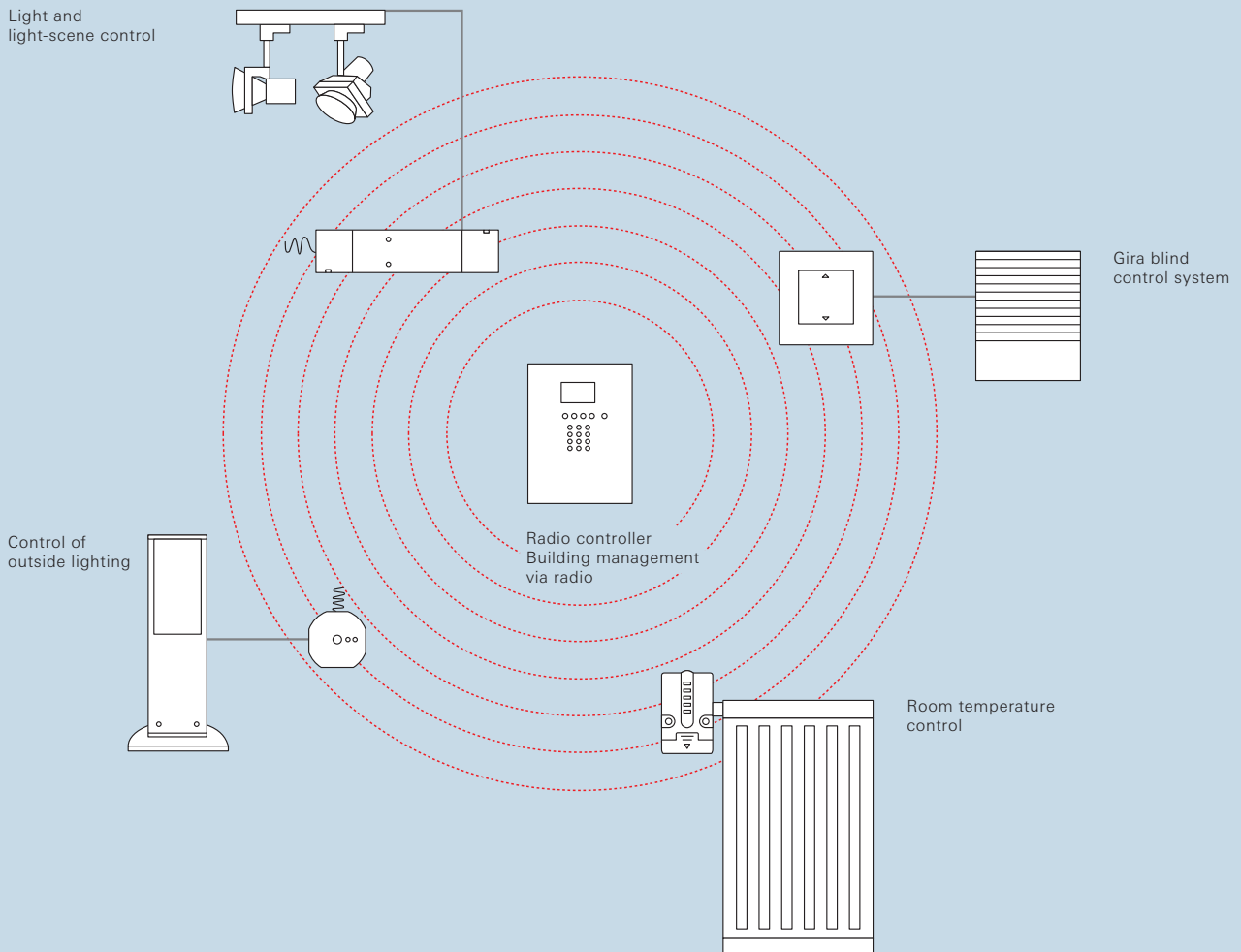
2  
Radio wall transmitter,  
flat design,  
transparent white  
Gira E2, colour aluminium

3  
Radio automatic control switch  
Gira E2, colour aluminium

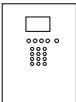
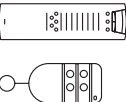
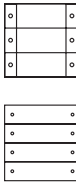

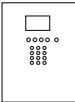
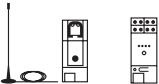
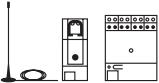
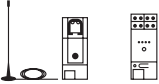


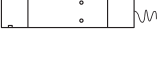


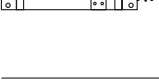

# Gira radio bus system

Gira radio bus system	
Combinations options	380
Transmitter/Receiver	384
Transmitter	385
Cover plates for radio wall transmitter insert	393
Receiver	396
Combination	406
Gateway	406
Accessories	406



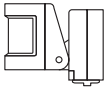




The radio controller acts as a central operating device with which the radio bus components can be addressed and interconnected. In addition, the functions can also be operated with decentralised sensors.



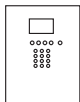
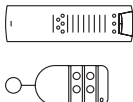
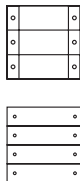
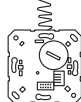


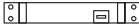

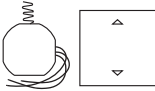



System and function overview

<p><b>Radio transmitter</b></p>	 <p><b>Radio controller</b> 0358 18 Pg. 384</p>	 <p><b>Comfort radio remote control</b> 0527 00 Pg. 385</p> <p><b>Mini hand-held transmitter</b> 0412 00 Pg. 385</p>	 <p><b>Radio wall transmitter, flat design</b></p> <p><b>System 55</b> 1-gang 1111 100 Pg. 386 3-gang 1113 100 Pg. 388</p> <p><b>F100</b> 1-gang 2251 .. Pg. 387 2-gang 2252 .. Pg. 387 4-gang 2254 .. Pg. 388</p>	 <p><b>Radio wall transmitter insert</b> 0511 00 Pg. 386</p> <p><b>f. p. btn. sensor 2</b> 1-gang 1011 .. Pg. 393 2-gang 1012 .. Pg. 393 3-gang 1013 .. Pg. 394</p> <p><b>f. p. btn. sebsir w/inscr. sp.</b> 1-gang 0881 .. Pg. 394 2-gang 0882 .. Pg. 395 4-gang 0884 .. Pg. 395</p>
<p><b>Radio receiver</b></p>				
 <p><b>Controller</b> 0358 18 Pg. 384</p>		<p>Switching Dimming Raising/lowering Temperature steps</p>	<p>Switching Dimming Raising/lowering Temperature steps</p>	<p>Switching Dimming Raising/lowering Temperature steps</p>
 <p><b>DRA reception module</b> 1133 00 Pg. xxx with</p> <p><b>Switch. act., 1-gang</b> 1134 00 Pg. 403 <b>Switch. act., 4-gang</b> 1155 00 Pg. 403</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>
 <p><b>DRA reception module with universal dimming actuator</b> 1135 00 Pg. xxx</p> <p><b>Control unit 1 – 10 V</b> 1137 00 Pg. 405</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>
 <p><b>DRA reception module with radio blind actuator<sup>1</sup></b> 1136 00 Pg. 404</p>	<p>Raising/lowering</p>	<p>Raising/lowering</p>	<p>Raising/lowering</p>	<p>Raising/lowering</p>
 <p><b>Mini radio switching actuator</b> 0565 00 Pg. 396</p>	<p>Pressing</p>	<p>Pressing</p>	<p>Pressing</p>	<p>Pressing</p>
 <p><b>Mini radio switching actuator</b> 0413 00 Pg. 396</p> <p><b>Mini radio switching actuator, 2-channel</b> 0424 00 Pg. 396</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>
 <p><b>Radio switching actuator</b> 0404 00 Pg. 397</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>
 <p><b>Radio socket-outlet adapter for switching</b> 0401 .. Pg. 401</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>
 <p><b>Radio socket-outlet adapter for dimming</b> 1185 .. Pg. 401</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>
 <p><b>Radio universal dimmer 315 W</b> 0809 00 Pg. 400</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>
 <p><b>Radio universal dimmer Mini</b> 2255 00 Pg. 399</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching Dimming</p>

<sup>1</sup> Blind control system, Page 210

 <p><b>Radio universal transmitter 2</b> 0521 00   Pg. 389</p>	 <p><b>Radio multi-function transmitter, 4-gang</b> 0441 00   Pg. 389</p>	  <p><b>Radio observer 180/16</b> 0826 02   S. 390</p> <p><b>Radio automatic control switch</b> 1306 ..   Pg. 391</p>	 <p><b>Radio presence detector</b> 0318 ..   Pg. 390</p>	 <p><b>Radio room temperature sensor with clock</b> 1186 ..   Pg. 391</p>	 <p><b>Radio window contact</b> 2256 ..   Pg. 392</p>
Switching Dimming Raising/lowering Temperature steps	Switching Dimming Raising/lowering Temperature steps	Switching Temperature steps	Switching Temperature steps	Temperature control	
Switching	Switching	Switching	Switching		Switching
Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
Raising/lowering	Raising/lowering				
Pressing	Pressing	Pressing (from Index I01, available starting 2007)	Pressing		Pressing
Switching	Switching	Switching	Switching		Switching
Switching	Switching	Switching	Switching		Switching
Switching	Switching	Switching	Switching		Switching
Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching
Switching Dimming	Switching Dimming	Switching	Switching Constant light control		Switching



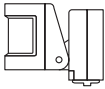




System and function overview

	Radio transmitter				
		 <p><b>Funk controller</b> 0358 18 Pg.384</p>	 <p><b>Comfort radio remote control</b> 0527 00 Pg.385</p>	 <p><b>Radio wall transmitter, flat design</b></p>	 <p><b>Radio wall transmitter insert</b> 0511 00 Pg.386</p>
			<p><b>Mini hand-held transmitter</b> 0412 00 Pg.385</p>	<p><b>System 55</b> 1-gang 1111 100 Pg.386 3-gang 1113 100 Pg.388</p>	<p><b>f. p. btn. sensor 2</b> 1-gang 1011 .. Pg.393 2-gang 1012 .. Pg.393 3-gang 1013 .. Pg.394</p> <p><b>f. p. btn. sebsir w/inscr. sp.</b> 1-gang 0881 .. Pg.394 2-gang 0882 .. Pg.395 4-gang 0884 .. Pg.395</p>
	<b>Radio receiver</b>				
 <p><b>Radio universal cord dimmer</b> 0335 01 Pg.399</p>		Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
 <p><b>Radio top unit for switching and dimming<sup>2</sup></b> 0543 .. Pg.397</p>		Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
 <p><b>Radio control device 1 – 10 V</b> 0865 00 Pg.400</p>		Switching Dimming	Switching Dimming	Switching Dimming	Switching Dimming
 <p><b>Radio power section surface-mounted</b> 0843 02 Pg.402</p>			Switching	Switching	Switching
 <p><b>Mini blind actuator<sup>1</sup></b> 0425 00 Pg.398 <b>Radio blind control button with sensor evaluation<sup>1</sup></b> 0545 .. Pg.398</p>		Raising/lowering	Raising/lowering	Raising/lowering	Raising/lowering
 <p><b>Radio motor valve drive</b> 1187 00 Pg.405</p>		Temperature control			
 <p><b>Radio repeater for greater ranges</b> 0867 00 Pg.406</p>		Telegram repetition	Telegram repetition	Telegram repetition	Telegram repetition
 <p><b>Radio Instabus converter</b> (for transition to Gira Instabus KNX/EIB system<sup>3</sup>) 0868 00 Pg.406</p>			Switching Dimming Raising/lowering	Switching Dimming Raising/lowering	Switching Dimming Raising/lowering

<sup>1</sup> Blind control system, Page 210

<sup>2</sup> System 2000, Page 194

<sup>3</sup> Gira Instabus KNX/EIB system, Page 308

 <p><b>Radio universal transmitter 2</b> 0521 00   Pg. 389</p>	 <p><b>Radio multi-function transmitter, 4-gang</b> 0441 00   Pg. 389</p>	  <p><b>Radio observer 180/16</b> 0826 02   Pg. 390</p> <p><b>Radio automatic control switch</b> 1306 ..   Pg. 391</p>	 <p><b>Radio presence detector</b> 0318 ..   Pg. 390</p>	 <p><b>Radio room temperature sensor with clock</b> 1186 ..   Pg. 391</p>	 <p><b>Radio window contact</b> 2256 ..   Pg. 392</p>	
<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching</p>	<p>Switching Constant light control</p>		<p>Switching</p>	
<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching</p>	<p>Switching Constant light control</p>		<p>Switching</p>	
<p>Switching Dimming</p>	<p>Switching Dimming</p>	<p>Switching</p>	<p>Switching Constant light control</p>		<p>Switching</p>	
<p>Switching</p>	<p>Switching</p>	<p>Switching</p>	<p>Switching</p>		<p>Switching</p>	
<p>Raising/lowering</p>	<p>Raising/lowering</p>					
				<p>Temperature control</p>		
<p>Telegram repetition</p>	<p>Telegram repetition</p>	<p>Telegram repetition</p>	<p>Telegram repetition</p>		<p>Telegram repetition</p>	

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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**Transmitter/Receiver**



Radio controller

Mint glass	<b>0358 18</b>	1	02
Additional master card (replacement)	<b>1131 00</b>	1	02

Radio controller for surface-mounted or flush-mounted installation and for integration in the modular function profile.

The radio controller functions as the central control and operation unit for transmitting and receiving radio telegrams. It enables time-controlled, wireless and securely installed remote control of the various radio receivers. The user-specific programs and settings can be saved to the supplied chipcard. The various radio bus components can be organised in freely-definable groups, e.g. rooms. Easy commissioning via battery power is possible.

The device is installed either in the mounting frame **1251 04**, **1252 04** or in the modular function profile **1371 00**, **1372 00**, **1373 00**.

- Switching, dimming, blind control.
- Time delay switch with DCF 77 receiver.
- Logical links to time and switching functions.
- Occupied-house simulations.
- All-On/Off, light scenes or scenarios such as arriving/departing.
- Temperature-based single-room control. The radio controller specifies the temperature values via time-controlled programs, links or in the manual mode.
- Holidays: A temperature value is permanently set for a certain period (1 to 31 days).
- Frost protection: Temperature value that cannot be overwritten by any other setpoint (e.g. by a time-controlled program).
- Party: On activation, a temperature value is permanently set for a certain time (1, 2, 3 or 4 hours).
- Expansion of the arrival/departure function for temperature control.
- Child-safety via number code.
- Favourites buttons can be set by customers.
- Quick execution of functions with the number buttons.
- Entry of freely definable names for transmitters and receivers.
- Menu control via function buttons.
- Integrated buzzer.
- Function expansion through software update possible.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50/60 Hz
Batteries:	5 x 1.5 V Micro LR03 (AAA) alkaline (not included in the scope of supply; only required for commissioning)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Dimensions:	W x H x D 182 x 240 x 52 mm
Temperature range:	0 °C to +40 °C

**Controllable transmitter:**  
**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1186 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 ..** → Page 385.

**Controllable receiver:**  
**0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0865 00, 1133 00, 1185 .., 1187 00, 2255 00** → Page 396.  
**Radio repeater 0867 00** → Page 406.

**Mounting:**  
**Mounting frames, surface-mounted 1251 04, flush-mounted 1252 04** → Page 384.  
**Modular function profile, installation profile 1371 00, 1372 00, 1373 00** → Page 161.

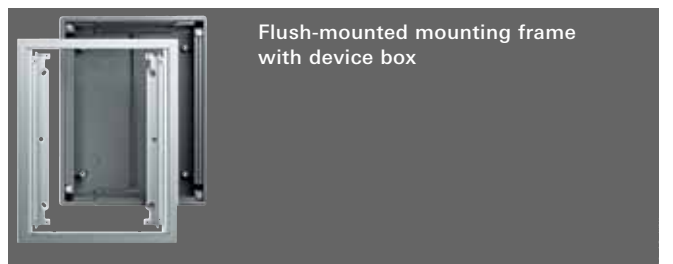


Surface-mounted mounting frame

<b>1251 04</b>	1	02
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Mounting frames made of shatter-proof thermoplastic for surface-mounted installation of individual modules from the modular function profile system. Using the mounting frames, the modules can be installed individually on the wall. It is also possible to combine several mounting frames with one another.

Dimensions:  
 Without module: W x H x D 176 x 246 x 52 mm  
 With module: W x H x D 182 x 246 x 52 mm



Flush-mounted mounting frame with device box

<b>1252 04</b>	1	02
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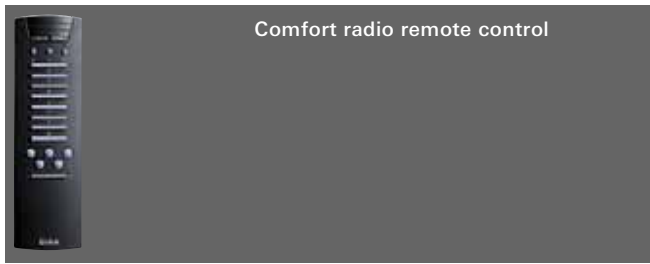
Mounting frames made of diecast zinc with a device box of shatter-proof thermoplastic for flush-mounted installation of individual modules from modular function profile system. Using the flush-mounted mounting frames, the modules can be installed individually both in hollow walls and in masonry. It is also possible to combine several mounting frames horizontally or vertically with one another.

Installation dimensions: W x H x D 194 x 252 x 64 mm



Order no.	Packing unit	PS
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## Transmitter



Comfort radio remote control

0527 00 1 02

The Comfort radio remote control enables cordless control of devices. The Comfort radio remote control has the following operating elements:

- Three group buttons (A, B, C) with accompanying group LED
- Channel buttons (1 to 8)
- All ON button
- All OFF button
- Five light-scene buttons (1 to 5)
- Master button

Any number of radio receivers can be assigned to a channel of the radio remote control.

Three groups (A, B and C) with eight channels each, for switching, dimming and blind, are available, i.e. 24 radio channels can be operated separately.

Up to five light scenes can be called up with the Comfort radio remote control.

Data of the light scene are saved in the radio receiver.

A light scene can be switched/dimmed with the master button.

**Please observe the planning information in the technical appendix.**

Power supply:	6 V DC
Batteries:	Four micro alkaline (LR 03) (not included in scope of supply)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Dimensions:	L x W x H 192 x 53 x 23 mm
Temperature range:	0 °C to +55 °C

**Radio controller 0358 18 → Page 384.**

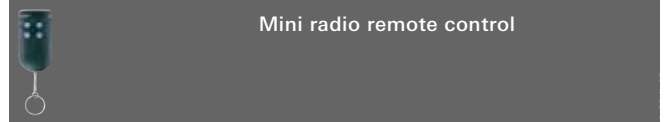
**Controllable receiver:**

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

**Radio repeater 0867 00 → Page 406.**

**Radio Instabus converter 0868 00 → Page 406.**

Order no.	Packing unit	PS
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Mini radio remote control

0412 00 1 02

The Mini radio remote control enables cordless control of devices. With its compact design it can be carried at all times. It transmits a radio telegram when actuated. The radio hand-held transmitter has 4 operating buttons with which 2 radio channels can be controlled. Any number of radio receivers can be assigned to a channel of the radio remote control.

- Eye for attaching radio remote control to key ring.
- Transmission activity is indicated by a red LED.
- Discharge protection, i.e. if a button is pressed for longer than 13 s the Mini radio remote control automatically switches off.

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Dimensions:	L x W x H 73 x 40 x 19 mm
Temperature range:	0 °C to +55 °C

**Radio controller 0358 18 → Page 384.**

**Controllable receiver:**

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

**Radio repeater 0867 00 → Page 406.**

**Radio Instabus converter 0868 00 → Page 406.**

Order no.	Packing unit	PS
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Radio wall transmitter insert

Radio wall transmitter	<b>0511 00</b>	1/5	02
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The radio wall transmitter insert enables cordless, yet securely installed remote control of the radio receiver.

**The radio wall transmitter can only be operated in combination with the Gira push button sensors (1-gang, 2-gang, 3-gang or 4-gang).**

The connection is made via a 10-pole connector strip (AST).

The number of radio channels depends on the push button sensor used (e.g. 1-gang push button sensor => 1 channel radio wall transmitter).

The function of the attached push button sensor is determined with a 4-gang micro-switch.

It sends the following radio telegrams depending on the setting:

- max. four radio channels (1 to 4) or
- max. five light scenes (1 to 5) and All OFF

The wall transmitter is installed in flush-mounted wall boxes or flat surface-mounted cover frames, each with screw attachment.

**Please observe the planning information in the technical appendix.**

Power supply:	6 V DC
Batteries:	2 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	0 °C to +55 °C

#### Top units:

Push button sensor 2, 1011 .., 1012 .., 1013 .. → Page 393.

Push button sensor with inscription space 0881 .., 0882 .., 0884 .. → Page 394.

Radio controller 0358 18 → Page 384.

Controllable receiver:

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

Radio repeater 0867 00 → Page 406.

Radio Instabus converter 0868 00 → Page 406.

#### Installation:

Surface-mounted housing, flat design (E2, Event Esprit)

0219 .. → Page 40.

Surface-mounted housing, flat design (Standard 55)

0219 .. → Page 40.

Order no.	Packing unit	PS
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Radio wall transmitter, flat design, 1-gang

System 55 transparent white	<b>1111 100</b>	1/5	02
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The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. It can be integrated in all **non-metallic** System 55/E22 cover frames. Simple expansion of existing switch combinations. The installation can be carried out without a surface-mounted housing or flush-mounted wall box. The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with a base plate **1110 00**. A 3-gang microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:

- one radio channel or
- one light scene and All OFF

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 384.

Controllable receiver:

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

Radio repeater 0867 00 → Page 406.

Radio Instabus converter 0868 00 → Page 406.


#### Installation:

Base plate for System 55 radio wall transmitter 1110 00 → Page 388.

Fits in all non-metallic cover frames

Standard 55, E2, Event, Esprit from System 55.

Inscription sheets 1090 00 → Page 209.

	Order no.	Packing unit	PS
	Radio wall transmitter, flat design, 1-gang		

<b>F100</b>			
cream white glossy	<b>2251 111</b>	1	02
pure white glossy	<b>2251 112</b>	1	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. The installation can be carried out without surface-mounted or flush-mounted wall box, enabling simple expansion of existing switch combinations.

The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the related base plate (included in scope of supply). Blue LEDs are used to signal an actuation. Large-area inscription space (69 x 67 mm). A microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:

- one radio channel or
- one light scene and All OFF

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

**Radio controller 0358 18** → Page 384.


**Controllable receiver:**

**0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00** → Page 396.

**Radio repeater 0867 00** → Page 406.

**Radio Instabus converter 0868 00** → Page 406.

**Inscription sheets 2871 ..** → Page 209.

	Order no.	Packing unit	PS
	Radio wall transmitter, flat design, 2-gang		

<b>F100</b>			
cream white glossy	<b>2252 111</b>	1	02
pure white glossy	<b>2252 112</b>	1	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. The installation can be carried out without surface-mounted or flush-mounted wall box, enabling simple expansion of existing switch combinations.

The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the related base plate (included in scope of supply). Blue LEDs are used to signal an actuation. Two large-area inscription spaces (33.5 x 67 mm). A microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:

- max. two radio channels or
- max. three light scenes and All OFF

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

**Radio controller 0358 18** → Page 384.

**Controllable receiver:**

**0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00** → Page 396.

**Radio repeater 0867 00** → Page 406.

**Radio Instabus converter 0868 00** → Page 406.

**Inscription sheets 2872 ..** → Page 209.

Order no.	Packing unit	PS
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System 55	transparent white	1113 100	1/5	02
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The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. It can be integrated in all **non-metallic** System 55/E22 cover frames. Simple expansion of existing switch combinations. The installation can be carried out without a surface-mounted housing or flush-mounted wall box. The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with a base plate **1110 00**. A 3-gang microswitch is used to specify the function of the wall transmitter. Sends following radio telegrams depending on setting:

- max. 3 radio channels or
- max. 5 light scenes and All OFF

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

**Radio controller 0358 18** → Page 384.

**Controllable receiver:**

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

**Radio repeater 0867 00** → Page 406.

**Radio Instabus converter 0868 00** → Page 406.

**Installation:**

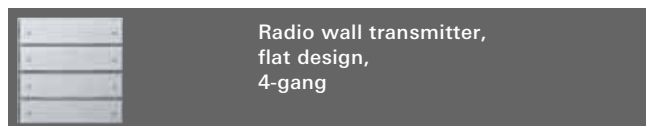
**Base plate for System 55 radio wall transmitter 1110 00** → Page 388.

**Fits in all non-metallic cover frames**

**Standard 55, E2, Event, Esprit from System 55.**

**Inscription sheets System 55, E22 1090 00**

Order no.	Packing unit	PS
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F100	cream white glossy	2254 111	1	02
	pure white glossy	2254 112	1	02

The radio wall transmitter, flat design, enables a wireless but permanently installed remote control of the radio receiver. The installation can be carried out without surface-mounted or flush-mounted wall box, enabling simple expansion of existing switch combinations.

The radio wall transmitter can be attached to walls with screws or glued onto smooth or transparent surfaces with the related base plate (included in scope of supply). Blue LEDs are used to signal an actuation. Four large-area inscription spaces (15.8 x 67 mm). A microswitch is used to specify the function of the wall transmitter.

Sends following radio telegrams depending on setting:

- max. four radio channels or
- max. five light scenes and All OFF

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium round cell (CR 2032) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	Typically 30 m (free field)
Temperature range:	0 °C to +55 °C

**Radio controller 0358 18** → Page 384.

**Controllable receiver:**

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

**Radio repeater 0867 00** → Page 406.

**Radio Instabus converter 0868 00** → Page 406.

**Inscription sheets 2874 ..** → Page 209.



System 55	Four plates	1110 00	1	02
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Base plate set for **non-metallic** cover frames of System 55. The self-adhesive base plates are used as adapter plates for attachment of the flat-design radio wall transmitter to smooth or transparent surfaces, e.g. panes of glass. The base plate provides an optically clean termination in the back.

Can be broken off, and thus also suitable for multiple combinations or for mounting in flush-mounted wall boxes.

**Radio wall transmitter, 1-gang 1111 ..** → Page 386.

**Radio wall transmitter, 3-gang 1113 ..** → Page 388.

**Fits in all non-metallic cover frames**

**Standard 55, E2, Event, Esprit from System 55.**

Order no.	Packing unit	PS
<b>Radio universal transmitter 2</b>		
<b>0521 00</b>	1/5	02

The radio universal transmitter 2 allows the expansion of an existing installation with wireless transmission of switching commands. While controlling both inputs (E1, E2) with mains voltage (230 V AC), radio telegrams are sent. The radio universal transmitter 2 is mounted behind a 230 V flush-mounted insert in a device box pursuant to DIN 49073 (recommendation: deep flush-mounted wall box). The radio universal transmitter 2 has 4 operating modes:

- 2-channel dimming: Connection of conventional push buttons (NO contacts). Pressing the push button leads to switching (toggling) of the telegram type in the transmitter.
- 2-channel switching: Connection of conventional switches (NO contacts). The universal transmitter sends switch-on telegrams for closing and switch-off telegrams for opening. When connecting conventional push buttons (NO contacts), the special function „Bell operation“ is executed, i.e. when the push button is closed, the universal transmitter sends switch-on telegrams; it sends switch-off telegrams when open.
- 1-channel dimming: Connection of conventional push buttons (NO contacts) for sending dimming telegrams.
- 1-channel blind: Connection of a blind switch or a blind controller insert for controlling a blind.

**Please observe the planning information in the technical appendix.**

Power supply: AC 230 V, 50 Hz, N conductor required  
 Transmission frequency: 433.42 MHz  
 Range: approx. 100 m (free field)  
 Temperature range: -20 °C to +55 °C  
 Dimensions: Ø x H 52 x 23 mm

**Radio controller 0358 18 → Page 384.**

**Controllable receiver:**

**0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.**

**Radio repeater 0867 00 → Page 406.**



Order no.	Packing unit	PS
<b>Radio multi-function transmitter, 4-gang</b>		
<b>0441 00</b>	1/5	02

The 4-gang radio multi-function transmitter is a battery-operated radio binary input used for the connection of zero-voltage contacts. It enables cordless transmission of switching and touch commands without a 230 V connection.

Settable functions:

- one- to four-channel switching with conventional switches for the control of switching and dimming or blind actuators
- one- to four-channel button actuation with conventional buttons for the control of switching actuators
- two-channel dimming with serial buttons
- up to 4 channels can be switched or dimmed with a single touch (via toggle switch in transmitter)
- All ON, All OFF or light scenes

The radio multi-function transmitter is mounted behind a flush-mounted insert in a device box pursuant to DIN 49073 (recommendation: deep flush-mounted wall box).

**Please observe the planning information in the technical appendix.**

Inputs: 4  
 Power supply: 3 V DC  
 Battery: 1 x Lithium round cell (CR 2032)  
 (batteries included in the scope of supply are consumables and must be replaced regularly)  
 Input line: 8-wire cable set, approx. 30 cm long, extendible up to 5 m  
 Transmission frequency: 433.42 MHz  
 Range: approx. 100 m (free field)  
 Temperature range: -20 °C to +55 °C  
 Protection type: IP 20  
 Dimensions: W x H x D 45 x 38 x 10 mm

**Radio controller 0358 18 → Page 384.**

**Controllable receiver:**

**0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0425 00, 0543 .., 0545 .., 0565 00, 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.**

**Radio repeater 0867 00 → Page 406.**



Order no.	Packing unit	PS
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Radio observer 180/16

pure white	<b>0826 02</b>	1	08
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The radio observer reacts to heat movement and sends this information to the receiver of the radio bus system. It is operated with a 9 V block battery, and therefore requires no supply cable and can be installed in any desired location.

Switches on the receiver from the radio bus system at an ambient brightness below 80 lux with a delay period of 1 min.

When using a radio power section **0843 02** as a receiver, the power-on time and the brightness can be set. Semi-circular area of detection 16 x 32 m with 144 switching segments on 3 levels. The area of detection can be reduced using the included cover screens.

- Brightness-independent test mode for evaluating the area of detection
- Detection of insufficient battery voltage

**Please observe the planning information in the technical appendix.**

Battery:	9 V alkaline block battery ( <b>not</b> included in scope of supply)
Detection radius:	180°
Working range	3 to 80 lux, normal operation
Evaluation:	3 to 200 lux, post-triggering
Recommended installation height:	2.40 m
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55

**Radio controller 0358 18** → Page 384.

**Controllable receiver:**

0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 396.

**Controllable receiver (switching only):**

0335 01, 0543 .., 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 397.

**Radio repeater 0867 00** → Page 406.

**Radio Instabus converter 0868 00** → Page 406.

**Mounting materials 0839 00, 0968 02, 0838 00, 0848 00** → Page 233.



Order no.	Packing unit	PS
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Radio presence detector

pure white	<b>0318 02</b>	1	02
colour aluminium	<b>0318 04</b>	1	02

The radio presence detector controls the illumination depending on the presence of persons and on the desired lighting conditions. When heat movement is detected, it sends a radio telegram to a radio dimming or switching actuator from Release R2 (see marking on the radio actuators). The radio presence detector is attached under the ceiling and monitors the work area located beneath it. A presence detector is **not** a transit detector.

The presence detector switches on a radio actuator when an adjustable desired brightness value is dropped below and when movement is detected. This actuator carries out a constant light control in dependence on the desired brightness value. Only 2-point control is possible with switching actuators.

The light control remains active as long as movement is detected and the desired brightness value is dropped below. When movement is no longer detected, or if the desired brightness value is exceeded, the radio actuator is switched off following a delay time. The light control can be switched on or off with a radio transmitter.

Several radio presence detectors can be used together as a system (master-slave operation) for monitoring a larger area. A maximum of 8 radio presence detectors can be used in a range zone.

With a Comfort radio hand-held transmitter it is possible to change the desired brightness setpoint or activate the additional functions „switch-on for 2 hours“ or „switch-off for 2 hours“.

Other functions:

- Light-control test mode
- Walking test mode
- Battery status display

**Please observe the planning information in the technical appendix.**

Power supply:	6 V DC
Batteries:	4 x 1.5 V Micro LR03 (AAA) alkaline (not included in scope of supply)

Angle of detection: 360°

Nominal range desk height: Ø5 m

Nominal range floor: Ø8 m

Installation height for nominal range: 2,5 m

Time duration: Approx. 2 minutes to 1 hour

Brightness: approx. 3 to 2000 lux

Transmission frequency: 433.42 MHz

Range: approx. 100 m (free field)

Temperature range: 0 °C to +45 °C

Protection type: IP 20

Dimensions: Ø x H 103 x 43 mm

**Controllable receiver:**

0335 01, 0401 .., 0404 00, 0413 00, 0424 00, 0543 .., 0809 00, 0843 02, 0865 00, 1133 00, 1185 .., 2255 00 → Page 396.

**Transmitter:**

**Radio remote control comfort 0527 00** → Page 385.

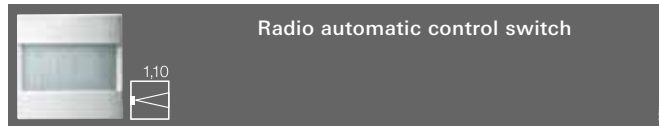
**Transmitter/receiver:**

**Radio controller 0358 18** → Page 384.

**Radio repeater, surface-mounted 0867 00** → Page 406.



Order no.	Packing unit	PS
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Radio automatic control switch			
<b>System 55</b>			
cream white glossy	1306 01	1	02
pure white glossy	1306 03	1	02
pure white matt	1306 27	1	02
anthracite	1306 28	1	02
colour aluminium	1306 26	1	02
<b>F100</b>			
cream white glossy	1306 111	1	02
pure white glossy	1306 112	1	02
<b>S-Color System</b>			
pure white	1306 40	1	02
grey	1306 42	1	02
red	1306 43	1	02
blue	1306 46	1	02
black	1306 47	1	02

The radio automatic control switch reacts to the movement of heat in corresponding darkness and sends a radio telegram to the assigned radio receiver. It can be integrated in all **non-metallic** cover frames. All switching/dimming actuators and the radio power section can be used as radio receivers.

The radio actuators switch the connected lighting on and remain switched on as long as movements are detected. Otherwise the lighting is switched off after a delay time of approx. 1 min. When a radio power section is used, the delay time can be set.

- Walking test mode
- Battery status display
- Brightness value can be set continuously from approx. 0 to 80 lux or daytime operation.
- Sensitivity can be set from 100 % to 20 %.
- With an installation height of 1.10 m: Range 10 m frontal, 6 m to each side, angle of detection 180°

**Please observe the planning information in the technical appendix.**

Power supply:	3 V DC
Battery:	1 x Lithium cell (CR 2450N) (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	+5 °C to +35 °C
Protection type:	IP 20

**Radio controller 0358 18 → Page 384.**

**Controllable receiver:**  
0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 396.

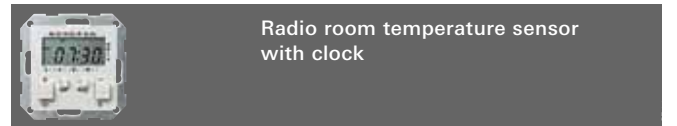
**Controllable receiver (switching only):**  
0335 01, 0543 .., 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 397.

**Radio repeater 0867 00 → Page 406.**

**Radio Instabus converter 0868 00 → Page 406.**



Order no.	Packing unit	PS
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Radio room temperature sensor with clock			
<b>System 55</b>			
cream white glossy	1186 01	1	02
pure white glossy	1186 03	1	02
pure white matt	1186 27	1	02
anthracite	1186 28	1	02
colour aluminium	1186 26	1	02
<b>E22</b>			
Stainless Steel	1186 20	1	02
Aluminium	1186 203	1	02
pure white glossy	1186 03	1	02
<b>F100</b>			
cream white glossy	1186 111	1	02
pure white glossy	1186 112	1	02
<b>S-Color System</b>			
pure white	1186 40	1	02
grey	1186 42	1	02
red	1186 43	1	02
blue	1186 46	1	02
black	1186 47	1	02

Radio room temperature sensor with integrated time clock for temperature-based single-room control. The integrated radio transmitter provides information on the current room temperature, the setpoint temperature and the temperature level currently used to motor valve drives **1187 00**. The room temperature sensor can also act on the radio motor valve drives via the radio controller, in which additional links are possible.

- Time program with up to 32 switching points (default settings pre-programmed at the factory)
- Party function for the extension of the comfort temperature by 1, 2, 3 or 4 hours
- Energy-saving function for manual activation of the night-time reduction until the next switching point
- Automatic summer/winter changeover
- The hours display can be toggled between 12 and 24-hour mode
- Self-teaching heating optimisation
- Vacation reduction via date input

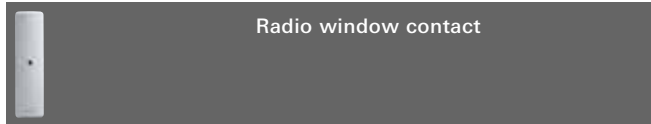
**Please observe the planning information in the technical appendix.**

Rated voltage:	230 V, 50 Hz
Temperature range:	N conductor required +18 °C to +30 °C (comfort temperature) +10 °C to +22 °C (comfort/lowering temperature) +5 °C to +15 °C (frost protection temperature)
Ambient temperature:	0 °C to +50 °C
Transmission frequency:	433.42 MHz

**Radio motor valve drive 1187 00 → Page 405.**  
**Radio controller 0358 18 → Page 384.**

Order no.	Packing unit	PS
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Order no.	Packing unit	PS
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Radio window contact

white	<b>2256 02</b>	1	02
brown	<b>2256 06</b>	1	02

The radio window contact enables wireless transmission of switching commands when doors and windows are opened and closed. Its narrow design even enables installation in tight places around doors and windows. All switching/dimming actuators and the radio power section can be used as radio receivers.

**Please observe the planning information in the technical appendix.**

Power supply:	9 V DC
Battery:	9 V alkaline block battery (batteries included in the scope of supply are consumables and must be replaced regularly)
Transmission frequency:	433.42 MHz
Range:	approx. 100 m (free field)
Temperature range:	-5 °C to +45 °C
Protection type:	IP 20
Dimensions:	
Transmitters:	W x H x D 36 x 132 x 34 mm
Magnet:	W x H x D 12 x 43 x 15 mm

**Controllable receiver:**

0401 .., 0404 00, 0413 00, 0424 00, 0843 02 → Page 396.

**Controllable receiver (switching only):**

0335 01, 0543 .., 0809 00, 0865 00, 1133 00, 1185 .., 2255 00 → Page 397.

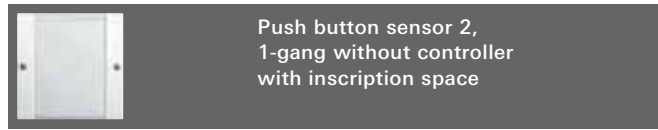
Radio repeater 0867 00 → Page 406.





Order no.	Packing unit	PS
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**Cover plates for radio wall transmitter insert**



Push button sensor 2, 1-gang without controller with inscription space

<b>System 55</b>			
transparent white	<b>1011 100</b>	1/5	06
<b>E22</b>			
Stainless Steel (lacquered)	<b>1011 20</b>	1/5	06
Aluminium (lacquered)	<b>1011 203</b>	1/5	06
transparent white	<b>1011 100</b>	1/5	06
Radio wall transmitter	<b>0511 00</b>	1/5	02

Neutral inscription labels included.

**Radio bus system**

Push button sensor can be attached to radio wall-transmitter insert. Rocker is freely configurable:

- one-channel switching or
  - one channel dimming or
  - 1-channel blind or shutter control or
  - calling up of a light scene and calling up of All OFF.
- Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C  
 Protection type: IP 20  
 connection: 2 x 5-pole plug connector

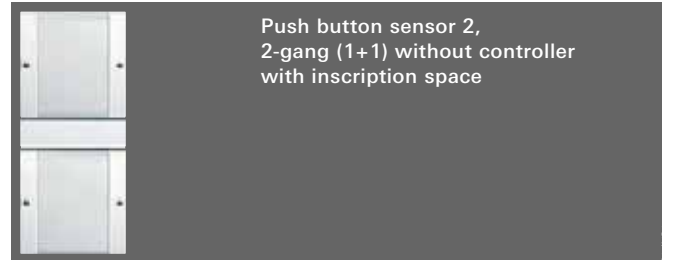
**Radio wall transmitter insert 0511 00 → Page 386.**

**Inscription sheets 1090 00 → Page 209.**

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

Order no.	Packing unit	PS
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Push button sensor 2, 2-gang (1+1) without controller with inscription space

<b>System 55</b>			
transparent white	<b>1012 100</b>	1	06
<b>E22</b>			
Stainless Steel (lacquered)	<b>1012 20</b>	1	06
Aluminium (lacquered)	<b>1012 203</b>	1	06
transparent white	<b>1012 100</b>	1	06
Second support ring	<b>1127 00</b>	5/25	06
Radio wall transmitter	<b>0511 00</b>	1/5	02

Two large operating areas (55 x 55 mm). Neutral inscription labels included.

Use support ring **1127 00** for installation on two flush-mounted wall boxes.

**Radio bus system**

Push button sensor can be attached to **one** radio wall-transmitter insert.

Rockers are freely configurable:

- switching or
  - dimming or
  - blind and shutter control or
  - calling up of max. three light scenes and calling up of All OFF.
- Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C

Protection type: IP 20


connection: 2 x 5-pole plug connector

**Installation only possible in combination with System 55 or E22 cover frame, 2-gang without crossbar 1002 .., 2886 .. .**

**Radio wall transmitter insert 0511 00 → Page 386.**

**Support ring 1127 00 → Page 377.**

**Inscription sheets 1090 00 → Page 209.**

	Order no.	Packing unit	PS
	Push button sensor 2, 3-gang without controller with inscription space		
<b>System 55</b>			
transparent white	<b>1013 100</b>	1/5	06
<b>E22</b>			
Stainless Steel (lacquered)	<b>1013 20</b>	1/5	06
Aluminium (lacquered)	<b>1013 203</b>	1/5	06
transparent white	<b>1013 100</b>	1/5	06
Radio wall transmitter	<b>0511 00</b>	1/5	02

Neutral inscription labels included.

**Radio bus system**

Push button sensor can be attached to radio wall-transmitter insert.

Rockers are freely configurable:

- switching or
- dimming or
- blind or shutter control or
- calling up of max. five light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C

Protection type: IP 20


connection: 2 x 5-pole plug connector

**Radio wall transmitter insert 0511 00 → Page 386.**

**Inscription sheets 1090 00 → Page 209.**

**For integration in Stainless Steel Series 20, Series 21:**

**Intermediate plate 55 x 55 mm 0289 20 → Page 97.**

	Order no.	Packing unit	PS
	Push button sensor, 1-gang with inscription space		
<b>S-Color System</b>			
pure white	<b>0881 40</b>	1/5	06
grey	<b>0881 42</b>	1/5	06
red	<b>0881 43</b>	1/5	06
blue	<b>0881 46</b>	1/5	06
black	<b>0881 47</b>	1/5	06
Radio wall transmitter	<b>0511 00</b>	1/5	02

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Radio bus system**

Push button sensor can be attached to radio wall-transmitter insert.

Rocker is freely configurable:

- 1-channel switching or
- 1-channel dimming or
- 1-channel blind or shutter control or
- calling up of a light scene and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C

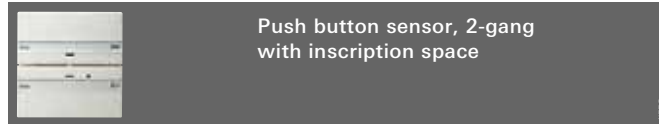
Protection type: IP 20

connection: 2 x 5-pole plug connector

**Radio wall transmitter insert 0511 00 → Page 386.**

**Inscription sheets 1454 00 → Page 208.**

Order no.	Packing unit	PS
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Push button sensor, 2-gang with inscription space

<b>S-Color System</b>			
pure white	<b>0882 40</b>	1/5	06
grey	<b>0882 42</b>	1/5	06
red	<b>0882 43</b>	1/5	06
blue	<b>0882 46</b>	1/5	06
black	<b>0882 47</b>	1/5	06
Radio wall transmitter	<b>0511 00</b>	1/5	02

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Radio bus system**

Push button sensor can be attached to radio wall-transmitter insert. Rockers are freely configurable:

- switching or
- dimming or
- blind or shutter control or
- calling up of max. three light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C

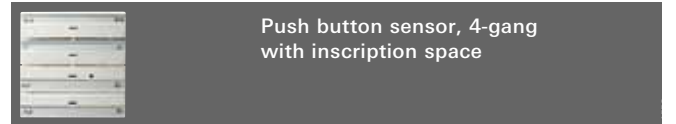
Protection type: IP 20

connection: 2 x 5-pole plug connector

**Radio wall transmitter insert 0511 00 → Page 386.**

**Inscription sheets 1454 00 → Page 208.**

Order no.	Packing unit	PS
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Push button sensor, 4-gang with inscription space

<b>S-Color System</b>			
pure white	<b>0884 40</b>	1/5	06
grey	<b>0884 42</b>	1/5	06
red	<b>0884 43</b>	1/5	06
blue	<b>0884 46</b>	1/5	06
black	<b>0884 47</b>	1/5	06
Radio wall transmitter	<b>0511 00</b>	1/5	02

Disassembly safeguard via high level of pull-off force. Pre-printed inscription labels with common symbols included in scope of supply.

**Radio bus system**

Push button sensor can be attached to radio wall-transmitter insert. Rockers are freely configurable:

- switching or
- dimming or
- blind or shutter control or
- calling up of max. five light scenes and calling up of All OFF.

Telegram transmission confirmation via red LED.

Temperature range: -5 °C to +45 °C

Protection type: IP 20

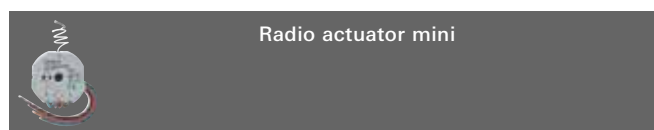
connection: 2 x 5-pole plug connector

**Radio wall transmitter insert 0511 00 → Page 386.**

**Inscription sheets 1454 00 → Page 208.**

Order no.	Packing unit	PS
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## Receiver



Radio actuator mini

**Mini radio switching actuator**

Mini	<b>0413 00</b>	1	02
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**Mini radio momentary-contact actuator**

Mini	<b>0565 00</b>	1/5	02
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The mini radio actuators are mounted in a device box pursuant to DIN 49073 (deep box) behind a flush-mounted insert or in a cover box. Up to 14 radio channels can be assigned to the mini radio actuators.

**Attention:** Observe the max. connection values in conjunction with switched socket outlets.

**Please observe the planning information in the technical appendix.**

Power supply: 230 V AC, 50 Hz  
 Switching contact: Relay contact 8 A  
 Contact rating: 1000 W light bulbs  
 1000 W HV halogen  
 750 VA LV halogen for wound transformer with at least 85 % rated load  
 750 W LV halogen, Gira Tronic transformer  
 500 VA fluorescent lamps, not compensated  
 400 VA fluorescent lamps, parallel-compensated  
 1000 VA fluorescent lamps, dual switching  
 Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!

Reception frequency: 433.42 MHz  
 Temperature range: -20 °C to +55 °C  
 Protection type: IP 20  
 Dimensions: Ø x H 52 x 23 mm

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 385.**

**Mini radio switching actuator**

The radio switching actuator mini is used to switch electrical loads via radio.

- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- The switching actuator can be integrated into up to five light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).

**Note:** A combination of presence detectors and observers cannot be assigned.

**Mini radio momentary-contact actuator**

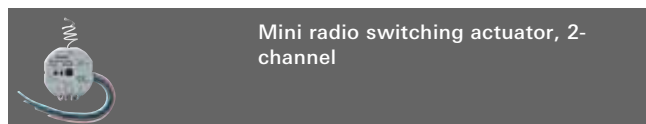
The radio momentary-contact actuator mini closes its relay contact as long as it receives assigned radio telegrams to switch on (max. 12 sec.). These telegrams are sent via a remote control, for example. If no more radio telegrams are received, the radio momentary-contact actuator opens the relay contact again. When a radio controlled observer telegram is received the switching actuator switches on for 0.3.

**Note:** The following functions are not supported by the radio momentary-contact actuator: All ON, All OFF, light scenes and light control.

**Note:** A combination of presence detectors and observers cannot be assigned.



Order no.	Packing unit	PS
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Mini radio switching actuator, 2-channel

Mini	<b>0424 00</b>	1/5	02
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The radio switching actuator mini 2-channel makes independent switching of two electrical loads (230 V AC/6 A) possible. It is mounted in a device box pursuant to DIN 49073 (deep box) behind a flush-mounted insert or in a cover box. Up to 7 radio channels per switching channel can be assigned to the radio switching actuator.

**Attention:** Observe max. connection value in conjunction with switched socket outlets.

- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- The switching actuator can be integrated into up to five light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).

**Note:** A combination of presence detectors and observers cannot be assigned.

**Please observe the planning information in the technical appendix.**

Power supply: 230 V AC, 50 Hz  
 Switching contacts: µ-Relay contact 6 A  
 Contact rating per channel: 350 W light bulbs  
 300 W HV halogen  
 350 VA LV halogen for wound transformer with at least 85 % rated load  
 300 W LV halogen, Gira Tronic transformer  
 350 VA fluorescent lamps, not compensated

Reception frequency: 433.42 MHz  
 Temperature range: -20 °C to +55 °C  
 Protection type: IP 20  
 Dimensions: Ø x H 52 x 23 mm

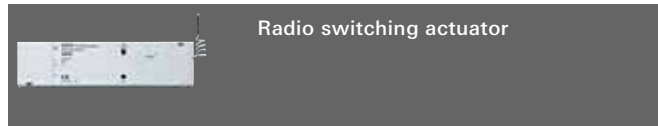
**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 385.**



Order no.	Packing unit	PS
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Radio switching actuator

Surface-mounted installation housing	<b>0404 00</b>	1	02
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The radio switching actuator is used to switch electrical loads (230 V AC / 10 A) via radio. The radio actuators can also be operated or programming mode can be activated via an auxiliary input (230 V AC) with an installation button. Up to 30 radio channels can be assigned to the radio actuators.

- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- The switching actuator can be integrated into up to five light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).

**Note:** A combination of presence detectors and observers cannot be assigned.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Switching contact:	relay (10 A)
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Dimensions:	L x W x H 175 x 42 x 18 mm

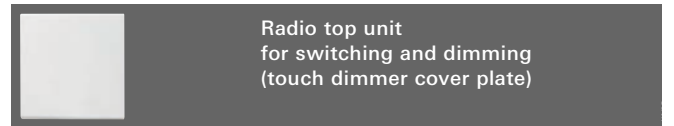
**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 385.**



Order no.	Packing unit	PS
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Radio top unit for switching and dimming (touch dimmer cover plate)

System	Order no.	Packing unit	PS
<b>System 55</b>			
cream white glossy	<b>0543 01</b>	1/5	02
pure white glossy	<b>0543 03</b>	1/5	02
pure white matt	<b>0543 27</b>	1/5	02
anthracite	<b>0543 28</b>	1/5	02
colour aluminium	<b>0543 26</b>	1/5	02
<b>E22</b>			
Stainless Steel	<b>0543 20</b>	1/5	02
Aluminium	<b>0543 203</b>	1	02
pure white glossy	<b>0543 03</b>	1/5	02
<b>F100</b>			
cream white glossy	<b>0543 111</b>	1/5	02
pure white glossy	<b>0543 112</b>	1/5	02
<b>S-Color System</b>			
pure white	<b>0543 40</b>	1/5	02
grey	<b>0543 42</b>	1/5	02
red	<b>0543 43</b>	1/5	02
blue	<b>0543 46</b>	1/5	02
black	<b>0543 47</b>	1/5	02

The radio top unit allows switching and dimming of various electrical loads as soon as it receives a certain radio telegram. Installed in conjunction with the System 2000 inserts in a device box pursuant to DIN 49073.

The illumination can be switched on/off and made lighter/darker via a radio remote control, a radio wall transmitter or manually.

Special function of radio observer:

With reception of a radio telegram of the radio observer, the top unit switches on for approx. 1 min.

The desired brightness value can be saved (memory function).

Up to 30 radio channels can be allocated to the radio top unit for switching and dimming.

The radio top unit can be included in light scenes.

These are called up via the radio remote control or wall transmitter. Up to 5 light scenes can be saved.

When a channel is allocated to the radio top unit, the All-ON button of the radio remote control or the All-OFF button of the radio remote control or wall transmitter is automatically allocated as well.

The setting of the programming mode occurs while switched off via the centre button (> 4 s).

**Please observe the planning information in the technical appendix.**

Power supply:	from flush-mounted insert
Temperature range:	0 °C to +55 °C
Reception frequency:	433.42 MHz

**System 2000 dimmer inserts 0305 00, 0331 00, 0860 00 → Page 194.**

**System 2000 switch inserts 0303 00, 0853 00, 0854 00, 0866 00, 1148 00 → Page 195.**

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 385.**

**Radio controlled observer (only switching here) 0826 02 → Page 390.**

**Radio automatic control switch (only switching here) 1306 .. → Page 391.**

Order no.	Packing unit	PS
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Mini radio blind actuator

Order no.	Packing unit	PS
0425 00	1/5	02

The radio blind actuator mini allows remote control via radio of a blind or shutter motor. It is mounted in a device box pursuant to DIN 49073 (deep box) behind a flush-mounted insert or in a water-protected surface-mounted box in a shutter module. Up to 14 radio channels can be assigned to the radio blind actuator.

- With a brief press of a button (< 1 s) of a radio hand-held or wall transmitter, a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) of a radio hand-held or wall transmitter activates continuous operation for approx. 2 min
- The end position of the blind (all the way up, all the way down) can be combined with the illumination into light scenes
- Electronic locking of the radio blind actuator

**Please observe the planning information in the technical appendix.**

Power supply: AC 230 V, 50 Hz, N conductor required  
 Contact rating: max. 700 VA  
 relay output: 2 NO contact relays (potentially charged and locked back-to-back)

Switching time with change of movement direction: approx. 1 second  
 extended run: approx. 2 min  
 Reception frequency: 433.42 MHz  
 Temperature range: -20 °C to +55 °C  
 Protection type: IP 20  
 Dimensions: Ø x H 52 x 23 mm

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 385.



Order no.	Packing unit	PS
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Radio blind control button with sensor evaluation

Order no.	Packing unit	PS
-----------	--------------	----

System 55	Order no.	Packing unit	PS
cream white glossy	0545 01	1/5	02
pure white glossy	0545 03	1/5	02
pure white matt	0545 27	1/5	02
anthracite	0545 28	1/5	02
colour aluminium	0545 26	1/5	02

E22	Order no.	Packing unit	PS
Stainless Steel	0545 20	1/5	02
Aluminium	0545 203	1	02
pure white glossy	0545 03	1/5	02

F100	Order no.	Packing unit	PS
cream white glossy	0545 111	1	02
pure white glossy	0545 112	1	02

S-Color System	Order no.	Packing unit	PS
pure white	0545 40	1/5	02
grey	0545 42	1/5	02
red	0545 43	1/5	02
blue	0545 46	1/5	02
black	0545 47	1/5	02

The radio control button with sensor evaluation is installed in conjunction with the blind controller insert **0388 00**, **0395 00**, **0398 00** or **0399 00** in a 60 mm flush-mounted box (deep box recommended). Control button top unit with large operating area for manual operation of blind and shutter motors.

- When a button is pressed briefly (< 1 s), a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) activates continuous operation (self-locking mode).
- Electronic locking of control button.
- Option for connecting sun sensor **0930 00**, **1117 00** for protection against direct sunlight.
- Brightness value can be set steplessly between approx. 5,000 and 80,000 lux.
- Option for connecting glass-breakage sensor **0931 00** for protection during shaking of glass, glass breakage or burglary.
- The sensor cable is connected to the control button or blind controller insert via a screw terminal.
- The end position of the blinds (all the way up, all the way down) can be combined with the illumination into light scenes.

The programming mode is set by touching the centre of the button (> 4 s).

**Please observe the planning information in the technical appendix.**

Power supply: from flush-mounted insert  
 Switching time with change of movement direction: approx. 1 second  
 Reception frequency: 433.42 MHz  
 Temperature range: 0 °C to +55 °C

**Blind controller insert 0388 00, 395 00, 0398 000, 399 00 → Page 214.**

**Sun and twilight sensor 0930 00 → Page 215.**

**Sun and twilight sensor for outside 1117 00 → Page 215.**

**Glass-breakage sensor 0931 00 → Page 216.**

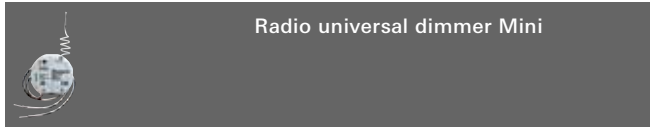
**Adapter for sensors 0934 00 → Page 216.**

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 385.

Order no.	Packing unit	PS
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<b>50 – 210 W/VA</b>			
Flush-mounted	<b>2255 00</b>	1	02

The radio universal dimmer Mini enables switching and dimming of various electrical loads. After the initial installation and the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **leading edge** or **trailing edge** principle. Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal dimmer Mini at the same time.

On/Off function on device, dimming function via corresponding radio transmitters.

- Short-circuit and excess-temperature protection
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio universal dimmer.
- When a radio controlled observer telegram is received, the radio universal dimmer switches on for a delay time of approx. 1 minute.
- The radio universal dimmer can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.

**Note:** A combination of presence detectors and observers cannot be assigned.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 210 W/VA
	230 V light bulbs
	(ohmic load, <b>trailing edge</b> )
	HV halogen
	(ohmic load, <b>trailing edge</b> )
	Gira Tronic transformer
	(capacitive load, trailingedge control)
	<b>or</b>
	wound transformers
	(inductive load, <b>leading edge</b> )
	Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Reception frequency:	433.42 MHz
Dimensions:	∅ x H 52 x 28 mm

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → **Page 385.**

**Radio controlled observer (only switching here)**

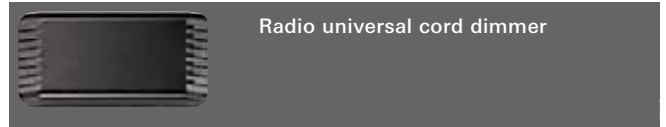
0826 02 → **Page 390.**

**Radio automatic control switch (only switching here)**

1306 .. → **Page 391.**



Order no.	Packing unit	PS
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<b>50 – 315 W/VA</b>			
black	<b>0335 01</b>	1	02

The radio universal cable dimmer enables switching and dimming of standing and table lamps with different load types. The cable dimmer is installed in the cable of the lights. After the initial installation and once the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **trailing edge** control or **leading edge** control.

Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal cable dimmer at the same time.

On/Off function at device, dim function via respective radio transmitter.

Auxiliary unit operation is possible in conjunction with the System 2000 auxiliary insert.

- Short-circuit and excess-temperature protection
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio universal cable dimmer.
- When a radio controlled observer telegram is received, the radio universal cord dimmer switches on for a delay period of approx. 1 minute.
- The radio universal cable dimmer can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.

**Note:** A combination of presence detectors and observers cannot be assigned.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Connected load:	50 to 315 W/VA
	230 V light bulbs
	(ohmic load, <b>trailing edge</b> )
	HV halogen
	(ohmic load, <b>trailing edge</b> )
	Gira Tronic transformer
	(capacitive load, trailingedge control)
	<b>or</b>
	wound transformers
	(inductive load, <b>leading edge</b> )
	Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).

Power boosts to be connected:	max. 10
Reception frequency:	433.42 MHz
Dimensions:	L x W x H 126 x 60 x 28 mm
Temperature range:	0 °C to +55 °C

**System 2000 auxiliary insert 0333 00 → Page 198.**

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → **Page 385.**

**Radio controlled observer (only switching here)**

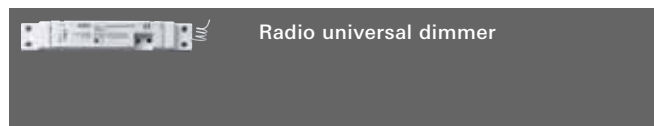
0826 02 → **Page 390.**

**Radio automatic control switch (only switching here)**

1306 .. → **Page 391.**



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
0809 00	1	02

The radio universal dimmer enables switching and dimming of various electrical loads. After the initial installation and once the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **trailing edge** control or **leading edge** control. Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal dimmer at the same time.

On/Off function at device, dim function via respective radio transmitter.

Auxiliary unit operation is possible in conjunction with the System 2000 auxiliary insert.

- Short-circuit and excess-temperature protection
- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio universal dimmer.
- When a radio controlled observer telegram is received, the radio universal dimmer switches on for a delay period of approx. 1 minute.
- The radio universal dimmer can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.  
**Note:** A combination of presence detectors and observers cannot be assigned.
- Power expansion via power boosts

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Connected load:	50 to 315 W/VA 230 V light bulbs (ohmic load, <b>trailing edge</b> ) HV halogen (ohmic load, <b>trailing edge</b> ) Gira Tronic transformer (capacitive load, <b>trailing edge</b> control) <b>or</b> wound transformers (inductive load, <b>leading edge</b> ) Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Reception frequency:	433.42 MHz
Dimensions:	L x W x H 187 x 28 x 28 mm
Temperature range:	0 °C to +55 °C

System 2000 auxiliary insert 0333 00 → Page 198.

Radio controller 0358 18 → Page 384.

Radio transmitter:

0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 385.

Radio controlled observer (only switching here)

0826 02 → Page 390.

Radio automatic control switch (only switching here) 1306 ..

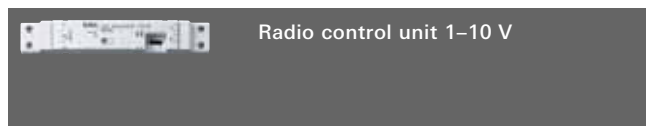
Universal power boost 1035 00 → Page 203.

Tronic power boost 0380 00 → Page 203.

LV power boost 0364 00 → Page 204.



Order no.	Packing unit	PS
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Order no.	Packing unit	PS
0865 00	1	02

The radio control device 1–10 V enables switching and dimming of fluorescent lamps via electronic ballast or electronic transformers with standardised 1–10 V interfaces pursuant to DIN EN 60928 (electrically isolated between mains supply and 1–10 V input).

On/Off function at device, dim function via respective radio transmitter.

- The desired brightness value can be saved (memory function).
- Up to 30 radio channels can be assigned to the radio control device.
- When a radio controlled observer telegram is received, the radio control device switches on for a delay period of approx. 1 minute.
- The radio control device can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.  
**Note:** A combination of presence detectors and observers cannot be assigned.
- Fixed connection cable for easy installation.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Control voltage:	1 to 10 V
Control current:	max. 15 mA
Electrical isolation	
1 – 10 V:	2 kV base insulation
Connected load	
Ohmic load:	max. 1800 W
Electronic ballast, transformer:	type dependent
Reception frequency:	433.42 MHz
Dimensions:	L x W x H 187 x 28 x 28 mm
Temperature range:	0 °C to +55 °C

Radio controller 0358 18 → Page 384.

Radio transmitter:

0318 .., 412 00, 0441 00, 0511 00, 0521 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 385.

Radio controlled observer (only switching here)

0826 02 → Page 390.


Radio automatic control switch (only switching here)

1306 .. → Page 391.

Switch-on current limiter 0810 00 → Page 207.





	Order no.	Packing unit	PS	
	<b>Radio socket outlet adapter for switching</b>			
	pure white	<b>0401 02</b>	1	02
	anthracite	<b>0401 10</b>	1	02

The radio socket outlet adapter is used for switching electrical loads (230 V AC) with a power plug. It has integrated child protection (increased contact protection in accordance with E VDE 0624). The radio socket outlet adapter can be assigned up to 30 radio channels.

- When a radio controlled observer telegram is received, the socket outlet adapter switches on for a delay period of approx. 1 minute.
- The socket outlet adapter can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- Light control with a radio presence detector in 2-point mode (load switched on or off).

**Note:** A combination of presence detectors and observers cannot be assigned.


**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50/60 Hz
fuse protection:	T 6.3 H 250 V
Contact rating:	1000 W light bulbs
	1000 W HV halogen
	750 VA LV halogen for wound transformer with at least 85 % rated load
	750 W LV halogen, Gira Tronic transformer
	500 VA fluorescent lamps, not compensated
	400 VA fluorescent lamps, parallel-compensated
	1000 VA fluorescent lamps, dual switching
	Observe high peak switch-on currents with „energy saving lamps“. Check suitability of the lamps before use!
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Dimensions:	L x W x D 136 x 70 x 72 mm

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 385.**

	Order no.	Packing unit	PS	
	<b>Radio socket outlet adapter for dimming</b>			
	<b>50 – 420 W/VA</b>			
	pure white	<b>1185 02</b>	1	02
	anthracite	<b>1185 10</b>	1	02

The radio socket outlet adapter for dimming allows radio-controlled switching and dimming of lights. It has integrated child protection (increased contact protection in accordance with E VDE 0624). After the initial installation and once the mains supply is cut off, the radio socket outlet adapter automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **leading edge** or **trailing edge** principle. Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio socket outlet adapter at the same time. On/Off function on device, dimming function via corresponding radio transmitters.

- Short-circuit and excess-temperature protection.
  - The desired brightness value can be saved (memory function).
  - Up to 30 radio channels can be assigned to the radio socket outlet adapter.
  - When a radio controlled observer telegram is received, the radio socket outlet adapter switches on for a delay period of approx. 1 minute.
  - The radio socket outlet adapter can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
  - Automatic assignment of an existing All ON or All OFF button.
  - Light control can be carried out with a radio presence detector.
- Note:** A combination of presence detectors and observers cannot be assigned.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50/60 Hz	
Connected load:	50 to 420 W/VA	
	230 V light bulbs (ohmic load, <b>trailing edge</b> )	
	HV halogen (ohmic load, <b>trailing edge</b> )	
	Gira Tronic transformer (capacitive load, trailingedge control)	
	<b>or</b>	
	wound transformers (inductive load, <b>leading edge</b> )	
	Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).	
	Reception frequency:	433.42 MHz
	Dimensions:	L x W x D 136 x 70 x 72 mm
	Temperature range:	+5 °C to +35 °C

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

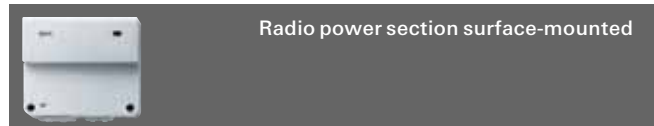
**0318 .., 0412 00, 0441 00, 0511 00, 0527 00, 1111 .., 1113 .., 2251 .., 2252 .., 2254 .. → Page 385.**

**Radio universal transmitter 2 (only switching here) 0521 00 → Page 389.**

**Radio controlled observer (only switching here) 0826 02 → Page 390.**

**Radio automatic control switch (only switching here) 1306 .. → Page 391.**

Order no.	Packing unit	PS
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pure white	<b>0843 02</b>	1	08
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The radio power section enables switching of electrical loads. On the receipt of the radio telegram of a radio observer **0826 02** or radio presence detector **0318 02/04**, the brightness value, which when dropped below activates the system, can also be set in the radio power section.

Switch-on time: In the range 10 s to 15 min continuously adjustable

Brightness sensor: 3 to 80 lux

In combination with a conventional push button (NC contact) or a radio hand-held/wall or multi-function transmitter, additional functions (brightness-independent) in the radio power section enable switching on for the duration of the set time, permanent-on or permanent-off. In each case, the device switches back to the normal mode again after 2 hours.

Up to 30 radio channels can be allocated to the radio power section.

**Please observe the planning information in the technical appendix.**

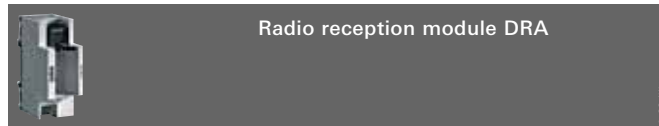
Power supply:	230 V AC, 50 Hz
Switching contact:	Relay
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Reception frequency:	433.42 MHz
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Dimensions:	W x H x D 110 x 94 x 38 mm

#### Radio transmitter:

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 ..** → Page 385.



Order no.	Packing unit	PS
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DRA	<b>1133 00</b>	1	02
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The radio reception module receives radio telegrams and forwards these to the various radio DRA actuators via a separate data cable. The device has an integrated antenna for receiving the radio telegrams. In unfavourable installation conditions (e.g. metal distribution cabinet), an external antenna (radio additional antenna DRA **1138 00**) can be connected.

A shielded cable with twisted wires and a cable diameter of 0.8 mm is to be used. The entire length of the data cable to the radio DRA actuators may not exceed 3 m. Up to 30 radio DRA actuators can be networked with a radio reception module.

Installation on DIN cap rail.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50/60 Hz
Data cable:	J-Y(St)Y 2x2x0.8 YCM 2x2x0.8
Length of the data cable:	max. 3 m
Reception frequency:	433.42 MHz
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

**Radio additional antenna DRA 1138 00** → Page 402.

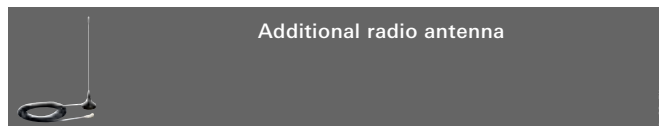
**Radio controller 0358 18** → Page 384.

#### Radio transmitter:

**0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 ..** → Page 385.

#### Controllable receiver:

**1134 00, 1135 00, 1136 00, 1137 00, 1155 00** → Page 403.



	<b>1138 00</b>	1	02
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External antenna for the radio reception module DRA **1133 00** in unfavourable installation conditions (e.g. metal distribution cabinet).  
**Radio reception module DRA 1133 00** → Page 402.

Order no.	Packing unit	PS
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Radio switching actuator, 1-gang DRA

DRA	1134 00	1	02
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The radio switching actuator receives radio telegrams for switching electrical loads (230 V AC/ 10 A) from the radio reception module **1133 00** via a separate data cable. Installation on DIN cap rail. The radio switching actuator can also be operated via an auxiliary unit (push button).

- Max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- Light control with a radio presence detector in 2-point mode (load switched on or off).

**Note:** A combination of presence detectors and observers cannot be assigned.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Switching contact:	relay (10 A)
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

**Radio reception module DRA 1133 00 → Page 402.**



Order no.	Packing unit	PS
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Radio switching actuator, 4-gang, with DRA manual activation

DRA	1155 00	1	02
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The radio switching actuator receives radio telegrams for switching electrical loads (230 V AC/ 10 A) from the radio reception module **1133 00** via a separate data cable. Installation on DIN cap rail.

- Max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Automatic assignment of an existing All ON or All OFF button.
- When a radio controlled observer telegram is received, the switching actuator switches on for a delay period of approx. 1 minute.
- Light control with a radio presence detector in 2-point mode (load switched on or off).

**Note:** A combination of presence detectors and observers cannot be assigned.

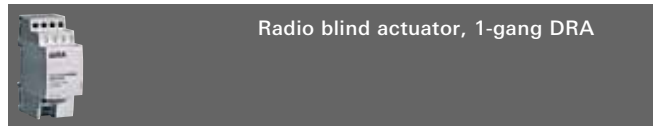
**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50/60 Hz
Switching contact:	relay (10 A)
Contact rating:	2300 W light bulbs 2300 W HV halogen 1000 VA LV halogen, wound transformer 1500 W LV halogen, Gira Tronic transformer 1200 VA fluorescent lamps, not compensated 920 VA fluorescent lamps, parallel-compensated 2300 VA fluorescent lamps, dual switching
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

**Radio reception module DRA 1133 00 → Page 402.**



Order no.	Packing unit	PS
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DRA	<b>1136 00</b>	1	02
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The radio blind actuator receives radio telegrams for the control of a blind or shutter drive from the radio reception module **1133 00** via a separate data cable. Installation on DIN cap rail.

- Max. 14 radio channels.
- The end position of the blind (all the way up, all the way down) can be combined with the illumination into light scenes (max. 5).
- With a brief press of a button (< 1 s) of a radio transmitter, a pulse corresponding to the amount of time the button is pressed is generated (e.g. for slat adjustment).
- Pressing and holding a button (> 1 s) of a radio transmitter activates continuous operation for approx. 2 min
- Electronic locking of the radio blind actuator.

**Please observe the planning information in the technical appendix.**

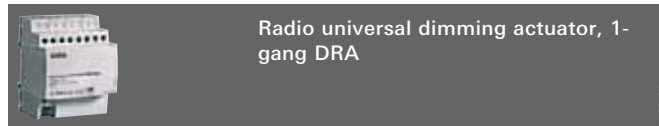
Power supply:	230 V AC, 50 Hz
Contact rating:	max. 700 VA
Relay output:	2 NO contact relays (potentially charged and locked back-to-back)

Switching time with change of movement direction:	approx. 1 second
Extended run:	approx. 2 min
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

Radio reception module **DRA 1133 00** → Page 402.



Order no.	Packing unit	PS
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DRA	<b>1135 00</b>	1	02
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The radio universal dimming actuator receives radio telegrams for switching and dimming various electrical loads from the radio reception module **1133 00** via a separate data cable. After the initial installation and once the mains supply is cut off, the universal dimmer automatically detects the connected load (inductive, ohmic or capacitive) and sets the suitable dimming procedure with **leading edge** or **trailing edge** principle.

Capacitive loads (e.g. Gira Tronic transformers) and inductive loads (e.g. conventional transformers) **cannot** be connected to the radio universal cord dimmer at the same time. Auxiliary unit operation is possible in conjunction with the System 2000 auxiliary insert. Installation on DIN cap rail.

- Max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- Short-circuit and excess-temperature protection.
- The desired brightness value can be saved (memory function).
- When a radio controlled observer telegram is received, the radio universal dimmer switches on for a delay period of approx. 1 minute.
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.

**Note:** A combination of presence detectors and observers cannot be assigned.

- Power expansion via power boosts

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Connected load:	50 to 400 W/VA 230 V light bulbs (ohmic load, <b>trailing edge</b> ) HV halogen (ohmic load, <b>trailing edge</b> ) Gira Tronic transformer (capacitive load, trailingedge control)

**or**

wound transformers  
(inductive load, **leading edge**)

Mixed loads of specified load types. For mixed loads with wound transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).

Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

Radio reception module **DRA 1133 00** → Page 402.

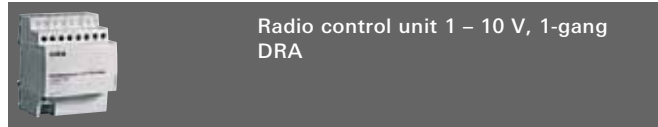
Universal power boost **1035 00** → Page 203.

Tronic power boost **0380 00** → Page 203.

LV power boost **0364 00** → Page 204.



	Order no.	Packing unit	PS
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DRA	<b>1137 00</b>	1	02
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The radio control unit 1–10 V receives radio telegrams from the radio reception module **1133 00** via a separate data cable for switching and dimming fluorescent lamps via electronic ballasts or electronic transformers with standard 1–10 V interface in accordance with DIN EN 60928 (electrical isolation between mains supply and 1–10 V input). Installation on DIN cap rail.

- Max. 30 radio channels.
- It can be integrated into up to 5 light scenes. They are called up and saved with the corresponding radio transmitters (e.g. Comfort remote control).
- The desired brightness value can be saved (memory function).
- When a radio controlled observer telegram is received, the radio control device switches on for a delay period of approx. 1 minute.
- Automatic assignment of an existing All ON or All OFF button.
- Light control can be carried out with a radio presence detector.

**Note:** A combination of presence detectors and observers cannot be assigned.

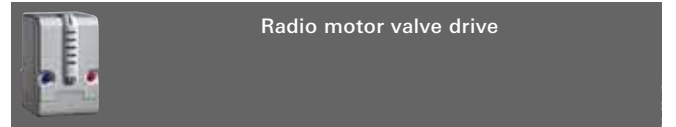
**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Control voltage:	1 to 10 V
Control current:	max. 15 mA
Electrical isolation	
1 – 10 V:	2 kV base insulation
Connected load:	1800 W ohmic load type-dependent electronic ballast
Protection type:	IP 20
Dimensions:	DRA device, 4 depth modules

**Radio reception module DRA 1133 00 → Page 402.**



	Order no.	Packing unit	PS
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	<b>1187 00</b>	1	02
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Radio-controlled valve drive for actuation of heating valves for single-room control in conjunction with a floor heater, radiator or convection heater. The battery-operated radio motor valve drive is operated via the radio room temperature sensor or the radio controller.

Easy installation via attachment of the valve drive to the valve adapter. The valve adapter (M 30 x 1.5) contained in the scope of supply enables installation on virtually all common valves.

With status indication (open or closed).

Remote sensor can be connected, e.g. for installation behind panelling. Emergency mode in case of unassigned transmitter or drained battery

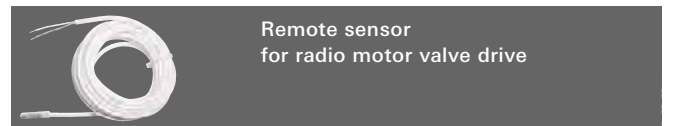
Power supply:	3 V DC
Batteries:	2 x 1.5 V Mignon LR06 (AA) (not included in scope of supply)

Valve stroke:	7.5 mm
Regulating power:	60 N
Average temperature:	max. 100 °C
Dimensions:	W x H x D 51 x 80 x 60 mm

**Radio room temperature sensor with clock 1186 .. → Page 391.**

**Radio controller 0358 18 → Page 384.**

**Remote sensor 1188 00 → Page 405.**



white	<b>1188 00</b>	1	02
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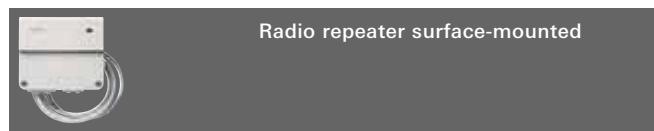
Remote sensor for the radio motor valve drive for temperature detection in the room with partitioned installation, e.g. behind radiator panelling.

Cable length:	max. 3 m
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**Radio motor valve drive 1187 00 → Page 405.**

Order no.	Packing unit	PS
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## Combination



Radio repeater surface-mounted

pure white	0867 00	1	02
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The radio repeater increases the range and thus the working range of the radio bus system.

The repeater also receives weaker radio telegrams from the radio transmitters and transmits them at maximum power after checking them.

Only radio telegrams from previously assigned radio transmitters are passed on, so as to avoid interference by devices in the area (one-time forwarding, no cascading!)

- Operating condition indication via LED
- High radio sensitivity
- Long transmission range
- Programming mode can be set via rotary switch

Up to 60 radio transmitters can be assigned to the radio repeater. Only one channel each of the radio transmitter need be assigned for the forwarding of all channels of a remote control, wall transmitter or universal transmitter.

**Please observe the planning information in the technical appendix.**

Power supply:	230 V AC, 50 Hz
Rated power consumption:	approx. 2 W
Length of mains cable:	1.5 m
Protection type:	IP 20 (connection with accompanying mains cable and/or antenna brought out of the device) IP 54 (fixed connection with NYM-J 3x1.5 cable and antenna not brought out of the device)
Reception frequency:	433.42 MHz
Temperature range:	-20 °C to +55 °C
Dimensions:	W x H x D 110 x 94 x 38 mm

**Radio controller 0358 18 → Page 384.**

**Radio transmitter:**

0318 .., 0412 00, 0441 00, 0511 00, 0521 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .., 2256 .. → Page 385.

Order no.	Packing unit	PS
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## Gateway



Surface-mounted radio Instabus converter

pure white	0868 00	1	06
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**Product family:** Communication

**Product type:** radio

The radio Instabus converter enables you to couple a radio bus installation with an Instabus installation. The radio telegrams are converted into corresponding Instabus telegrams. Up to 50 radio channels can be assigned.

Properties can be set using software via the ETS 2:

- Switching, toggling
- Dimming
- Blind
- Value transmitters
- Light scene and light scene auxiliary unit
- Automatic control switch
- Universal transmitter as switch

The operating voltage is provided solely by the Instabus. A 9 V battery (not included in scope of supply) is also required, but only for the assignment of radio bus transmitters.

**Please observe the planning information in the technical appendix.**

**Connections:** Instabus via connection and branch terminal **0595 00**

**Temperature range:** -5 °C to +45 °C

**Protection type:** IP 20

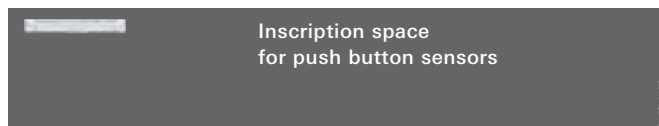
**Dimensions:** W x H x D 110 x 94 x 38 mm

**Radio transmitter:**

0412 00, 0511 00, 0527 00, 0826 02, 1111 .., 1113 .., 1306 .., 2251 .., 2252 .., 2254 .. → Page 385.

**Instabus connection and branch terminal 0595 00 → Page 377.**

## Accessories



Inscription space for push button sensors

transparent	0014 01	5	06
tinted	0014 06	5	06

Suitable for push button sensors from S-Color.

As a spare-part requirement or for exchange.

**Push button sensor, 1-gang 0881 .. → Page 394.**

**Push button sensor, 2-gang 0882 .. → Page 395.**

**Push button sensor, 4-gang 0884 .. → Page 395.**

The signallers and sensors from the Gira product range increase safety and convenience in the house. The sensors measure humidity, wind speed, brightness, temperature, movement or time and apply important protective functions, adapted to the results determined by them, completely automatically.

**Advantages of signallers and sensors**

They can be combined with the Gira blind controller, the Gira alarm systems and they can be integrated in the Gira KNX/EIB system and the Gira radio bus system

The cables of the solar and glass-breakage sensors can always be connected VDE-compliant, regardless of whether they're installed flush-mounted, under wallpaper or surface-mounted. The flush-mounted insert with an auxiliary input offers a connection option for any case


The solar sensor offers an additional twilight function, which can be used with the electronic blind controller 2 with sensor evaluation

- 1 Solar sensor
- 2 Wind sensor
- 3 Glass-breakage sensor



Order no.	Packing unit	PS
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Signallers and Sensors

Bolt switching contact/VdS		
		
<b>0924 00</b>	1	03

Electro-mechanical contact for closure monitoring of doors. The contact is inserted inaccessibly into the striking plate of the door frame and actuated by the lock bolt when the door is closed. The switching point of the bolt switch contact can be adapted in the way of the function.

With trip lever extension for adaptation to larger bolt cut-outs or special bolt shapes.


Contact type:	2-way switch
Switching voltage:	max. 30 V DC
Switching current:	max. 100 mA
Connection line:	3 m
Protection type:	IP 67
Dimensions:	W x H x D 11 x 40 x 22 mm
VdS approval:	G 190,008

Gate contact		
		
<b>0950 00</b>	1	03

Magnetic contact for wire-bound monitoring of e.g. roll-down gates. With magnetic external field monitoring (an alarm is triggered when another magnet comes close). The supply line is protected by a metal tube.

Length of the cable:	2 m
Length of the metal tube:	1 m
Dimensions:	
Contact on floor:	L x W x H 180 x 45 x 13 mm
Magnet at gate:	L x W x H 104 x 47 x 3 mm


Order no.	Packing unit	PS
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Door or window contact/VdS			
			
white	<b>0953 02</b>	1	03
brown	<b>0953 06</b>	1	03

The magnet contact is dust- and water-protected, melted into a small glass tube (reed contact).

A reed contact is actuated via a permanent magnet without being touched. The reed contact is placed in the door frame and the magnet in the door, for example. Only block reed contacts can be used for installation in steel profiles (magnetic material). This wired door/window contact is extremely important for the connection of a radio magnet contact/VdS in a VdS-type installation.


Contact type:	1-pole NO contact
Switching voltage:	max. 100 V DC
Switching current:	max. 0.5 A
Contact load capacity:	max. 10 W or 10 VA
Contact resistance:	0,15 Ω
Permissible operating voltage:	max. 40 V
Connection cable:	5 m LIYY 2 x 0.14 mm <sup>2</sup> , Ø 3.2 mm
Dimensions:	
Contact:	32 mm x Ø 8 mm
Magnet:	30 mm x Ø 6 mm AlNiCo 5
Housing:	L x W x H 54 x 13 x 13 mm
Scope of supply:	Two superstructure housings, two caps, three 2 mm shims, one 6 mm shim
VdS approval:	G 191 701

Glass-breakage sensor			
			
white	<b>0887 02</b>	1	06
brown	<b>0887 06</b>	1	06

Analyses the resulting typical ultrasonic signals by frequency and amplitude after a glass break or glass damage. The breakage energy activates the wire-bound alarm signal by converting the sound to electrical signals via a piezoceramic oscillator. The signal line is opened for approx. 0.5 to 5 sec. for an alarm, depending on the glass type.

Line voltage:	max. 18 V DC
Idle current:	max. 10 mA
Contact rating:	max. 350 mW
Contact resistance	
Idle state:	max. 30 Ω
Alarm state:	min. 1 MΩ
Alarm duration:	0.5 to 5 sec.
Effective radius:	approx. 2 m
Temperature range:	-30 °C to +55 °C
Protection type:	VdS Environment Class IV, IP 67
Connection cable:	4 m LIYY 2 x 0.14 mm <sup>2</sup> , Ø 3.2 mm
Dimensions:	L x W x H 37 x 19 x 12 mm
Adhesive:	Loctite 317/734, Loctite Set 193 82
Mounting:	2 cm from cover frame



	Order no.	Packing unit	PS
	Blind control system Glass-breakage sensor		
white	0931 00	1/5	02

The glass-breakage sensor is attached to the window pane (e.g. using Loctite glass-metal adhesive set). If the window pane is destroyed, the blind is moved into the lower end position.

The glass-breakage sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

Length of connection line: 2 m  
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

**Adapter for sensors 0934 00 → Page 409.**  
**Top unit for control button with sensor evaluation 0820 .. → Page 217.**  
**Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.**  
**Radio control button with sensor evaluation 0545 .. → Page 218.**  
**Electronic blind controller top unit 2 with sensor evaluation 1309 .. → Page 220.**



	Blind control system solar/twilight sensor indoors		
white	0930 00	1	02

The solar sensor is attached to the window pane and enables a solar protection function. The position of the sensor on the pane determines the limit to which the blind is to be driven after the brightness value is **exceeded**.


The twilight function enables automatic lowering of the blind after the brightness value is **dropped below**.

The solar sensor must be used in combination with the control button with sensor evaluation and the electronic blind controller with sensor evaluation. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

Length of connection line: 2 m  
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)

**Adapter for sensors 0934 00 → Page 409.**  
**Top unit for control button with sensor evaluation 0820 .. → Page 217.**  
**Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.**  
**Radio control button with sensor evaluation 0545 .. → Page 218.**  
**Electronic blind controller top unit 2 with sensor evaluation 1309 .. → Page 220.**



	Order no.	Packing unit	PS
	Blind control system solar/twilight sensor outdoors		
	1117 00	1	02

Together with the components of the blind control system, the solar/twilight sensor for outdoor use enables the solar protection and twilight function. These functions are dependent on the top unit used. The solar and glass-breakage sensors can be connected to a blind controller top unit simultaneously with an adapter.

- The solar protection function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**.
- The twilight function enables automatic lowering of the blind/shutter after a brightness value is **exceeded**. The blind/shutter moves into the lower end position.

Ambient temperature: -30 °C to +70 °C  
Cable length: max. 20 m (J-Y(St)Y 2x2x0.6 mm)  
Protection type: IP 54

**Adapter for sensors 0934 00 → Page 409.**  
**Top unit for control button with sensor evaluation 0820 .. → Page 217.**  
**Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.**  
**Radio control button with sensor evaluation 0545 .. → Page 218.**  
**Electronic blind controller top unit 2 with sensor evaluation 1309 .. → Page 220.**



	Blind control system Adapter for solar and glass-breakage sensor		
white	0934 00	1/5	02

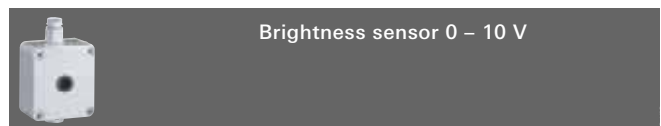
If the solar and glass-breakage sensor are connected simultaneously to a blind controller top unit, or if the connection cable is to be extended, this adapter is used.

Connection line: LIYY 2 x 0.14 mm<sup>2</sup>  
Length of connection line: 5 m

**Sun and twilight sensor 0930 00 → Page 409.**  
**Sun and twilight sensor for outside 1117 00 → Page 409.**  
**Glass-breakage sensor 0931 00 → Page 409.**  
**Top unit for control button with sensor evaluation 0820 .. → Page 217.**  
**Top unit for control button with memory function and sensor evaluation 0822 .. → Page 218.**  
**Radio control button with sensor evaluation 0545 .. → Page 218.**  
**Electronic blind controller top unit 2 with sensor evaluation 1309 ..**



Order no.	Packing unit	PS
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Water-protected surface-mounted	<b>0576 00</b>	1	06
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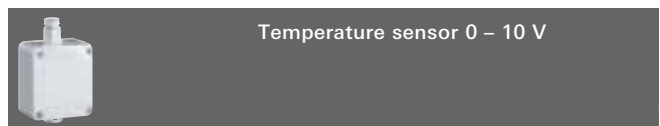
Brightness sensor for detection and analysis of the brightness. The brightness sensor can be operated in conjunction with the basis weather station or the analogue sensor interface. The required power supply (24 V DC) is provided by these devices. Connection to systems from other manufacturers is also possible. The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").

The detected brightness is converted to a linear, analogue output signal from 0 to 10 V.

Measurement range:	0 to 60000 lux, linear
Electrical output:	0 to 10 V DC (short-circuit-proof)
External supply	
Voltage:	24 V DC
Current consumption:	approx. 5 mA
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Recommended cable:	3 x 0.25 mm <sup>2</sup>
Dimensions:	W x H x D 90 x 58 x 35 mm
Installation location:	any
Protection type:	IP 65

**Instabus weather station comfort 1010 00 → Page 359.**  
**Instabus analogue sensor interface 1021 00 → Page 358.**  
**Mounting bracket 1406 00 → Page 410.**

Order no.	Packing unit	PS
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Water-protected surface-mounted	<b>0577 00</b>	1	06
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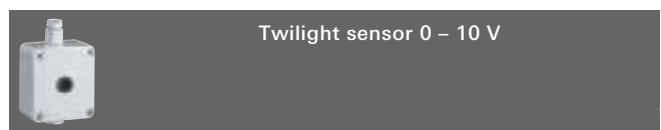
Temperature sensor for detection and analysis of the temperature. The temperature sensor can be operated in conjunction with the basis weather station or the analogue sensor interface.

The required power supply (24 V DC) is provided by these devices. Connection to systems from other manufacturers is also possible. The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").

The detected temperature is converted to a linear, analogue output signal from 0 to 10 V.

Measurement range:	-30 °C to +70 °C, linear
Electrical output:	0 to 10 V DC (short-circuit-proof)
External supply	
Voltage:	24 V DC
Current consumption:	approx. 3 mA
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Recommended cable:	3 x 0.25 mm <sup>2</sup>
Dimensions:	W x H x D 90 x 58 x 35 mm
Installation location:	any
Protection type:	IP 65

**Instabus weather station comfort 1010 00 → Page 359.**  
**Instabus analogue sensor interface 1021 00 → Page 358.**  
**Mounting bracket 1406 00 → Page 410.**



Water-protected surface-mounted	<b>0572 00</b>	1	06
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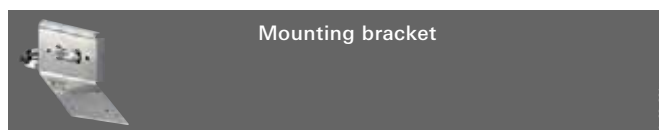
Twilight sensor for detection and analysis of the brightness. The twilight sensor can be operated in conjunction with the basis weather station or the analogue sensor interface. The required power supply (24 V DC) is provided by these devices.

Connection to systems from other manufacturers is also possible. The device is suitable for outdoor installation and is equipped to prevent the build-up of moisture with a pressure-compensation element ("climate membrane").

The detected brightness is converted to a linear, analogue output signal from 0 to 10 V.

Measurement range:	0 to 255 lux, linear
Electrical output:	0 to 10 V DC (short-circuit-proof)
External supply	
Voltage:	24 V DC
Current consumption:	approx. 5 mA
Ambient temperature:	-30 °C to +70 °C
Cable length:	max. 100 m
Recommended cable:	3 x 0.25 mm <sup>2</sup>
Dimensions:	W x H x D 90 x 58 x 35 mm
Installation location:	any
Protection type:	IP 65


**Instabus weather station comfort 1010 00 → Page 359.**  
**Instabus analogue sensor interface 1021 00 → Page 358.**  
**Mounting bracket 1406 00 → Page 410.**



	<b>1406 00</b>	1	06
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For proper installation of the brightness, twilight and temperature sensors. The mounting bracket can be attached to a wall or, with the accompanying pole clamp, to a pole. Material: Stainless Steel.

**Brightness sensor 0 – 10 V 0576 00 → Page 410.**  
**Dimming sensor 0 – 10 V 0572 00 → Page 410.**  
**Temperature sensor 0 – 10 V 0577 00 → Page 410.**

Order no.	Packing unit	PS
 <p style="text-align: center;"><b>Wind sensor Standard</b></p>		
<b>0913 00</b>	1	06

Consists of:

**Wind signaller (cross arms/anemometer)**

The wind sensor enables raising of the blinds depending on the strength of the wind, for example. In this way, sensitive blind slats can be protected from increasing wind.

The wind signaller is used to convert the wind speed to electrical signals. It is installed to the roof or a side of the house, and the evaluation unit is connected up.

Mounting bracket is included in the scope of supply.

Material: Transmitter and cup cross made of plastic (ABS), black

Ambient temperature: -25 °C to +60 °C

Connection cable: LIYY 2 x 0.14 mm<sup>2</sup>, length: 3 m (extendible to max. 50 m)

Dimensions: Cup diameter: 134 mm, height: 160 mm

**Evaluation unit**

Test mode with test LED.

Distributor terminals for connection to a heated wind signaller.

Wind warning range: 3.3 to 24.5 m/s, can be set to one of eight levels


Switching contact: Relay with zero-voltage NO contact

Load capacity: max. 2 A

Operating voltage: AC 230 V

**Blind controller insert with auxiliary input 0398 00 → Page 214.**

**Can be combined with the binary inputs of the Gira Instabus system.**

 <p style="text-align: center;"><b>Wind sensor 0 – 10 V with heating</b></p>		
<b>0580 00</b>	1	06

Wind sensor for detection and evaluation of the wind speed (0.7 to 40 m/s). The turning speed is evaluated and converted into an output signal from 0 to 10 V.

Using in-built heating, operation can occur trouble-free even if frost is present outside.

The wind sensor can be operated in conjunction with the basis weather station or the analogue sensor interface.

The required power supply (24 V DC) for the electronics is provided by these devices.

An additional voltage of 24 V AC/DC is required for internal heating. A heating transformer can be used for this voltage. Connection to systems from other manufacturers is also possible.

The device is suitable for outdoor installation.

A retainer for installation of the sensor is included in the scope of supply.

Measurement range: 0.7 to 40 m/s

Electrical output: 0 to 10 V

External supply

Voltage: 24 V DC

Current consumption: Approx. 12 mA (without heating)

Heating: 24 V AC/DC PTC element (80 °C)

Wind load: max. 60 m/s for a brief period

Ambient temperature: -25 °C to +60 °C


Cable length: max. 100 m

Installation location: any

**Instabus weather station comfort 1010 00 → Page 359.**

**Instabus analogue sensor interface 1021 00 → Page 358.**

**Power supply 1024 00 → Page 411.**

Order no.	Packing unit	PS
 <p style="text-align: center;"><b>Power supply</b></p>		
<b>DRA 1024 00</b>	1	26

Power supply for the weather station and the in-built heating of the wind sensor 0 – 10 V, rain sensor 0/10 V etc.

Power supply: AC 230 V 50/60 Hz

Output voltage: AC 24 V

Rated current: 1 A

Connections: Screw terminals 0.5 to 4 mm<sup>2</sup> single-wire

Temperature range: -5 °C to +45 °C

Dimensions: DRA device, 4 depth modules


**Instabus weather station comfort 1010 00 → Page 359.**

**Instabus analogue sensor interface 1021 00 → Page 358.**

**Wind sensor 0 – 10 V with heating**

**0580 00 → Page 411.**

**Rain sensor 0/10 V 0579 00 → Page 412.**

 <p style="text-align: center;"><b>Rain sensor</b></p>		
<b>0586 00</b>	1	06

The rain sensor with frost protection down to -20° and snow detection is used for the detection of rain, snow and frost to protect awnings, winter gardens, roof ventilation elements etc. The detection of the amount of precipitation can be set using a 2-pole DIP switch in the power supply of the rain sensor.

The connection cables are not included in the scope of supply.

Operating voltage

power supply: 230 V, 50 Hz

Operating voltage

of rain sensor: 12 to 24 V DC

Power consumption: Approx. 4.5 VA

Relay contact: 5 A at 250 V/50 Hz, zero voltage

Sensor protection type: IP 65

Power supply

protection type: IP 40

Connection:

Rain sensor/power supply: 6 x 0.5 mm<sup>2</sup>, 12 to 24 V DC

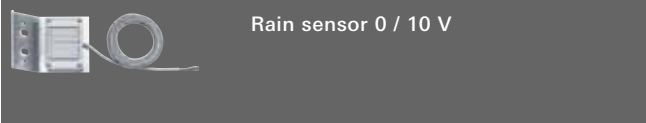
Power supply/binary input: 2 x 0.5 mm<sup>2</sup>, 230 V AC

Power supply: 3 x 1.5 mm<sup>2</sup>, 230 V AC

Cable length:

Rain sensor/power supply: max. 150 m

**Can be combined with the 230 V binary inputs of the Gira Instabus system and the Gira radio bus system.**

Order no.	Packing unit	PS
		
<b>0579 00</b>	1	06

Rain sensor for the detection and evaluation of the precipitation. The conductivity of the rain water is evaluated via a sensor, and an output signal of 0 or 10 V is then provided. Using in-built heating, the end of precipitation can be detected almost immediately.

The rain sensor can be operated in conjunction with the basis weather station, the analogue sensor interface or the binary input, 6-gang 24 V. The required power supply (24 V DC) for the electronics is provided by these devices (except for binary input 6-gang 24 V).

An additional voltage of 24 V AC/DC is required for internal heating.

A heating transformer can be used for this voltage. Connection to systems from other manufacturers is also possible.

The device is suitable for outdoor installation.

A 45° retainer for (wall or pole) installation of the sensor is included in the scope of supply.

Electrical output: 0 V dry, 10 V rain

External supply

Voltage: 24 V DC

Current consumption: Approx. 10 mA (without heating)

Heating: 24 V AC/DC max. 4.5 W

Ambient temperature: -30 °C to +70 °C

Cable length: max. 100 m

Installation location: Approx. 45°

Protection type: IP 65

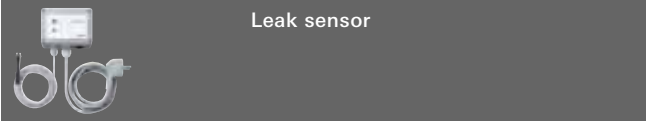
Dimensions: L x W x H 58 x 83 x 17 cm

**Instabus analogue sensor interface**

**1021 00** → Page 358.

**Instabus binary input, 6-gang 24 V 1068 00** → Page 357.

**Power supply 1024 00** → Page 411.

		
<b>0384 00</b>	1	06

The leak sensor consists of a monitoring device and a sensor. If liquid wets the sensor, the monitoring device activates an alarm via an LED. At the same time, a zero-voltage contact is switched for additional alarm devices or devices such as a horn, light signaller or shut-off valve.

No qualification approval in accordance with WHG (German water household law) for substances harmful to ground water.

Power supply: 230 V AC / 50 Hz / 1.2 VA

Ambient temperature: 0 °C to +60 °C

Displays: LED red: alarm, LED green: operating

Zero-voltage contact: AC 230 V / 1800 VA, DC 230 V / 100 W

Construction: Polyester housing IP 65

Protection class: II (protective insulation)

Sensor cable length: 2 m

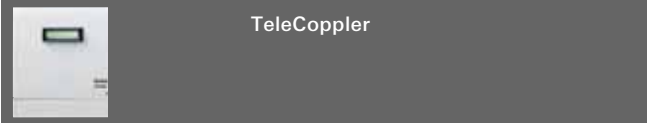
Connection cable length: 1.5 m

includes attachment clip for sensor

Protection type: IP 65

Dimensions: L x W x H 110 x 75 x 55 mm

**Can be combined with the zero-voltage binary inputs of the Gira Instabus system and the Gira radio bus system.**

Order no.	Packing unit	PS
		
<b>0363 00</b>	1	03

The TeleCoppler is the link between the telephone network and the electrical installation in private and commercial facilities, e.g. the radio alarm control unit/VdS and the Gira alarm control unit. It has four conventional zero-voltage sensor inputs, e.g. for triggering a silent alarm.

Functions:

- Switching of four conventional electrical devices and a local alarm sensor (each 24 V DC/ 50 mA)
- Status polling of device and unit functions via speech output. Can be changed via optional receiver set.
- In case of an alarm, dialling of up to three phone numbers. These can be programmed with push buttons on the TeleCoppler.
- An active phone call is interrupted in case of an alarm.
- When the alarm message is accepted, a switching function can be executed immediately via the existing connection.

Mains voltage: 230 V (+6 %, -14 %), 50 Hz

Power consumption: 13 VA

Dimensions: W x H x D 220 x 180 x 40 mm

Protection type: IP 20

**Receiver set for TeleCoppler 0907 00** → Page 412.

		
<b>0907 00</b>	1	09

Receiver set for recording the individual announcements for the TeleCoppler.





















**TeleCoppler 0363 00** → Page 412.

















## Technical data Order number directory

The chapter Technical data contains wiring diagrams, information on dimensions and other detailed information on the Gira products.

With the order number directory, the corresponding product page for each article can be found in the product line section based on the related combination of numbers.

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Test/installation marks	
	VDE test marks for installation materials, individual parts and devices as technical work materials for compliance with the "Gerätesicherheitsgesetzes (GSG)" (device safety statute). All Gira products, for which it is possible to grant the VDE mark, are labelled with this test mark.
	Netherlands test mark
	Austria test mark
	Norway test mark
	Denmark test mark
	Sweden test mark
	Belgium test mark
	Poland test mark
	Finland test mark
	Switzerland test mark
	CE certification All devices in this catalogue falling under the CE directive are labelled with this mark on the packaging label and on the product. All Gira flush-mounted devices fit in the standard flush-mounted boxes in accordance with DIN 49073/Part I, 1990-02 and in the Gira surface-mounted housing.
	Hollow wall box. With hollow-wall installations, boxes in accordance with DIN 49073/Teil1 and DIN VDE 0606-1 are generally to be used. In addition, the installation instructions from the box manufacturer and the required 71 mm dimension must be observed!
Protection mark	
	Protects against vertically dripping water (corresponds to IP X1)
	Protects against sprayed water falling at a 60° angle (corresponds to IP X3)
	Protects against sprayed water (corresponds to IP X4)
	Protects against streaming water (corresponds to IP X5)
	Protects against continuous submerging (corresp. to IP X8)
	VDE-EMC mark Valid for devices corresponding to the standards for electromagnetic compatibility (EMC).
	VDE-interference suppression symbol
	Proof of increased capacity to use plug connections in accordance with DIN 49400 and 49441. Identifies installation devices made of impact-resistant materials for increased mechanical stress.

Protection mark	
	Protective contact socket outlets (SCHUKO socket outlets) Registered trademark of SCHUKO Warenzeichenverband (SCHUKO trademark association). In accordance with VDE 0620/0624, the terminals are also suitable for use as connection terminals.
	Registered trademark of the PERILEX-Gemeinschaft e.V.
	Furniture-protection mark Devices can be installed in foundations with unknown ignition characteristics (e.g. equipment pieces).
	Child-protection symbol identifies socket outlets equipped with integrated child-protection features.
Mark	
AC/~	Alternating current
DC/=	DC
	Mark for RCD switches which are sensitive to pulse current
	Automatic control switch top unit (installation height 1.10 m)
	Automatic control switch top unit (installation height 2.20 m)
	Light bulb
	Fluorescent lamp
AX	X = fluorescent lamp rated current
	LV halogen
	HV halogen (230 V)
	Wound transformers
	Electronic transformers
	Mark for dimmers and electronic switches (with semiconductor switching element) in accordance with DIN EN 60669-1/A2 and VDE Part 1/A2
μ	Mark for switching devices, incl. relay with micro-contact opening width in accordance with DIN EN 60669-1/A2 and VDE 0632 Part 1/A2
	ID for the temperature range of -25 °C to +40 °C
	Type of use Stand-alone accessory for use outside of lights (VDE 0712, Part 1).
SELV	Voltage designation Safety extra-low voltage

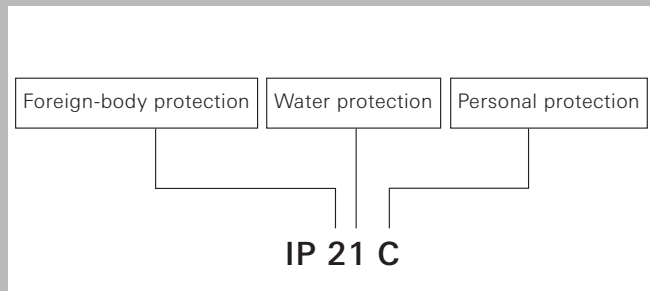
**Protection types via housing which protect against touching, foreign bodies and water in accordance with EN 60 529 / DIN VDE 0470 Part 1**

Depending on the environmental conditions under which it is used, equipment must be protected from being touched, the entry of foreign bodies of various sizes a

and from intrusion of water. To define the degree to which a piece of equipment is protected, the so-called IP protection levels were specified. IP stands for "international protection".

**The IP protection levels are represented in the following format:**  
**IP digit 1 digit 2 letter**

- Digit 1** Indicates the protection of people against touching dangerous parts and protection of the equipment against the intrusion of foreign bodies.
- Digit 2** Describes the protection of equipment against damaging intrusion of water.
- Letters** In addition, the protection level for people against access to dangerous parts within housings specified via a letter may be located after the two digits.



**The housing of this equipment protects**

- 2** people from accessing dangerous parts with their fingers and protects the equipment from the intrusion of foreign bodies with a diameter of at least 12.5 mm and larger
- 1** the equipment against intrusion of vertically dripping water
- C** people who insert a tool with a diameter of 2.5 mm and larger and a length of up to 100 mm into the housing.

**Possible letters:**

- A** Safe for the back of the hand
- B** Safe for the fingers
- C** Protected against access with a tool up to 100 mm in length
- D** Protected against access with a wire up to 100 mm in length

**Protection levels pursuant to EN 60 529:**

Digit	Protection level	
	Touching and foreign-body protection (1st digit)	Water protection (2nd digit)
0	not present	not present
1	against foreign bodies > 50 mm Ø; against hand backs	against vertically dripping water
2	against foreign bodies > 12 mm Ø; against touching with a finger	against water dripping at an angle up to 15° to the vertical line
3	against foreign bodies > 2.5 mm Ø; against touching with a tool	against sprayed water up to 60° to the vertical line
4	against foreign bodies > 1 mm Ø; against touching with a wire	against squirted water from all directions
5	against damaging dust deposits on the inside	against streaming water from all directions
6	against intrusion of dust (dust-proof)	against heavy streaming water
7	–	with temporary immersion
8	–	with continuous immersion

**Protection classes against excessive contact voltage**

The type of protection against dangerous shock currents is identified via a protection-class specification. There are three protection classes whose meanings are described in the following table.

Protection class	Symbol	Description
I		Equipment with simple base insulation. If a fault occurs in the base insulation, the body (e.g. metal shrouding of devices) can be energised. The bodies are connected to a protective conductor and secured via a protective measure (e.g. deactivation via super-ordinate protective devices).
II		Equipment with simple base insulation and additional insulation (doubled insulation) or with strengthened insulation (single-stage insulation). If the base insulation fails, protection via indirect contact is thus ensured (protective measure: protective insulation).
III		Protection against dangerous shock currents is ensured via the safety extra-low voltage safety measure (alternating current ≤ 50 V, direct current ≤ 120 V, safety voltage source).

**Comparison of armoured-conduit threading dimensions to metric threading**

DIN 46320 ff is invalid as of March 2001. The foundation for cable screw joints within electrical installations is now DIN EN 50262.

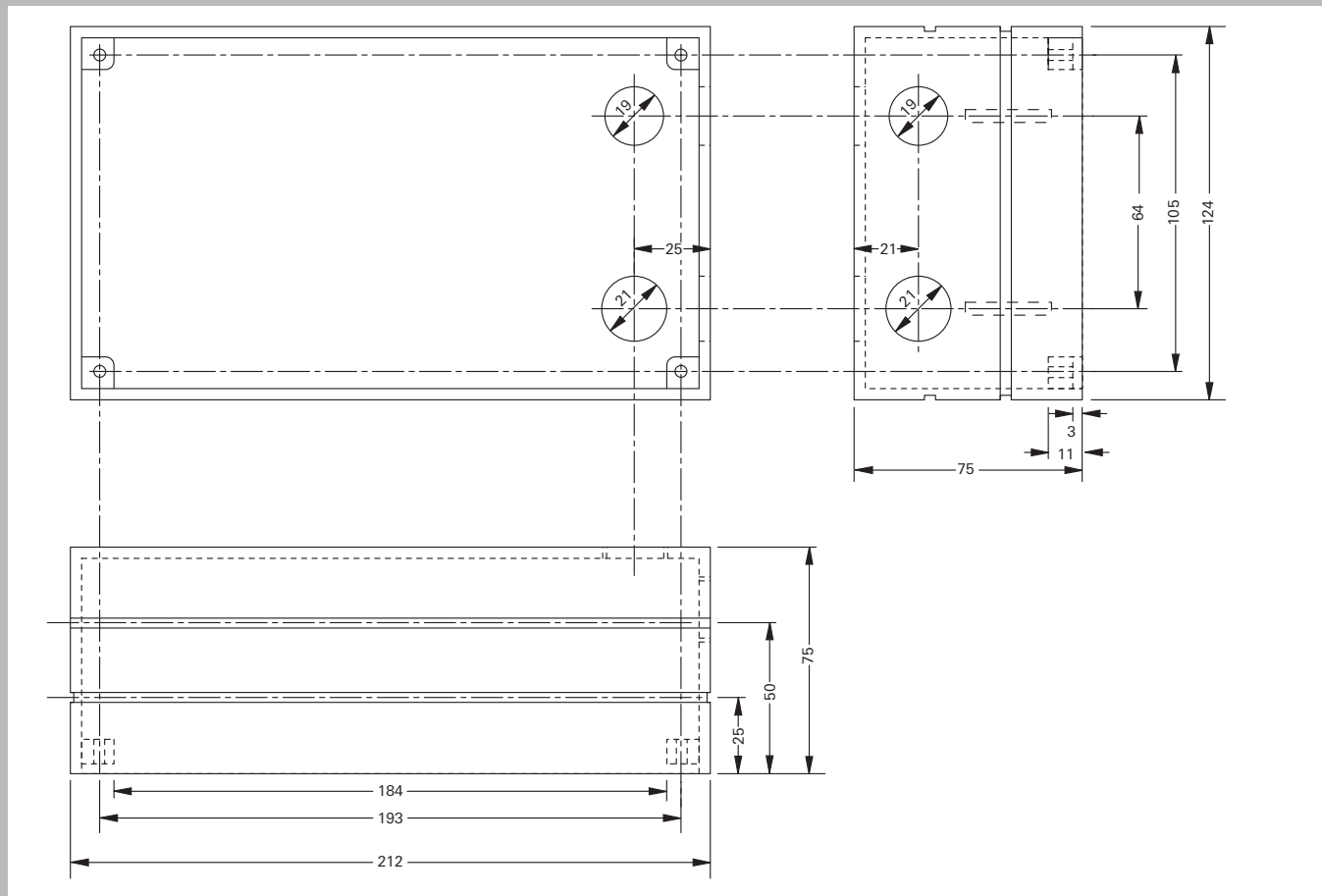
This means that the previously used armoured-conduit threading dimensions are replaced with metric dimensions. The table shows armoured-conduit threading and metric dimensions across from one another.

Size	Threading	Through hole +0.2/-0.4	Arm.-conduit thr. Size	Through hole
6	M6	6.5	-	-
8	M8	8.5	-	-
10	M10	10.5	-	-
12	M12	12.5	ACT 7	13 ± 0.2
16	M16	16.5	ACT 9	15.5 ± 0.2
-	-	-	ACT 11	19 ± 0.2
20	M20	20.5	ACT 13.5	21 ± 0.2
25	M25	25.5	ACT 16	23 ± 0.2
32	M32	32.5	ACT 21	29 ± 0.2
40	M40	40.5	ACT 29	37.5 ± 0.3
50	M50	50.5	ACT 36	47.5 ± 0.3
-	-	-	ACT 42	54.5 ± 0.3
63	M63	63.5	ACT 48	60 ± 0.3

**Resistance table for remote sensor 1302 00**

Temperature (°C)	Resistance (Ohm)	Temperature (°C)	Resistance (Ohm)
0	1592	31	2051
1	1605	32	2067
2	1619	33	2083
3	1633	34	2099
4	1647	35	2115
5	1661	36	2131
6	1675	37	2148
7	1689	38	2164
8	1703	39	2181
9	1717	40	2197
10	1732	41	2214
11	1746	42	2231
12	1761	43	2248
13	1775	44	2265
14	1790	45	2282
15	1805	46	2299
16	1819	47	2316
17	1834	48	2333
18	1849	49	2351
19	1864	50	2368
20	1879	51	2385
21	1895	52	2403
22	1910	53	2421
23	1925	54	2438
24	1941	55	2456
25	1956	56	2474
26	1972	57	2492
27	1987	58	2510
28	2003	59	2528
29	2019	60	2546
30	2035		

**Dimensions Installation housing Info terminal, InfoTerminal Touch**

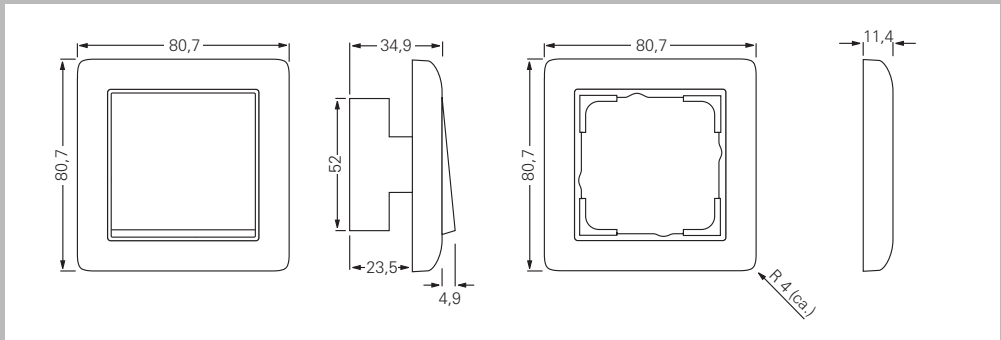




Range / Dimensions (H x W x D)

**Gira Standard 55**

- 1-gang 80.7 x 80.7 x 11.4 mm
- 2-gang 151.8 x 80.7 x 11.4 mm
- 3-gang 223.3 x 80.7 x 11.4 mm
- 4-gang 294.6 x 80.7 x 11.4 mm
- 5-gang 365.9 x 80.7 x 11.4 mm

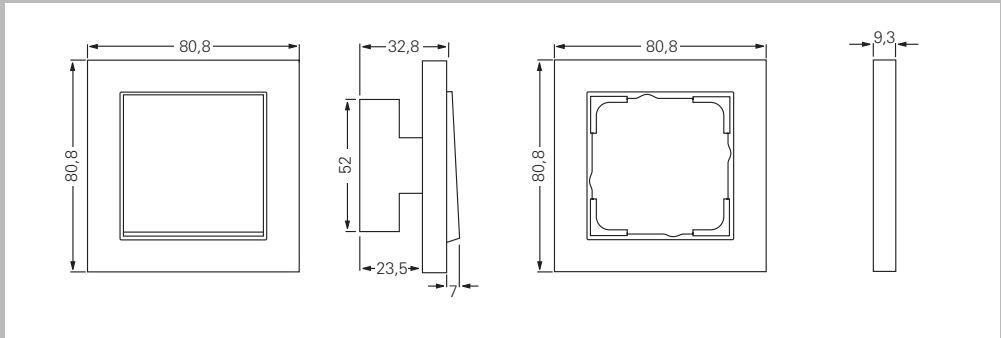


Push/rocker switch

Cover frame

**Gira E2**

- 1-gang 80.8 x 80.8 x 9.3 mm
- 2-gang 151.9 x 80.8 x 9.3 mm
- 3-gang 223.4 x 80.8 x 9.3 mm
- 4-gang 294.7 x 80.8 x 9.3 mm
- 5-gang 366.0 x 80.8 x 9.3 mm

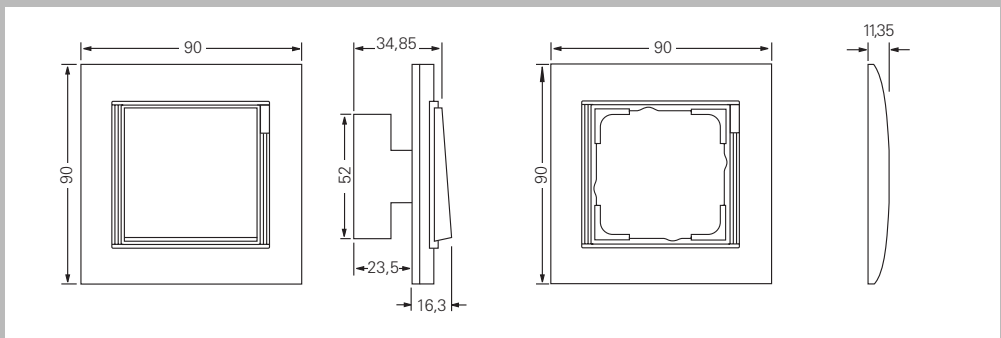


Push/rocker switch

Cover frame

**Gira Event**

- 1-gang 90.0 x 90.0 x 11.35 mm
- 2-gang 161.1 x 90.0 x 11.35 mm
- 3-gang 232.6 x 90.0 x 11.35 mm
- 4-gang 303.9 x 90.0 x 11.35 mm
- 5-gang 375.2 x 90.0 x 11.35 mm

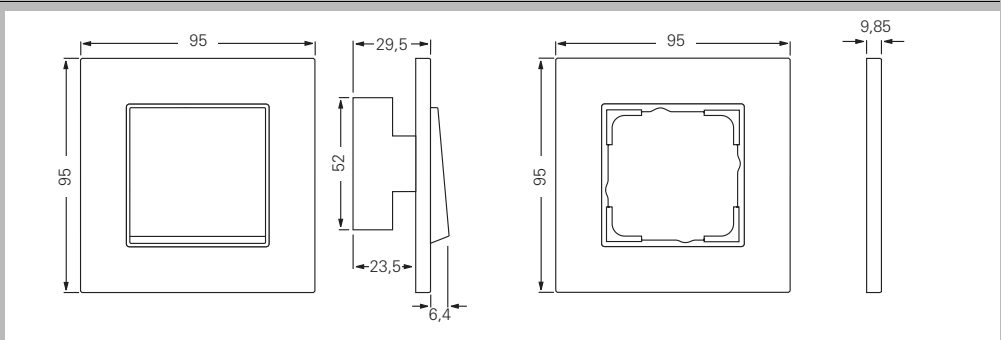


Push/rocker switch

Cover frame

**Gira Esprit**

- 1-gang 95.0 x 95.0 x 9.85 mm
- 2-gang 166.0 x 95.0 x 9.85 mm
- 3-gang 236.8 x 95.0 x 9.85 mm
- 4-gang 308.0 x 95.0 x 9.85 mm
- 5-gang 380.2 x 95.0 x 9.85 mm



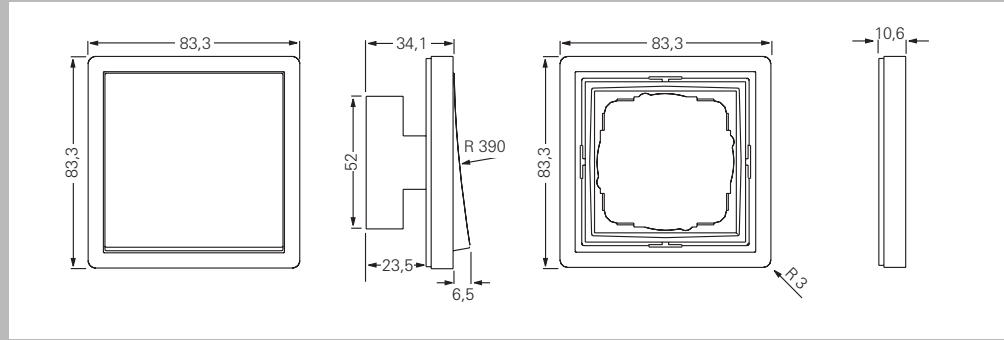
Push/rocker switch

Cover frame

Range / Dimensions (H x W x D)

**F100**

- 1-gang 83,3 x 83,3 x 10,6 mm
- 2-gang 154,4 x 83,3 x 10,6 mm
- 3-gang 225,9 x 83,3 x 10,6 mm
- 4-gang 297,2 x 83,3 x 10,6 mm
- 5-gang 368,5 x 83,3 x 10,6 mm

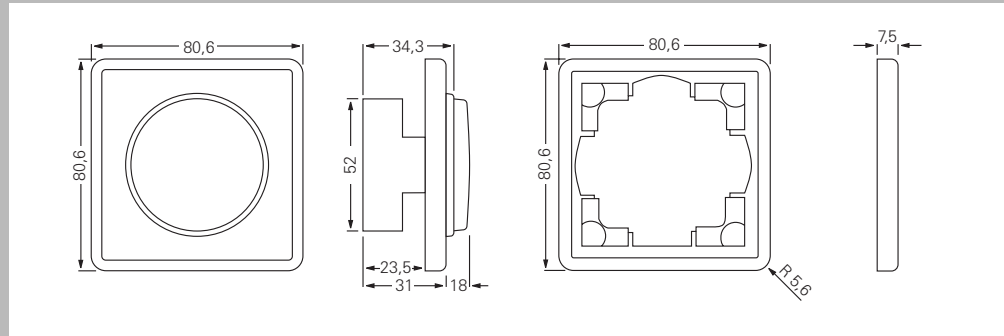


Push/rocker switch

Cover frame

**S-Color System**

- 1-gang 80,6 x 80,6 x 7,5 mm
- 2-gang 151,8 x 80,6 x 7,5 mm
- 3-gang 222,9 x 80,6 x 7,5 mm
- 4-gang 294,3 x 80,6 x 7,5 mm
- 5-gang 365,4 x 80,6 x 7,5 mm

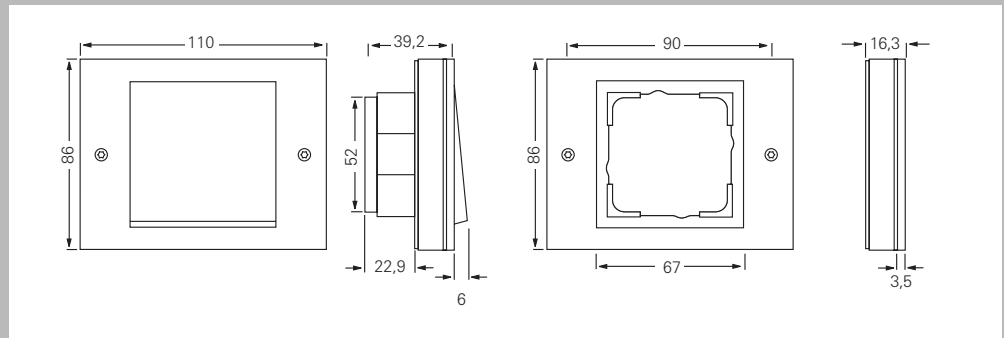


Push/rocker switch

Cover frame

**TX 44**

- 1-gang 86,0 x 110,0 x 16,3 mm
- 2-gang 157,0 x 110,0 x 16,3 mm
- 3-gang 229,0 x 110,0 x 16,3 mm
- 4-gang 300,5 x 110,0 x 16,3 mm

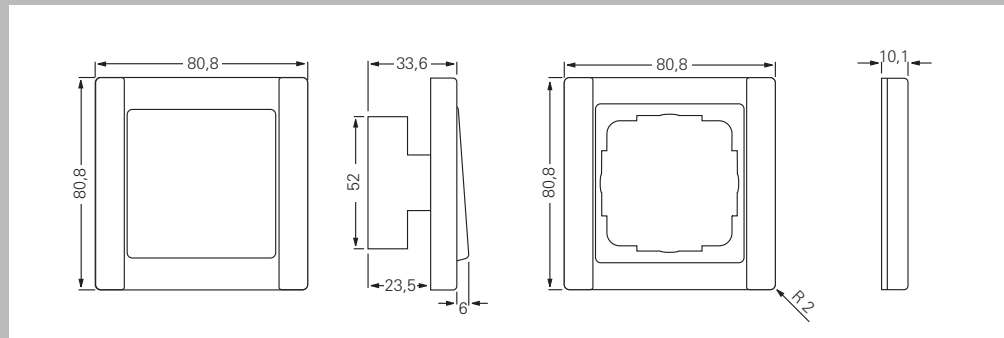


Push/rocker switch

Cover frame

**Stainless Steel Series 20**

- 1-gang 80,8 x 80,8 x 10,1 mm
- 2-gang 152,0 x 80,8 x 10,1 mm
- 3-gang 223,2 x 80,8 x 10,1 mm
- 4-gang 294,4 x 80,8 x 10,1 mm
- 5-gang 365,6 x 80,8 x 10,1 mm

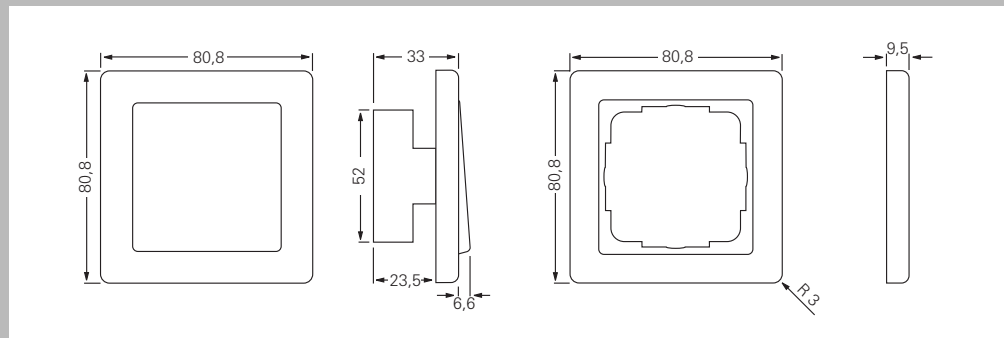


Push/rocker switch

Cover frame

**Stainless Steel Series 21**

- 1-gang 80,8 x 80,8 x 9,5 mm
- 2-gang 152,0 x 80,8 x 9,5 mm
- 3-gang 223,2 x 80,8 x 9,5 mm
- 4-gang 294,4 x 80,8 x 9,5 mm
- 5-gang 365,6 x 80,8 x 9,5 mm



Push/rocker switch

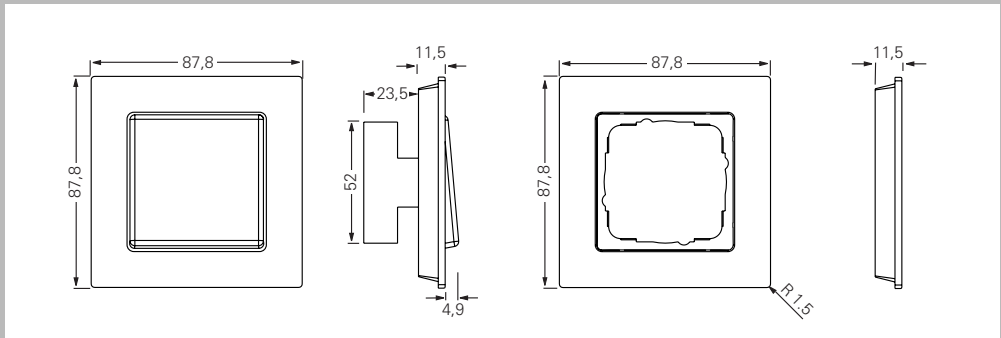
Cover frame

Range / Dimensions (H x W x D)

E22

Thermoplastic

- 1-gang 87,8 x 87,8 x 11,5 mm
- 2-gang 158,9 x 87,8 x 11,5 mm
- 3-gang 230,4 x 87,8 x 11,5 mm
- 4-gang 301,7 x 87,8 x 11,5 mm
- 5-gang 373,0 x 87,8 x 11,5 mm



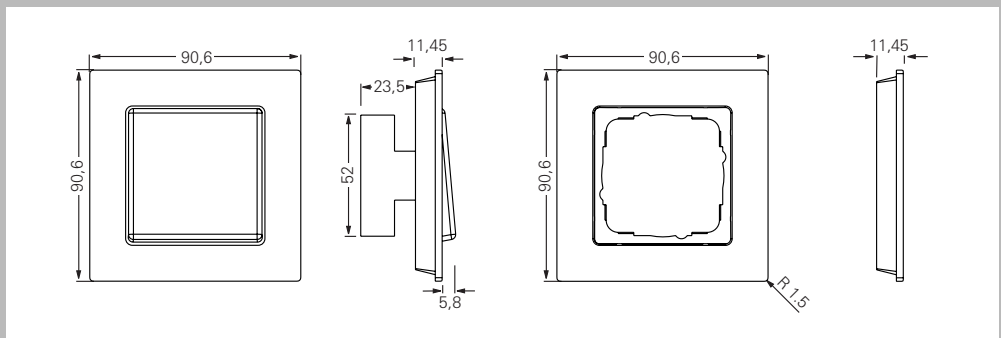
Push/rocker switch

Cover frame

E22

Stainless Steel, Aluminium

- 1-gang 90,6 x 90,6 x 11,5 mm
- 2-gang 161,8 x 90,6 x 11,5 mm
- 3-gang 233,0 x 90,6 x 11,5 mm
- 4-gang 304,2 x 90,6 x 11,5 mm
- 5-gang 375,4 x 90,6 x 11,5 mm



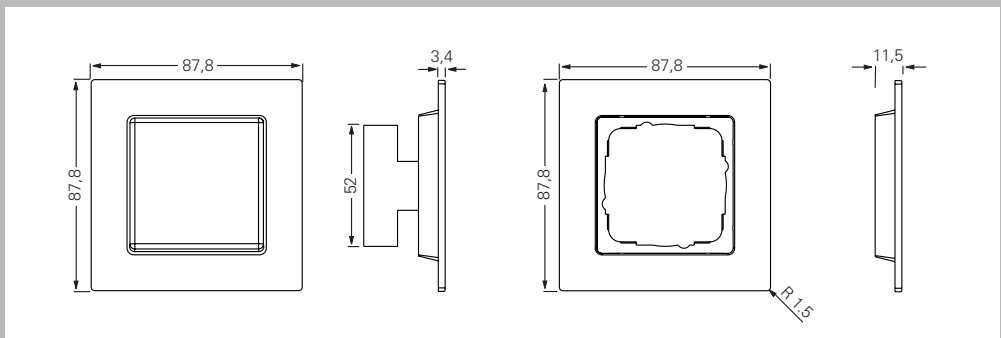
Push/rocker switch

Cover frame

E22 (flat installation)

Thermoplastic

- 1-gang 87,8 x 87,8 x 3,4 mm
- 2-gang 158,9 x 87,8 x 3,4 mm
- 3-gang 230,4 x 87,8 x 3,4 mm
- 4-gang 301,7 x 87,8 x 3,4 mm
- 5-gang 373,0 x 87,8 x 3,4 mm



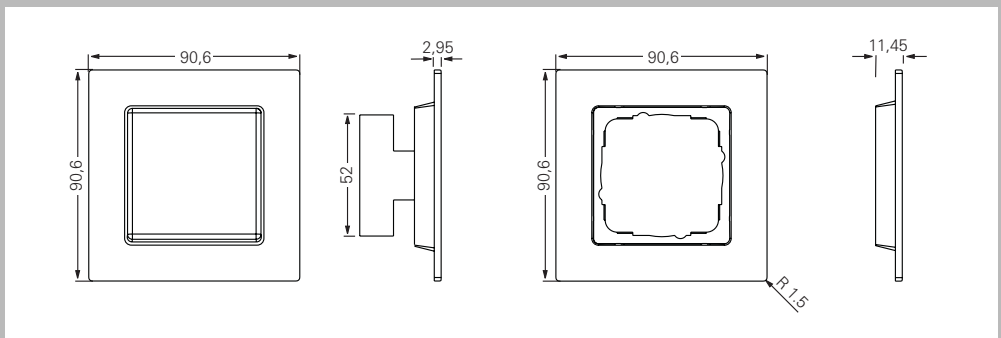
Push/rocker switch

Cover frame

E22 (flat installation)

Stainless Steel, Aluminium

- 1-gang 90,6 x 90,6 x 3 mm
- 2-gang 161,8 x 90,6 x 3 mm
- 3-gang 233,0 x 90,6 x 3 mm
- 4-gang 304,2 x 90,6 x 3 mm
- 5-gang 375,4 x 90,6 x 3 mm



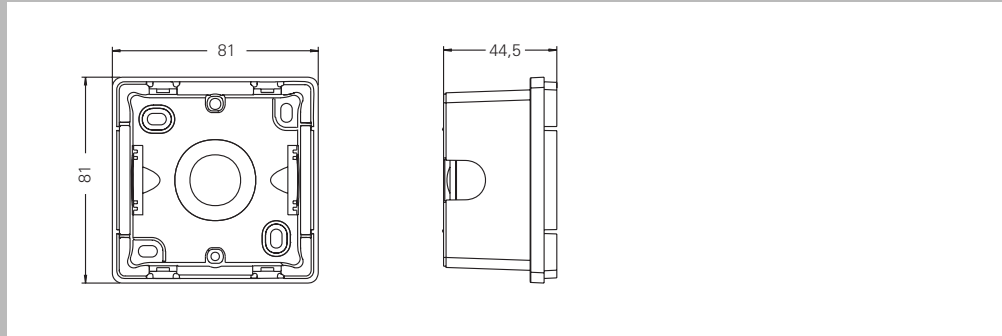
Push/rocker switch

Cover frame

Range / Dimensions (W x H x D)

**Gira System 55**

- 1-gang 81.0 x 81.0 x 44.5 mm
- 2-gang 152.0 x 81.0 x 44.5 mm
- 3-gang 224.0 x 81.0 x 43.5 mm
- 4-gang 295.3 x 81.0 x 43.5 mm
- 5-gang 366.6 x 81.0 x 43.5 mm

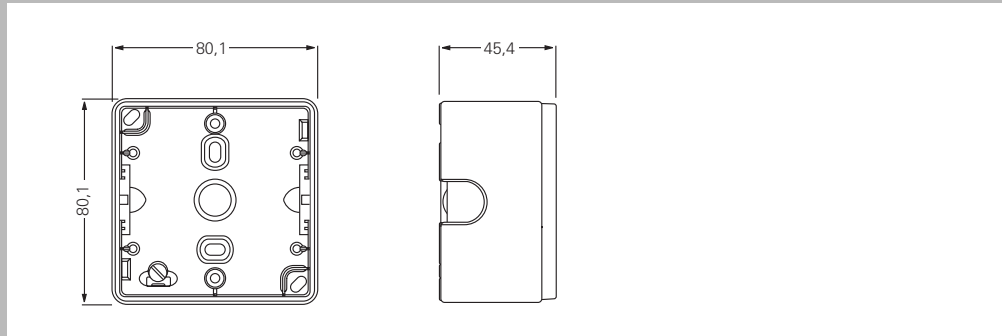


Surface-mounted housing

**Gira Standard 55**

**S-Color System**

- 1-gang 80.1 x 80.1 x 45.4 mm
- 2-gang 151.3 x 80.1 x 45.4 mm
- 3-gang 213.6 x 80.1 x 45.4 mm
- complete with cover frame

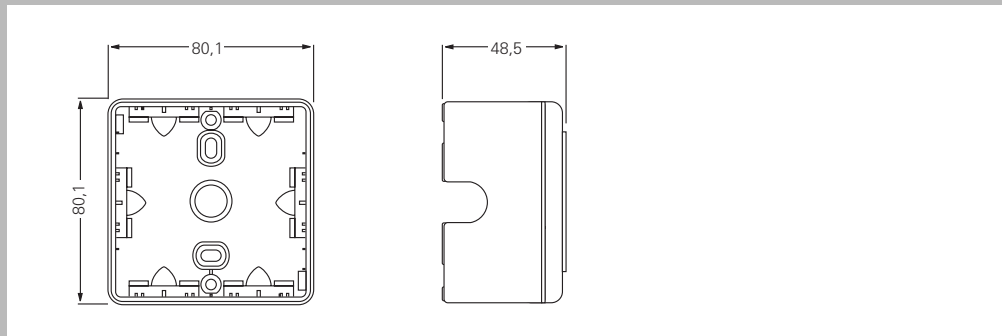


Surface-mounted housing

**Gira Standard 55**

**S-Color System**

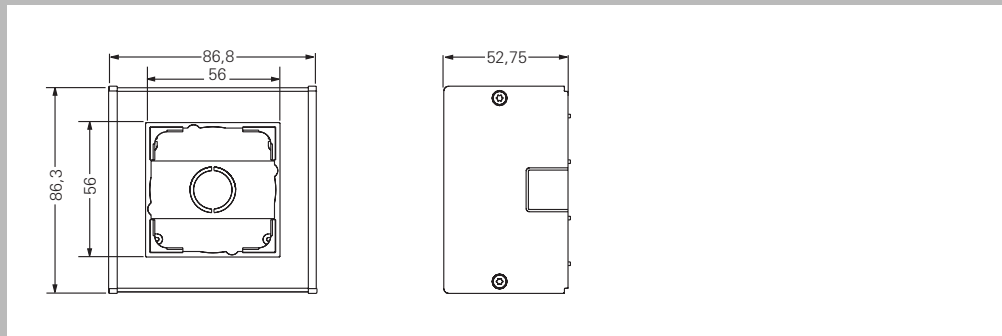
- complete with cover frame



Junction box

**Gira Profile 55**

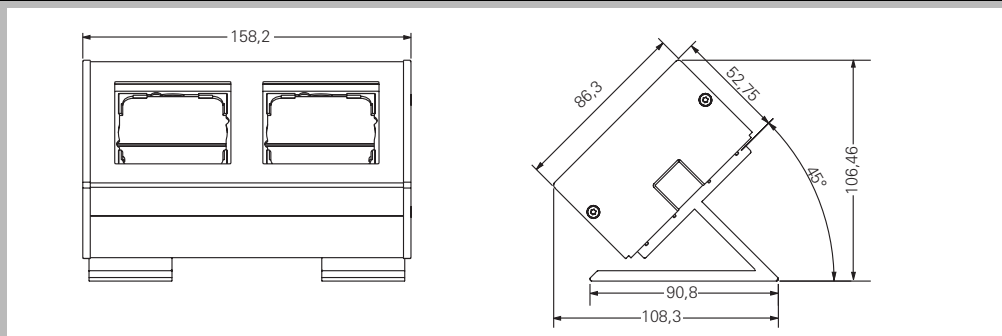
- 1-gang 86,8 x 86,3 x 52,8 mm
- 2-gang 158,2 x 86,3 x 52,8 mm
- 3-gang 229,6 x 86,3 x 52,8 mm
- 5-gang 342,2 x 86,3 x 52,8 mm
- 5-gang 586,6 x 86,3 x 52,8 mm
- 8-gang 586,6 x 86,3 x 52,8 mm



Profile 55

**Gira Profile 55 with angled mounting bracket/base foot**

- 2-gang 158,2 x 106,5 x 108 mm
- 3-gang 229,6 x 106,5 x 108 mm
- 5-gang 586,6 x 106,5 x 108 mm
- 8-gang 586,6 x 106,5 x 108 mm



Profile 55 with angled mounting bracket/base foot

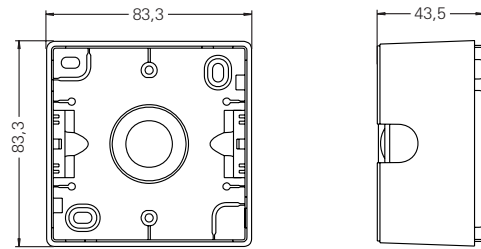
## Range / Dimensions (W x H x D)

## F100

1-gang 83,3 x 83,3 x 43,5 mm

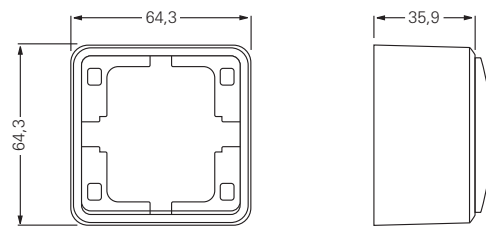
2-gang 154,4 x 83,3 x 43,5 mm

3-gang 225,9 x 83,3 x 43,5 mm



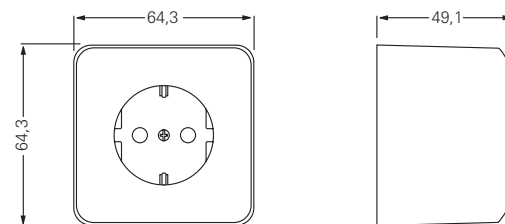
Surface-mounted housing

## Surface-mounted range



Switch

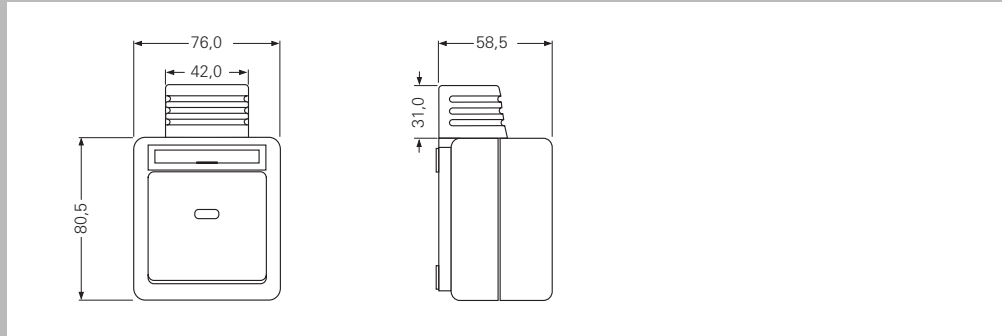
## Surface-mounted range



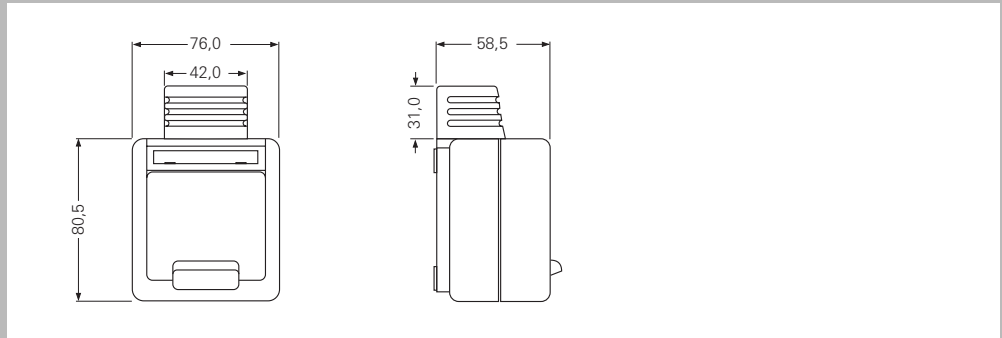
SCHUKO socket outlet

Range/Dimensions

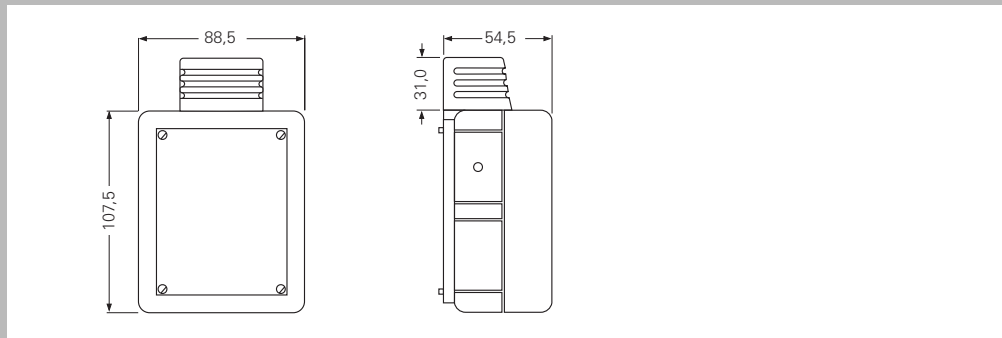
Water-protected surface-mounted system



Switch

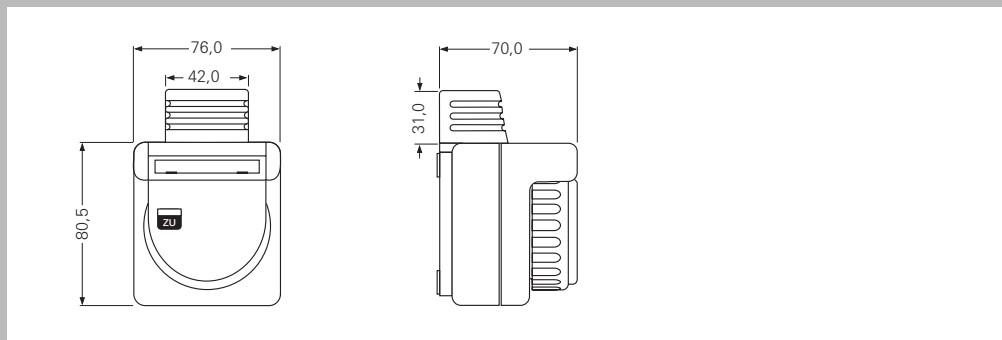


SCHUKO socket outlet



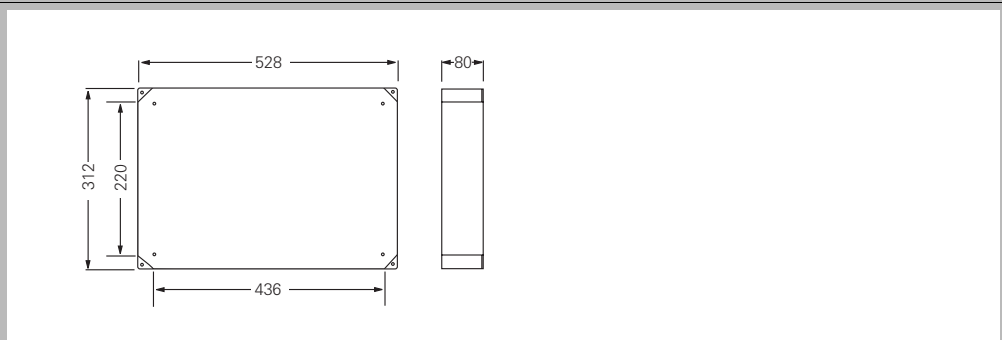
Junction box

Watertight top unit system

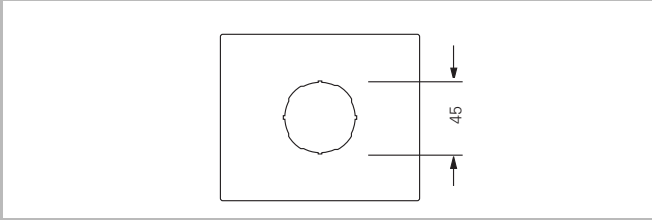
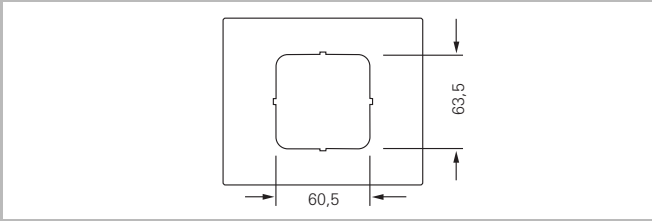
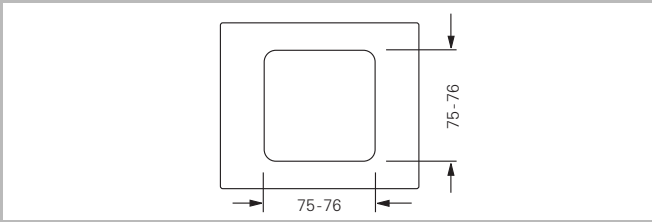
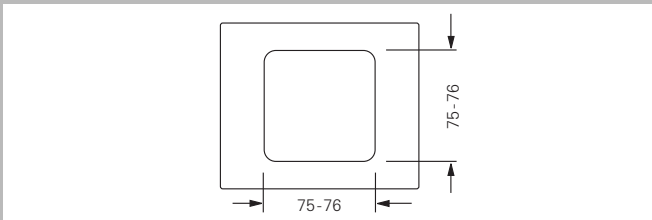
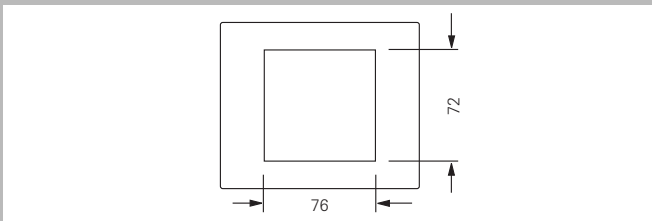
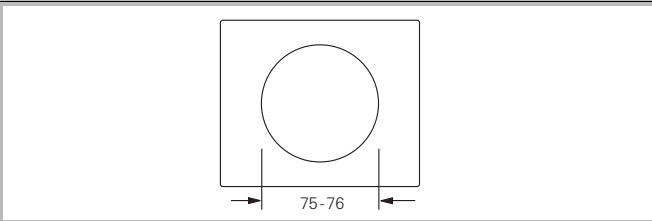
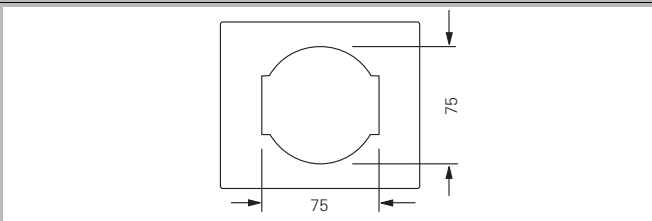


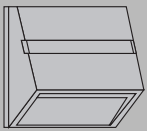
SCHUKO socket outlet

Gira/Pro-face ServerClient 15  
Flush-mounted box

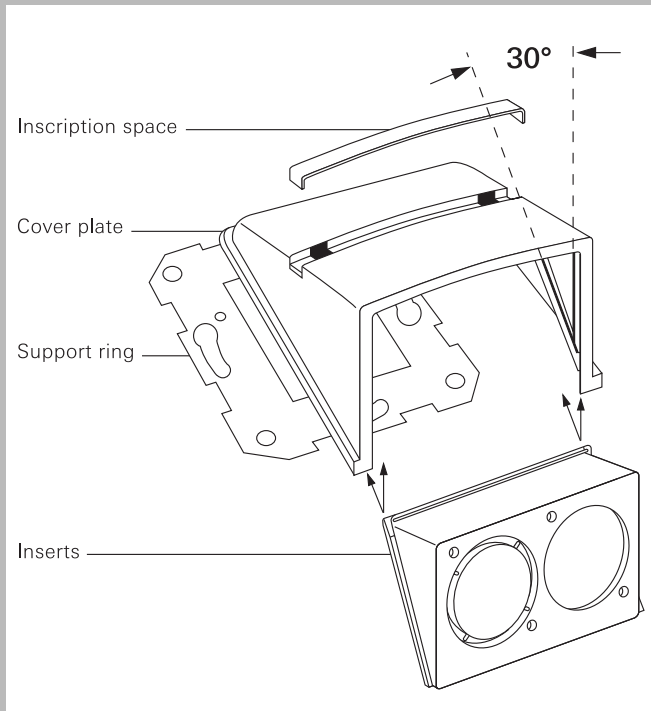


Flush-mounted box Gira/Pro-face ServerClient 15

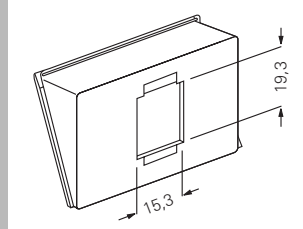
Trunk manufacturer	Ranges	Hole pattern
Ackermann Bettermann Kleinhuis Niedax Tehalit Thorsmann	Standard 55 (without frame) F100 (without frame)	
Ackermann Dahl Kleinhuis Niedax Nowa-Plast Tehalit	Standard 55 S-Color System (without frame)	
Bettermann Kleinhuis Nowa-Plast Thorsmann	Standard 55 E2 Event F100 S-Color System	
Ackermann Niedax Nowa-Plast Tehalit	Standard 55 E2 Event F100 S-Color System	
Dahl	Standard 55 E2 Event F100 S-Color System	
Baukulit Bettermann Kleinhuis Rehau Thorsmann	Standard 55 E2 Event F100 S-Color System	
Bettermann	Standard 55 E2 Event F100 S-Color System	



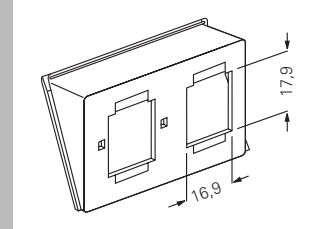
**Cover for data systems and communication connection technology**



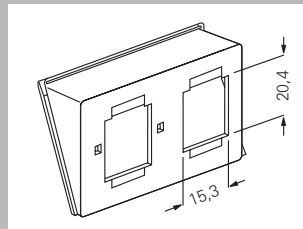
Cover plate with support ring and inscription space for data systems and communication connection technology for vertical and 30° tilted outlet.



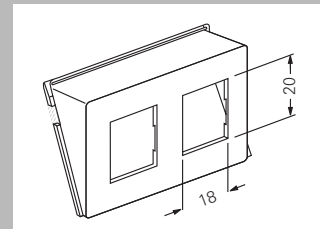
Insert 0052 00 for Modular Jack/Western Technics AMP/Radiall, 1-gang



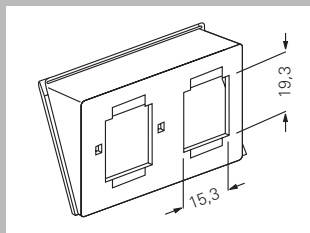
Insert 0058 00 for Modular Jack/Western Technics Lucent (AT+T), 2-gang



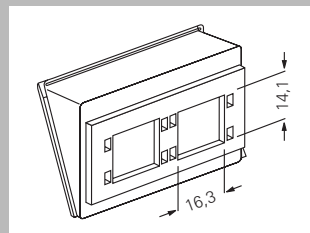
Insert 0039 00 for Modular Jack/Western Technics AMP, 2-gang



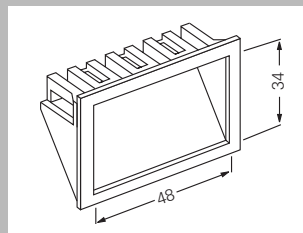
Insert 0064 00 for System Thomas & Betts (Nevada Western Structured Wiring System/IBM ACS Mini-C/600 MHz)



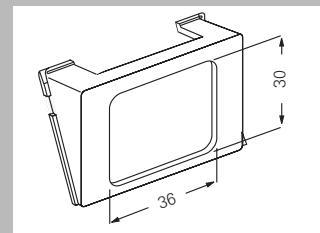
Insert 0053 00 for Modular Jack/Western Technics AMP/Radiall, 2-gang



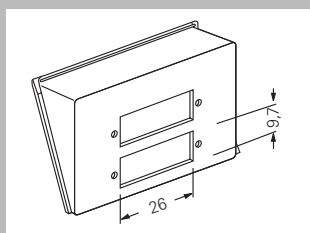
Insert 0047 00 for IBM ACS (Advanced Connectivity System) 100 b, Cabling-Cross-Line/ Reichle de Massari, 1-gang



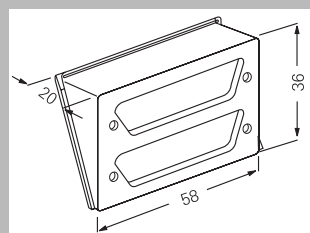
Insert 0088 00 for Telegärtner OCS system



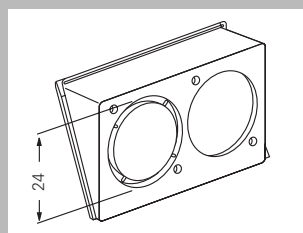
Insert 0059 00 for AMP/ACO (Communications Outlet)  
Suitable for 30° tilted socket outlet only



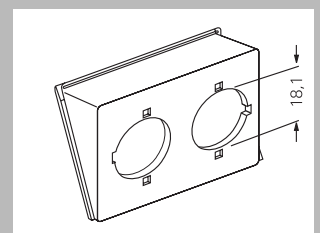
Insert 0089 00 for fibre-optic cable/SC duplex coupler, 2-gang



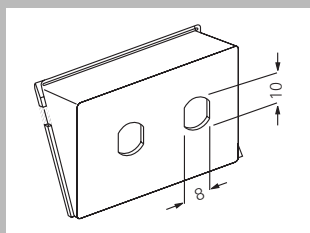
Insert 0050 00 for D-Sub



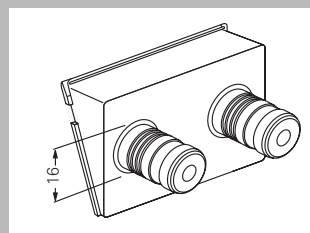
Insert 0055 00 for two XLR round plugs, D series, Speakon series NL 4 MP (Neutrik)



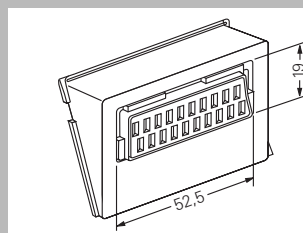
Universal insert 0049 00



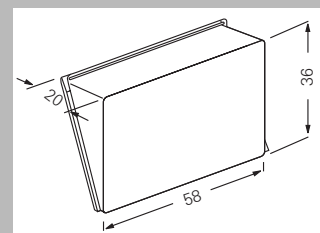
Insert 0732 00 for ST fibre-optic cable 2.5 mm



Insert 0091 00 with integrated high-end speaker plug WBT (+/-)

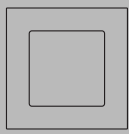


Insert 0093 00 with Scart/Euro-AV pin jack



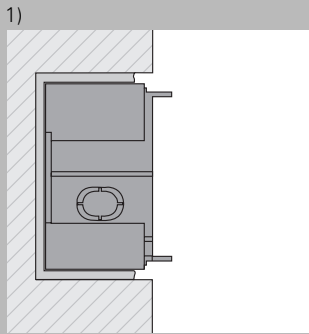
Blank insert 0048 00





E22

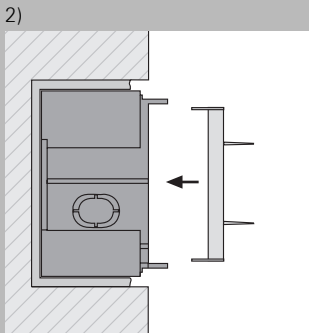
Flat installation in masonry



1)

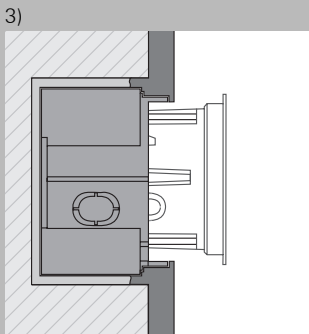
Produce a rectangular cut-out, mount the red E22 flush-mounted box and, for example, secure with plaster.

**Important:**  
Observe the note on installation depth.



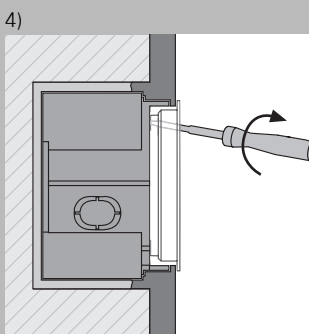
2)

Mount the included plaster protection and plaster the wall. Then remove the plaster protection and cut the box opening clear.



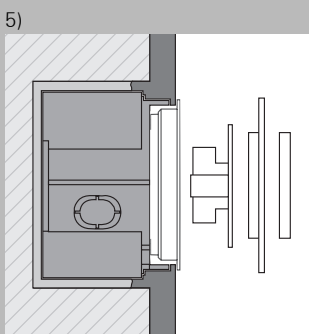
3)

Mount the grey E22 device box in the red E22 flush-mounted box and align it.



4)

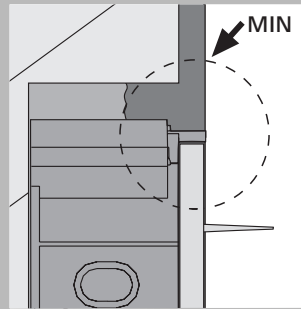
The E22 device box is screwed in the flush-mounted box with claws like a common hollow-wall box. The device box can be corrected by up to 3°.



5)

The flush-mounted inserts, cover frames and cover plates are installed in the device box in the usual manner.

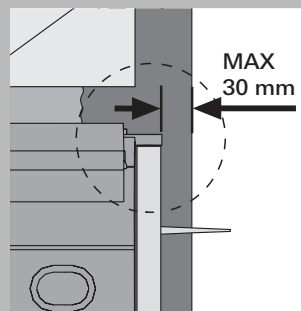
Installation depth for flat installation in masonry



The installation depth of the red flush-mounted box conforms to the plaster thickness later on.

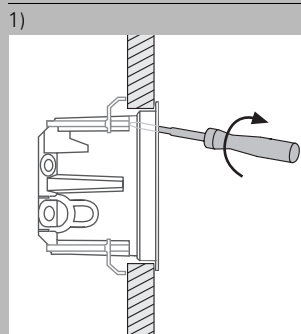
Both spacers, which can also be used to position a spirit level, must be completely covered by the plaster.

**Important:**  
The spacers of the red E22 flush-mounted box must not be shortened or removed.



Maximum plaster compensation is 30 mm.

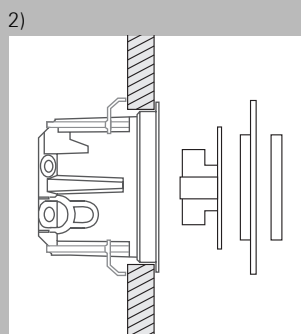
Flat installation in hollow wall



1)

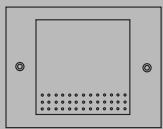
Cut out the rectangular cut-out, mount the grey device box and fasten with claws.

The E22 device box is screwed in the hollow wall with claws like a common hollow-wall box.



2)

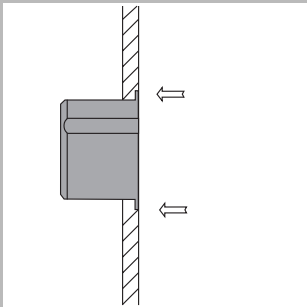
The flush-mounted inserts, cover frames and cover plates are installed in the device box in the usual manner.



TX-44

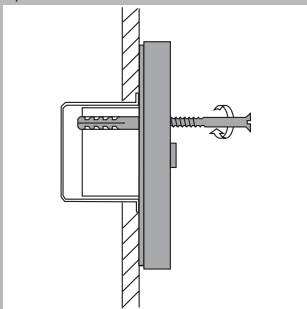
**Installation and theft protection**

1)



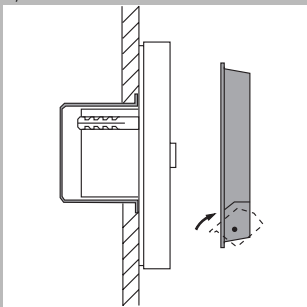
Insert flush-mounted wall box flush with wall. Take the 71 mm requirement into account with a multiple combination.

2)



Install flush-mounted insert with sealing ring. Set frame in place and plug to wall if necessary. With regards to the plug holes, the small through hole functions as an indicator aid. The thin membrane around this hole is pushed away by the screws. The 2- and 3-gang frames also have several plug holes, to allow selection of the most suitable ones depending on the foundation.

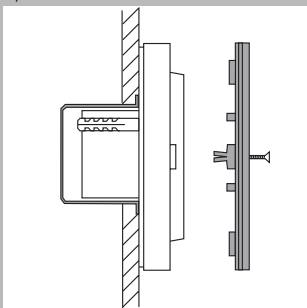
3)



Set rocker or central insert in place.

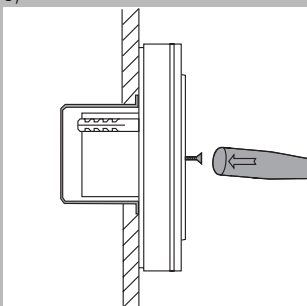
To insert the inscription label, press up the label cap around the turning point (see arrows).

4)



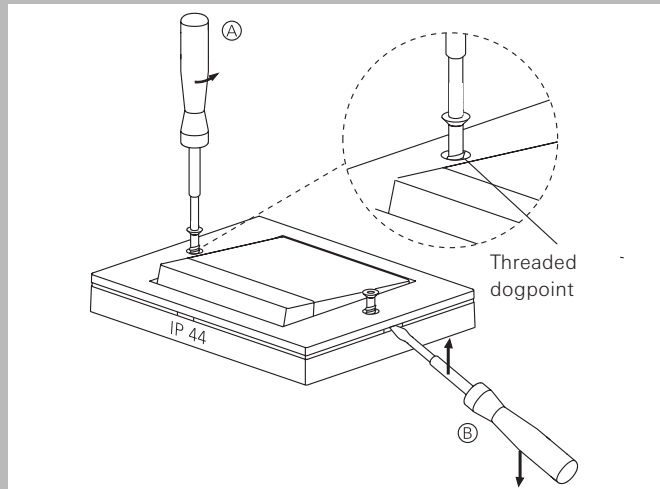
Clip on cover plate around in a circle.

5)



Simply press in Torx screws, e.g. with a screwdriver handle.

**Disassembly**

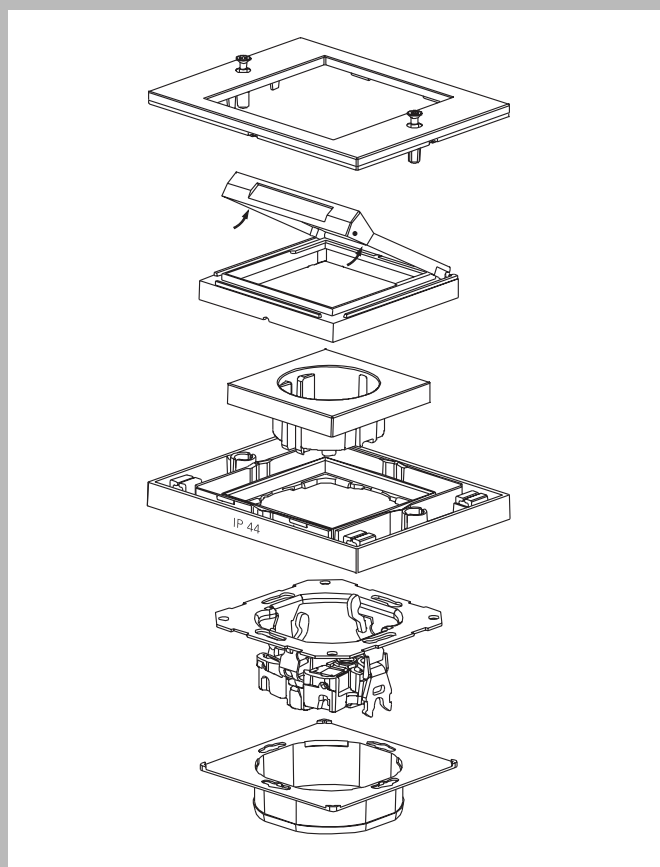


Removal

**Explanation**

- Ⓐ Loosen Torx screws until the threaded dogpoint is flush with the frame surface, so that the screws do not fall out while the cover plate is being pried up.
- Ⓑ Pry up cover plate.

**Integration of flush-mounted inserts from System 55**



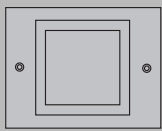
Integration of flush-mounted inserts from System 55

Order No.	Integration into intermediate plate with hinged cover Gira TX_44	Integration into intermediate plate with transparent hinged cover Gira TX_44	Range-specific cover plate
	0654 .. 0680 .. 0694 .. 0697 ..	0409 ..	pure white .. 66 anthracite ... 67 aluminium... 65
0110 02	•	•	
0111 02	•	•	
0114 ..		•	
0115 02	•	•	
0117 ..	•	•	
0122 ..		•	•
0125 ..		•	•
0126 ..		•	•
0127 ..		•	•
0128 ..		•	•
0131 ..		•	
0136 ..		•	•
0188 ..	•	•	•
0209 ..		•	
0216 ..		•	
0217 ..		•	
0218 ..		•	
0258 ..	•	•	
0259 ..	•	•	
0260 ..	•	•	
0266 ..		•	
0268 ..	•	•	•
0270 ..	•	•	
0276 ..	•	•	
0277 ..	•	•	
0278 ..		•	
0279 ..	•	•	
0280 ..	•	•	
0283 ..	•	•	
0284 ..	•	•	
0285 ..		•	•
0286 ..		•	•
0287 ..		•	•
0290 ..		•	•
0294 ..		•	•
0295 ..		•	•
0296 ..		•	•
0297 ..		•	
0298 ..		•	0290 ..
0299 ..		•	0676 ..
0315 1..		•	
0385 ..		•	
0389 ..		•	
0390 ..		•	
0391 ..		•	
0392 ..		•	
0393 ..		•	
0394 ..		•	
0396 ..		•	

Order No.	Integration into intermediate plate with hinged cover Gira TX_44	Integration into intermediate plate with transparent hinged cover Gira TX_44	Range-specific cover plate
	0654 .. 0680 .. 0694 .. 0697 ..	0409 ..	pure white... 66 anthracite ... 67 aluminium... 65
0397 ..		•	
0402 ..	•	•	
0403 ..	•	•	
0405 ..	•	•	
0408 ..	•	•	
0418 ..	•	•	
0420 ..	•	•	
0421 ..	•	•	
0422 ..	•	•	
0424 ..	•	•	
0425 ..	•	•	
0427 ..	•	•	
0429 ..	•	•	
0431 ..	•	•	
0438 ..	•	•	
0449 02	•	•	
0451 ..		•	
0452 ..	•	•	
0453 ..	•	•	•
0455 02	•	•	
0456 02	•	•	
0457 ..	•	•	
0458 ..	•	•	
0462 ..	•	•	
0463 ..	•	•	
0464 ..	•	•	
0466 ..	•	•	
0468 ..	•	•	
0469 ..	•	•	
0472 02	•	•	
0473 02	•	•	
0474 02	•	•	
0479 ..	•	•	
0485 ..	•	•	
0487 ..	•	•	
0510 ..		•	
0538 ..		•	
0539 ..		•	
0540 ..		•	
0543 ..		•	
0545 ..		•	
0630 ..		•	
0634		•	
0644 ..		•	
0650 ..		•	
0652 ..		•	
0655 ..		•	•
0663 ..	•	•	
0664 ..		•	•

Order No.	Integration into intermediate plate with hinged cover Gira TX_44	Integration into intermediate plate with transparent hinged cover Gira TX_44	Line-specific cover plate
0654 ..			pure white... 66
0680 ..			anthracite ... 67
0694 ..			aluminium... 65
0697 ..		0409 ..	
0666 ..		•	•
0669 ..		•	•
0670 ..		•	
0673 ..		•	•
0674 ..		•	
0676 ..		•	
0678 ..		•	•
0679 ..		•	
0820 ..		•	
0822 ..		•	
0841 ..		•	
0860 ..	•	•	
0869 ..	•	•	
0876 ..	•	•	
1011 100	•	•	
1013 100	•	•	
1052 100	•	•	
1061 100	•	•	
1063 100	•	•	
1104 ..		•	
1111 ..	•	•	
1113 ..	•	•	
0289 ..	<p><b>Intermediate plate with square cut-out (55 x 55 mm) (IP 20)</b> Using this intermediate plate and cover frame (1- to 4-gang), products from System 55 can be integrated in TX_44. (hotel-card button, RCD (residual-current device) protection socket outlet, data interface, data cap, attachable covering cap, home station standard with receiver and home station comfort with receiver cannot be integrated with this intermediate plate.) <b>Not suitable for humid room installation, due to protection type IP 20.</b></p>		

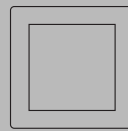
Order No.	Integration into intermediate plate with hinged cover Gira TX_44	Integration into intermediate plate with transparent hinged cover Gira TX_44	Line-specific cover plate
0654 ..			pure white... 66
0680 ..			anthracite ... 67
0694 ..			aluminium... 65
0697 ..		0409 ..	
1150 ..		•	
1171 00		•	
1175		•	
1186 ..		•	
1190 ..	•	•	
1280 1..		•	
1283 100		•	
1285 100		•	
1286 ..		•	
1308 ..		•	
1309 ..		•	
2001 100	•	•	
2003 100	•	•	
2100 ..		•	
2101 ..		•	
2260 ..		•	
2261 ..		•	
2264 ..		•	
2755 ..	•	•	
2756 02	•	•	
2757 02	•	•	
2758 02	•	•	
1163 ..	<p><b>Attachable covering cap with intermediate plate (55 x 55 mm) (IP 20) for e.g. plug-and-socket outlets of System 55</b> Using this covering cap with intermediate plate (55 x 55 mm) and covering cap (1- to 4-gang), plug-and-socket outlets of System 55 can be integrated into TX_44. Using the intermediate plate with square cut-out (50 x 50 mm) 0282 .., devices from other manufacturers can also be integrated. <b>Not suitable for humid room installation, due to protection type IP 20.</b> <b>Sampling the products is highly recommended.</b></p>		



**LED orientation light  
230 V**  
1159 .. (orange)  
1161 .. (white)  
1162 .. (blue)

**Technical data**

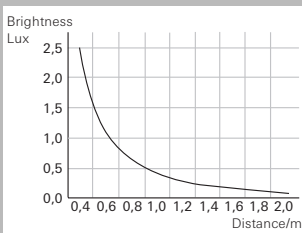
Power supply:	AC 230 V ~, 50 Hz
Connected load:	5.6 VA
Effective output:	0.85 W
Light current:	1.6 Lm (orange) 3.5 Lm (white) 1.3 Lm (blue)
Light intensity:	0.4 cd (orange) 0.8 cd (white) 0.3 cd (blue)
Light efficiency:	1.9 Lm/W (orange) 4.0 Lm/W (white) 1.5 Lm/W (blue)
Luminance:	150 cd/m <sup>2</sup> (orange) 330 cd/m <sup>2</sup> (white) 130 cd/m <sup>2</sup> (blue)
Protection type:	IP 44 (installation with sealing ring in a flush-mounted panel box) IP 20 (installation in a light outlet box)
Operating temperature:	- 15 °C to + 50 °C



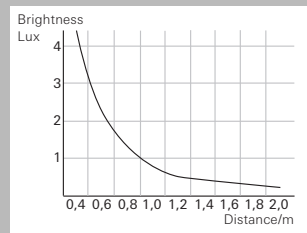
**LED orientation light  
230 V**  
1169 00

**Technical data**

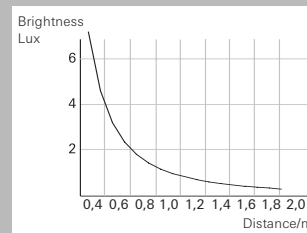
Power supply:	AC 230 V ~, 50 Hz
Connected load:	2.0 VA
Effective output:	1.8 W
Light current:	4.0 Lm
Light intensity:	1.3 cd
Light efficiency:	2.2 Lm/W
Luminance:	130 cd/m <sup>2</sup>
Protection type:	IP 20
Operating temperature:	- 15 °C to + 40 °C



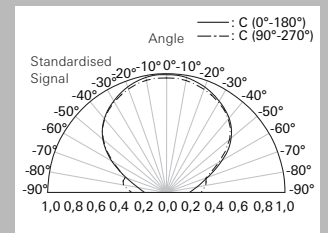
Brightness distribution in main shine direction 1159 .. (orange LED)



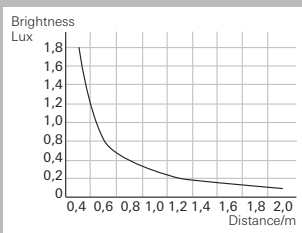
Brightness distribution in main shine direction 1161 .. (white LED)



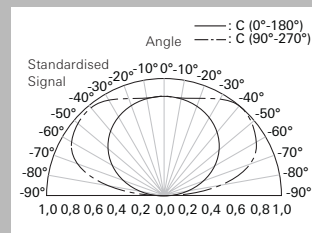
Brightness distribution in main shine direction 1169 00



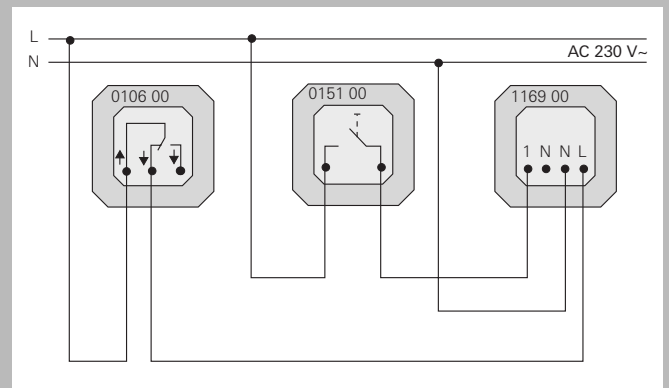
Radiation characteristic in polar coordinates



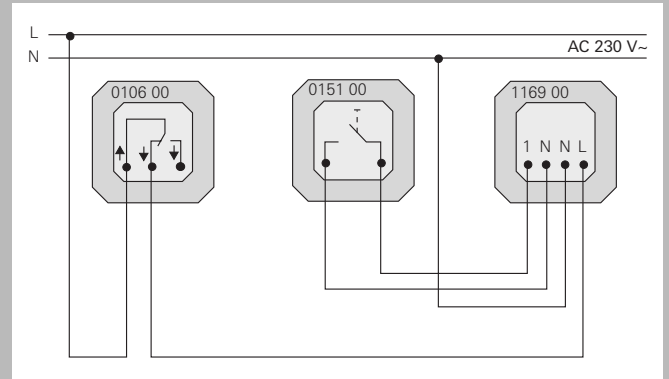
Brightness distribution in main shine direction 1162 .. (blue LED)



Radiation characteristic in polar coordinates



Connection for LED orientation light. Phase to control input 1



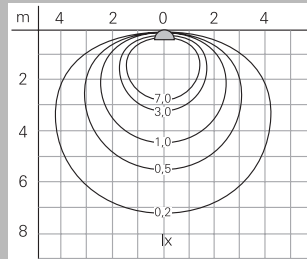
Connection for LED orientation light. Neutral conductor to control input 1

Energy and light profiles

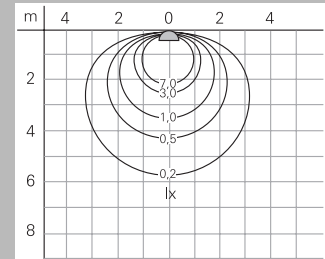


**Energy profile, height: 491 mm**

- ① Gira light profile
- ② Gira energy profile
- ③ Gira energy profile with three empty units



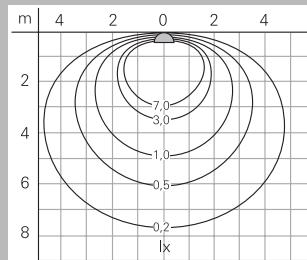
Lighting element: TC-TSE 20 W/827  
Height of light spot above the ground: 0,363 m



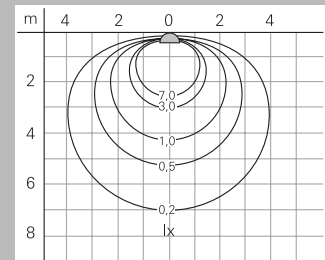
Lighting element: TC-DSE 11 W/827  
Height of light spot above the ground: 0,363 m

**Energy profile, height: 769 mm**

- ④ Gira light profile
- ⑤ Gira energy profile with light element
- ⑥ Gira energy profile with light element and three empty units
- ⑦ Gira energy profile with light element and six empty units



Lighting element: TC-TSE 20 W/827  
Height of light spot above the ground: 0,65 m



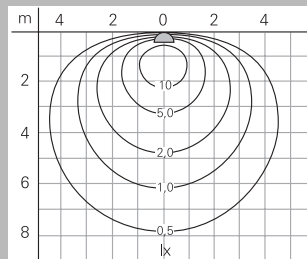
Lighting element: TC-DSE 11 W/827  
Height of light spot above the ground: 0,65 m

**Energy profile, height: 1,400 mm**

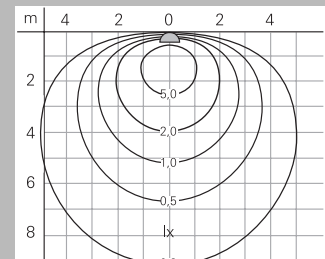
- ⑧ Gira energy profile with four empty units

**Energy profile, height: 1,600 mm**

- ⑨ Gira energy profile with four empty units
- ⑩ Gira energy profile with light element and three empty units
- ⑪ Gira energy profile with light element and six empty units

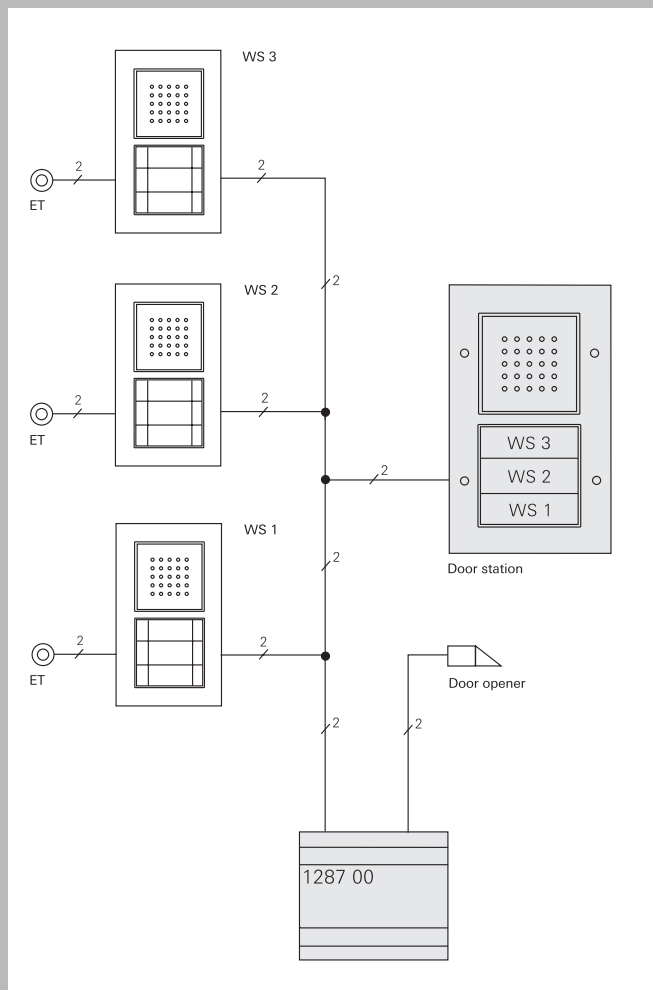


Lighting element: TC-DSE 20 W/827  
Height of light spot above the ground: 1,52 m

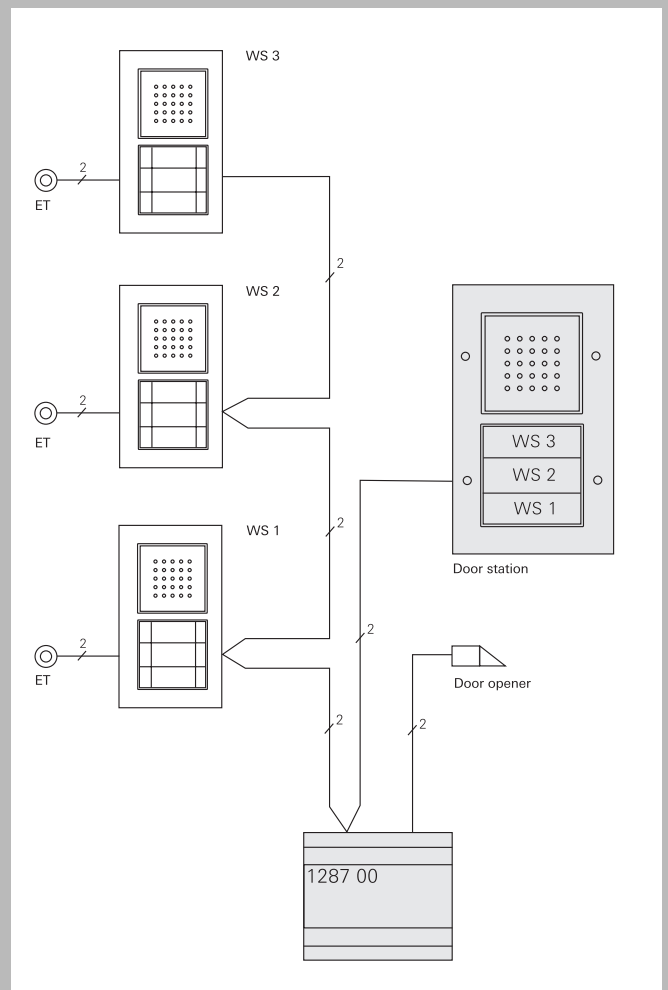


Leuchtmittel: TC-DSE 11 W/827  
Height of light spot above the ground: 1,52 m

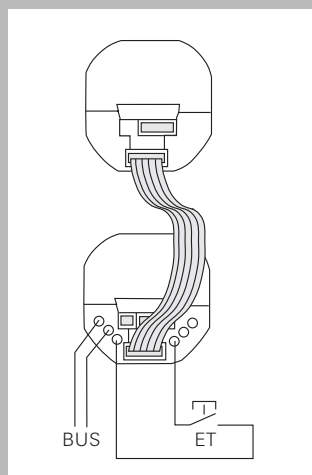
Audio



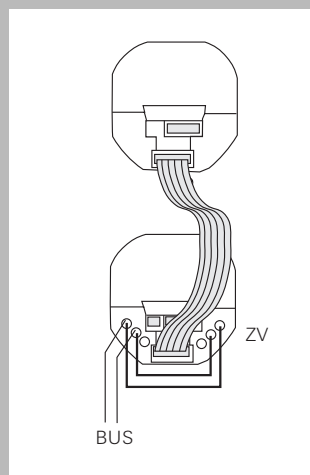
Solution: "branching"



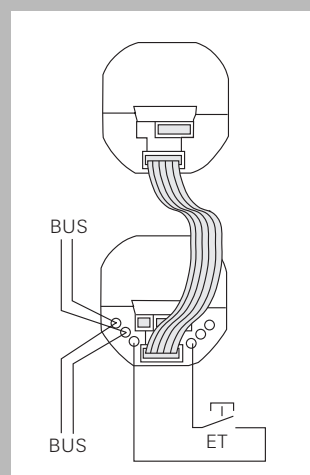
Solution: "looping through"



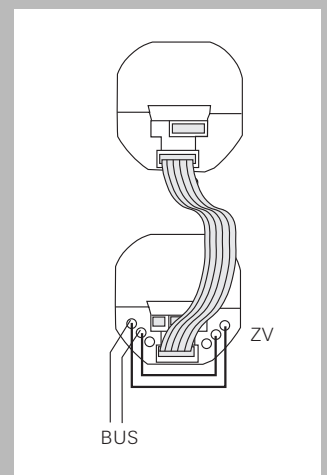
Connection of the home stations with the "branching" solution



Connection of the door station with the "branching" solution



Connection of home stations with the "looping through" solution



Connection of the door station with the "looping through" solution

**Floor call button (ET)**

The floor call button (ET) used is a standard push button (NO contact).

**Call button illumination**

The call button illumination of an audio door station can be switched off by removing the jumper between BUS and ZV.

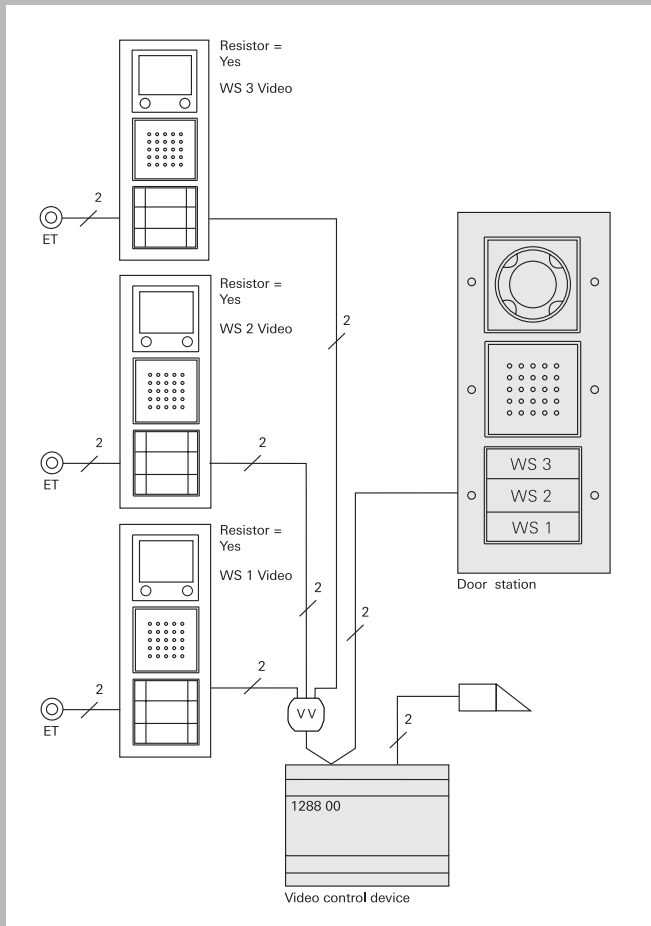
**Cable lengths for audio components**

The maximum total cable lengths (distributed an several cable cords) amounts to 700 m. At every cable cord, maximally 30 participants may be connected.

The maximum cable lengths of the single cords (of the control device to the last participant) are dependent upon the cable diameter used. The guidelines for audio components are:

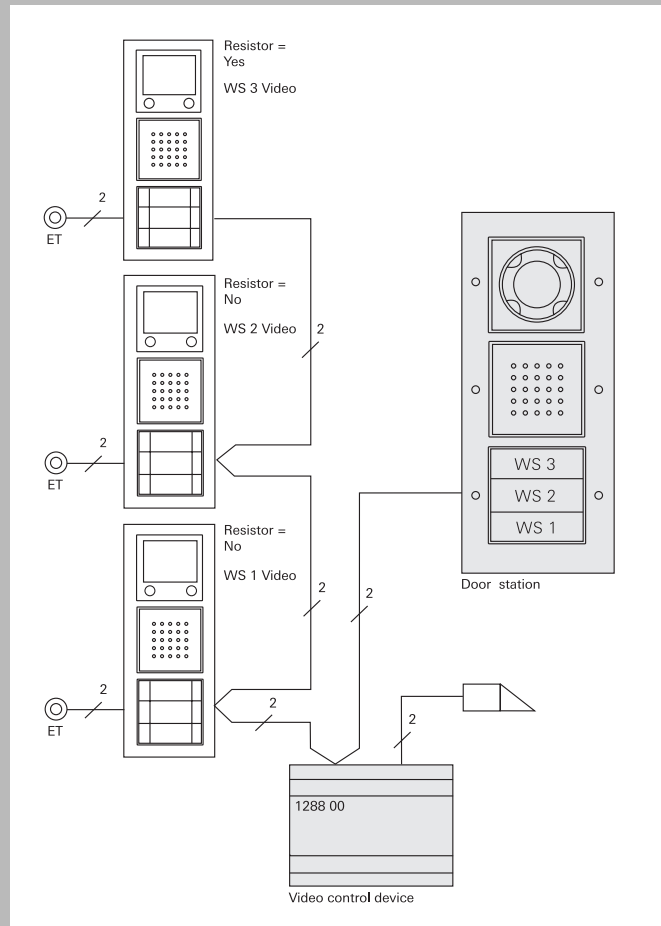
- 0.6 mm diameter: 170 m
- 0.8 mm diameter: 300 m

Video



Solution: "branching"

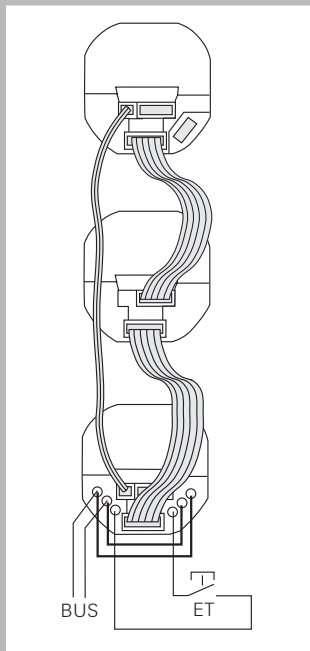
**Solution: "branching".**  
A video distributor (VV) must be used at the node to realise defined line termination.



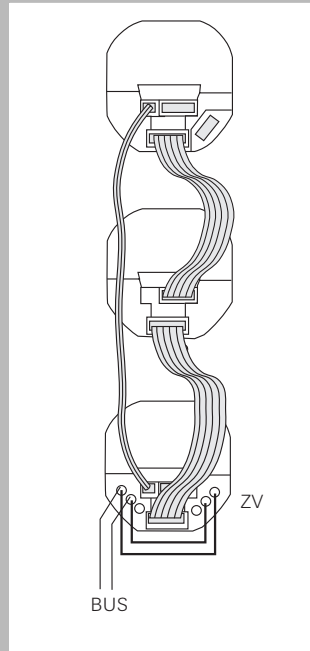
Solution: "looping through"

**Solution: "looping through".**  
In the topology presented, you do not need a video distributor (VV) when looping through the 2-wire bus.

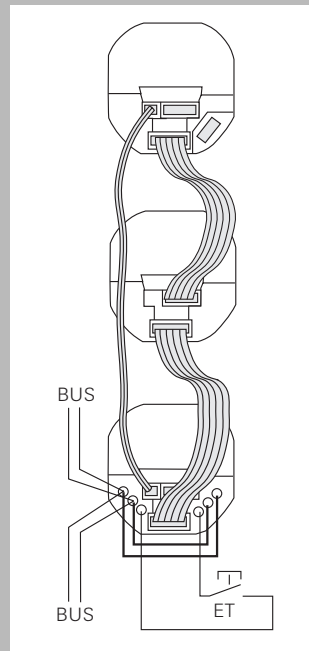
In some installation scenarios, a video distributor is required with "looping through", e.g. if several colour cameras are used.



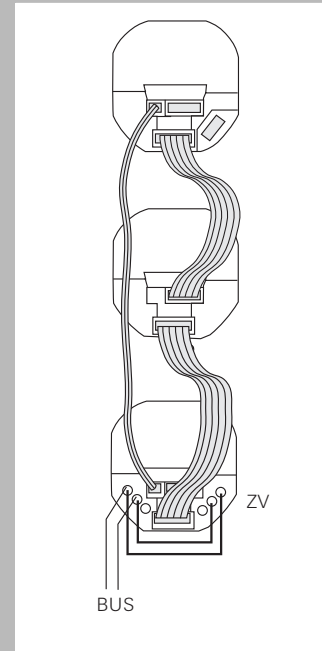
Connection of the home stations with the "branching" solution



Connection of the door station with the "branching" solution



Connection of the home stations with the "looping through" solution



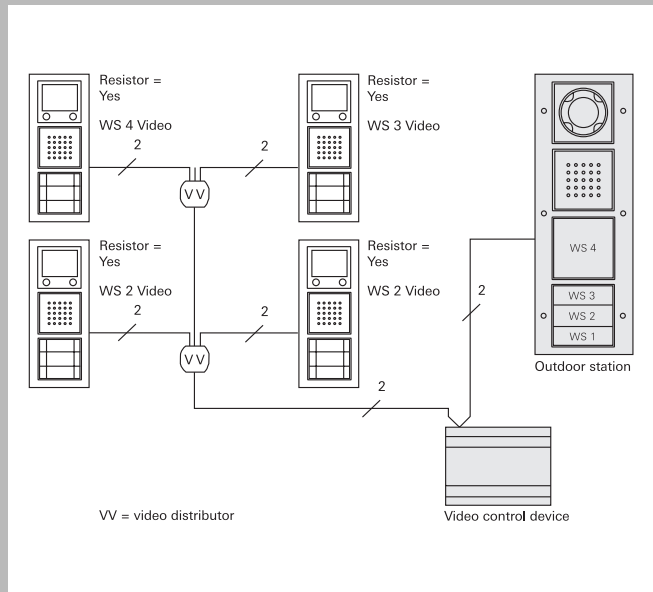
Connection of the door station with the "looping through" solution

**Cable lengths for video components**

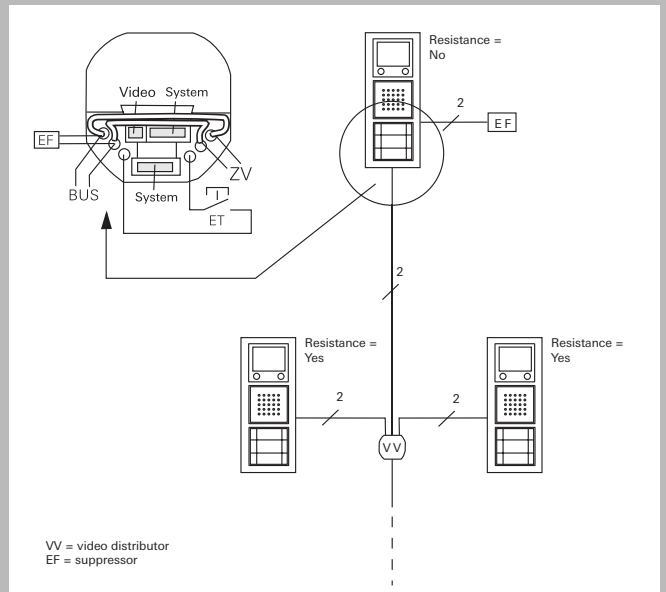
The maximum cable length between colour camera and TFT display is 100 m.



Rules for the configuration of the terminating resistance and for use of the video distributor

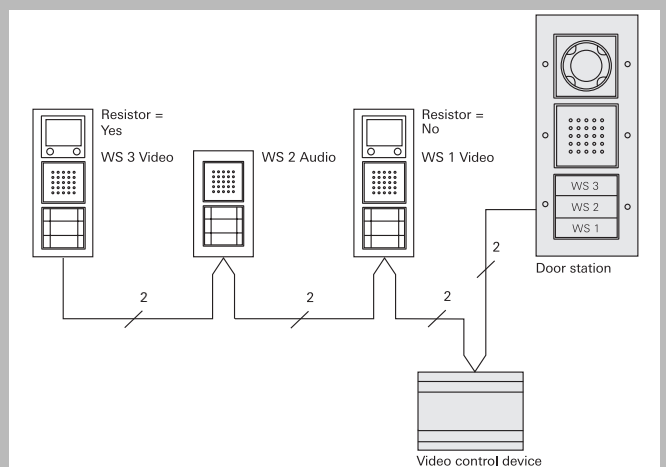
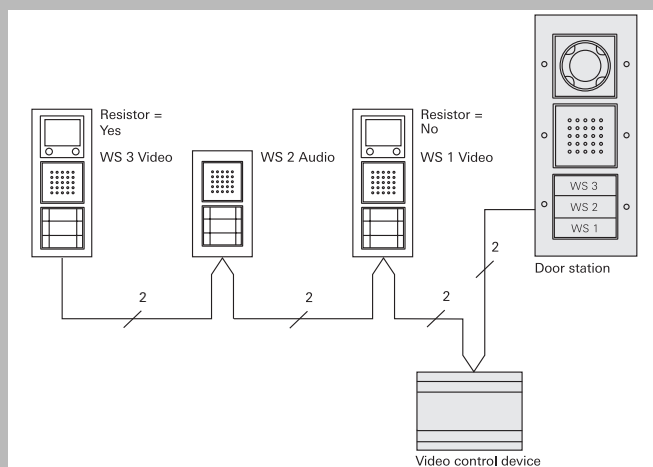
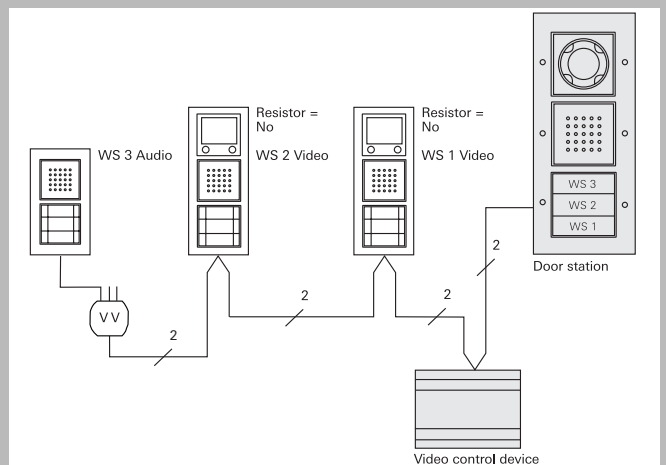
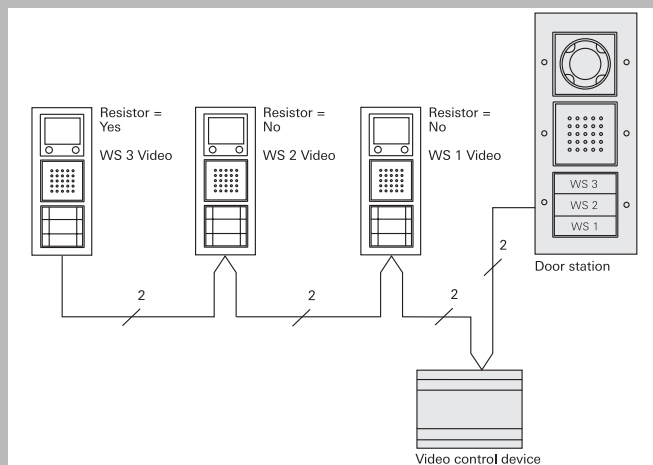


**Always activate terminating resistance at the branch end.**  
The terminating resistance must be activated at the TFT display for home stations located at the branch end.



**With three or more video distributors, set the suppressor.**  
If three or more video distributors are used in a topology, a suppressor must be connected at the furthest home station with TFT colour display.

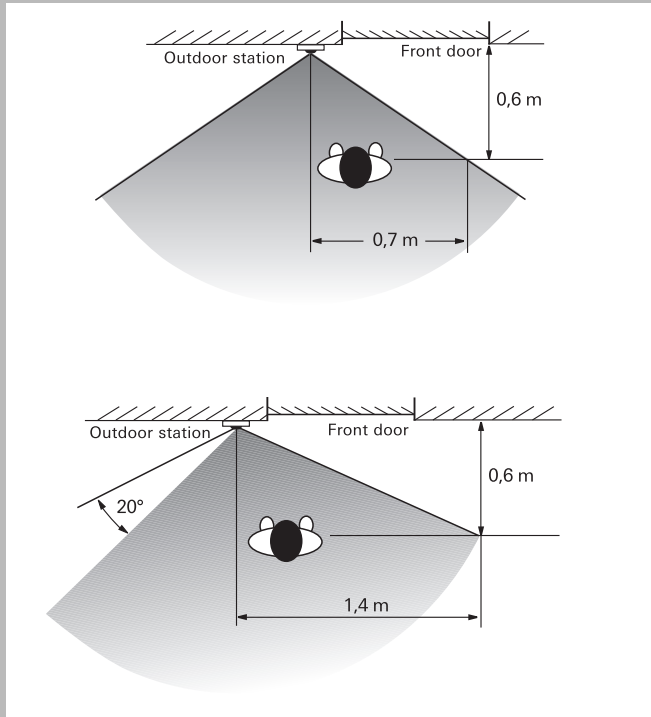
The terminating resistance at the home station with the suppressor is deactivated at the TFT display.



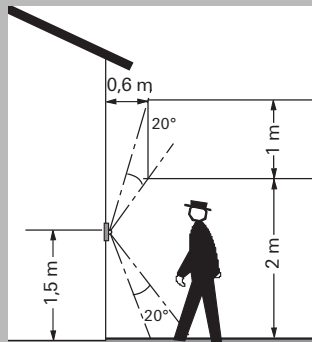
**With looping through, activate the terminating resistance of the last home station**  
Home stations without the video function can simply be integrated into the line and do not affect the setting of the last home station.

**A video distributor (VV) is required with an audio home station at the branch end**  
If a home station without the video function is located at the end of a cable line, a video distributor must be inserted.

Range of coverage of the colour camera



The camera lens can be manually adjusted approx. 20° in all directions.



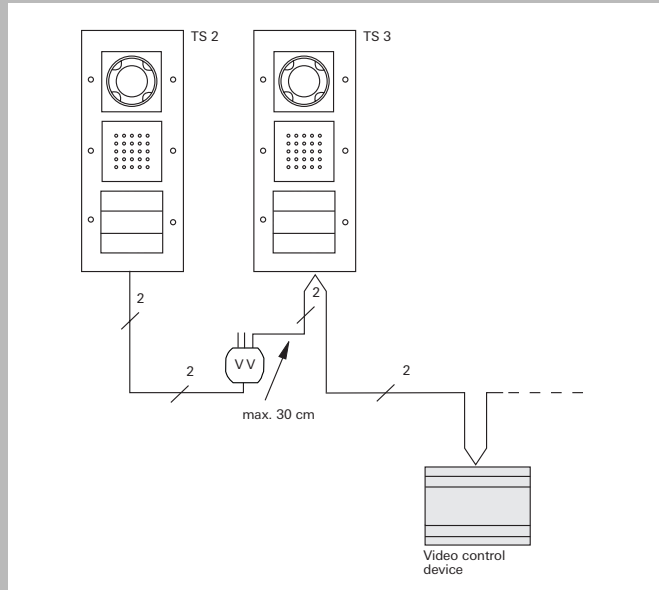
Horizontal range of coverage

When positioning a door station with colour camera, note the following items.

**Avoid:**

- direct sunlight
- direct backlighting, e.g. via outdoor or street illumination
- bright or reflective image backgrounds
- installation of the colour camera directly below a light source

Use of several colour cameras

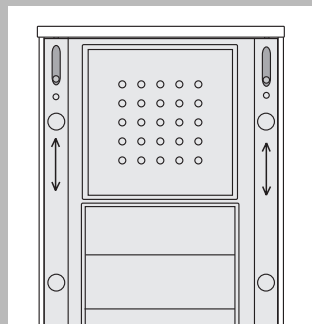


Connection of several colour cameras

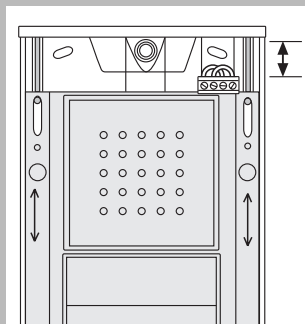
When several door stations with a colour camera are used, they are linked with one another via video distributors.

Ensure correct wiring of the inputs and outputs when connecting the colour cameras to the video distributors.

Surface-mounted door station



Surface-mounted door station with call button 3-gang



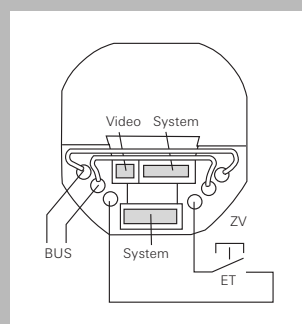
Surface-mounted door station with call button 3-gang, with shifted PCB

To obtain installation space, the device PCB of the surface-mounted door stations can be pushed downwards.

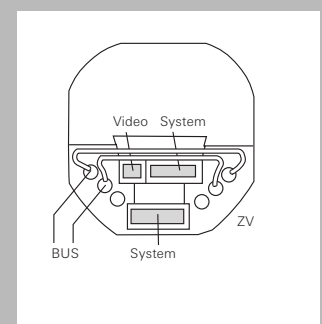
**Attention**

The device PCB may not be pulled out of the housing completely.

Door communication bus coupler



Bus coupler of a home station with TFT display



Bus coupler of a door station with colour camera

**Bus coupler jumpers**

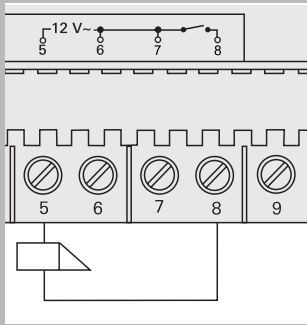
When operating the TFT display, the accompanying wire jumpers must be connected between BUS and ZV at the bus coupler of the home station.

**Bus coupler jumpers**

The call-button illumination at the door station is supplied via the accompanying wire jumpers.

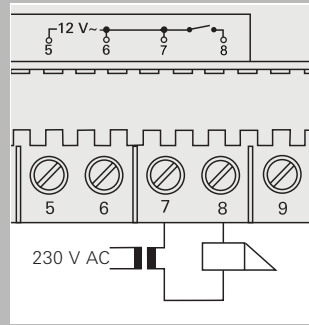
When operating the colour camera, the wire jumpers must be laid between BUS and ZV at the bus coupler of the door station. Thus the call button illumination cannot be deactivated in this case.

Door opener at audio control device



Connection of a door opener (12 V, max. 1.6 A) to the audio control device.

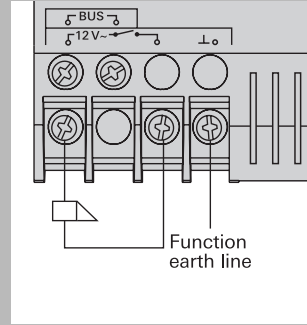
The power supply of the door opener comes from the audio control device.



Connection of a door opener with external power supply (e.g. 24 V AC) to the audio control device.

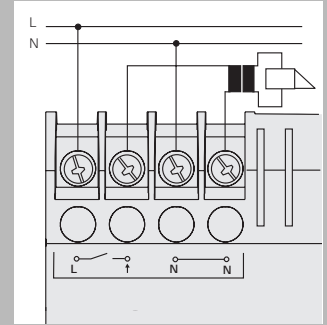
The power supply of the door opener comes from an additional transformer.

Door opener at video control device



Connection of a door opener (8 - 12 V, max. 1.1 A) to the video control device.

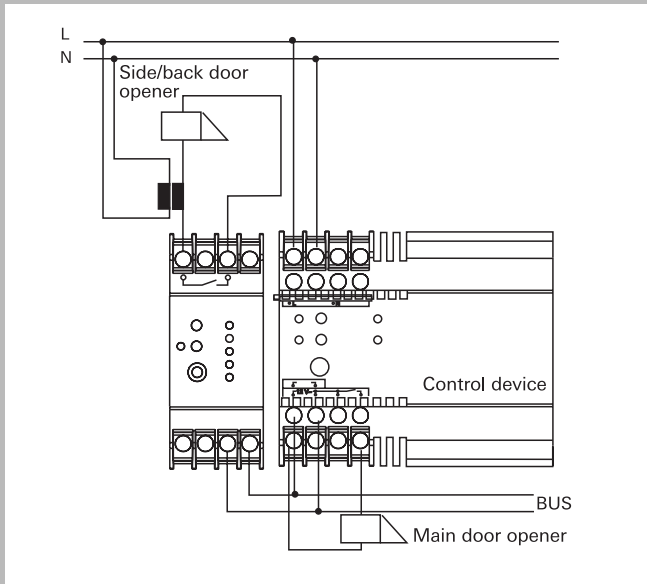
The power supply of the door opener comes from the video control device.



Connection of a door opener with external power supply (230 V AC, max. 2 A) to the video control device.

The power supply of the door opener comes from an additional transformer.

Door opener at switching actuator



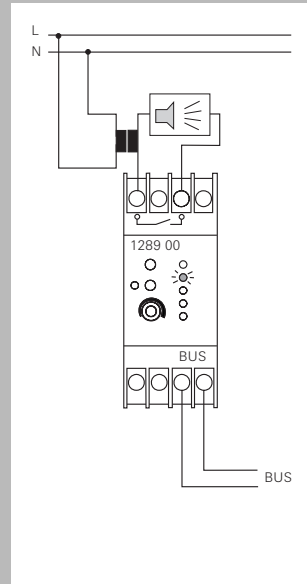
Connection of a door opener to the switching actuator

The door opener connected to the switching actuator is assigned to the door station of the "back/side" door. The door opener of the "main" door is operated via the control unit.

In the "Türöffner" operating mode, the switching actuator of the door opener button of the home station is operated.

The door opener connected to the switching actuator can then only be activated via the door opener button of the home station if a door call was initiated beforehand from the door station of the "side/back" door. 2 min. after the door call (without a conversation) or 30 sec. after the door conversation occurs, switching to the "main" door takes place.

Switching actuator applications

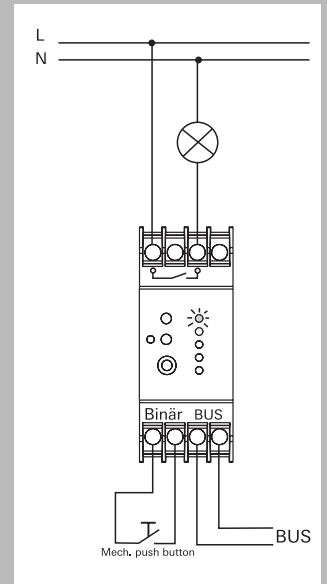


Connection of an additional signal transmitter

Example "Additional signalling"

Parallel to the door call at the home station, additional signalling (external bell, vibrating pad etc.) is to be triggered after call button actuation.

In this case, the "Timer/sek." operating mode is selected at the switching actuator.



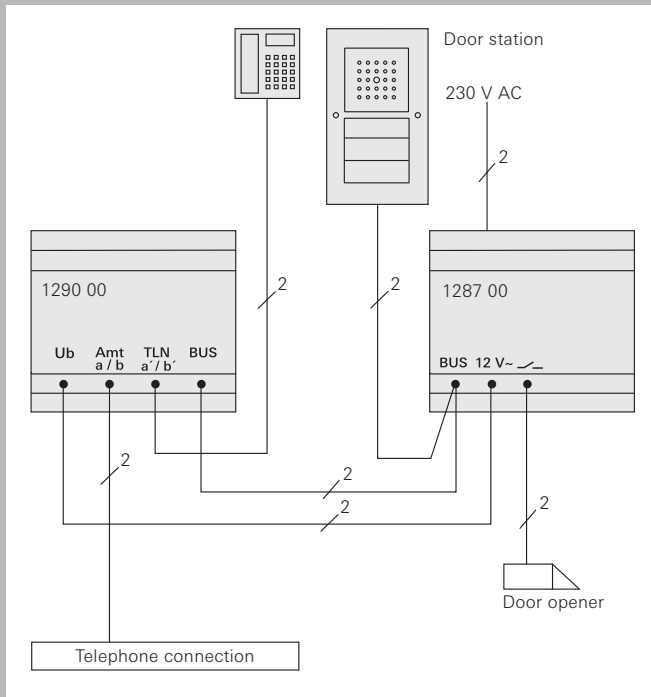
Connection of a light

Example "Switching illumination"

The lighting can be switched on and off via a call button of a home station and via the mechanical push button.

In this case, the "Schalten" operating mode is selected at the switching actuator.

TC-gateway on analogue telephone connection



Connection to the analogue exchange connection

With use on an analogue telephone connection, an analogue telephone is connected to the "TLN" port. All door calls are forwarded to the connected telephone.

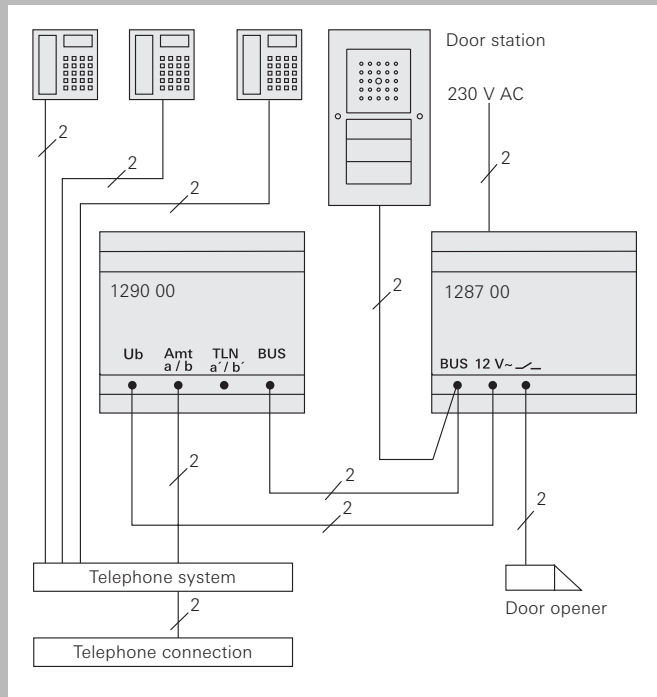
In addition, door calls can be forwarded to an external phone number (e.g. a mobile phone).

A conversation can then be held with the person at the door station via the external telephone, and, if necessary, the door can be opened.

ISDN

With an ISDN connection, attach the exchange connection of the TC-gateway to the analogue AB port of the ISDN system.

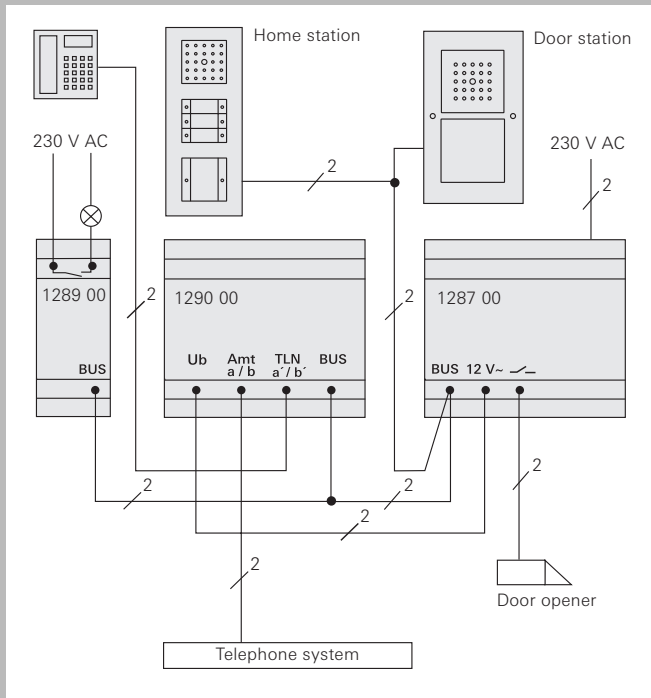
TC-gateway on a telephone system



Connection to a telephone system

When operating the Gira TC-gateway on the analogue auxiliary unit of a telephone system, the range of features and the behaviour of the individual devices depend on the telephone system.

In auxiliary unit operation, all door calls are forwarded via the exchange terminal of the TC-gateway to the telephone system and then distributed to the connected telephones from there.

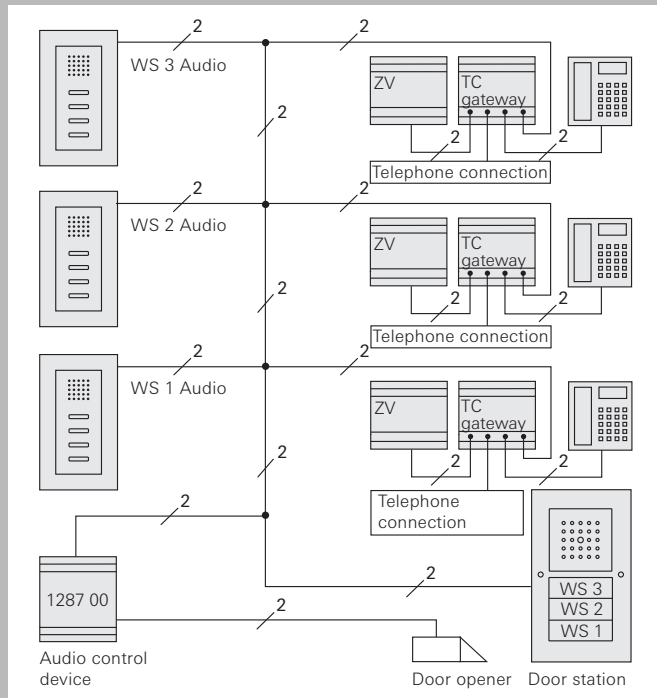


TC-gateway in a single-family house

Example of application single-family house

The single-family house has a door station, a home station with an additional call button, a switching actuator, which

switches the outdoor lighting and a TC-gateway. The TC-gateway is attached to the analogue telephone connection.



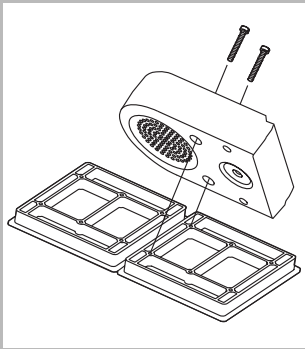
TC-gateways in a multi-family house

Example of application multi-family house

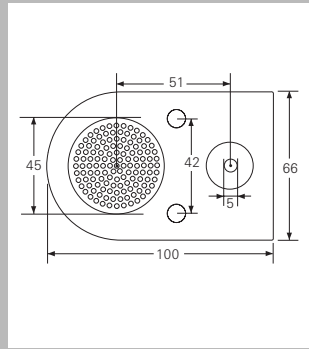
The multi-family has a door station with three call buttons.

Each flat has a home station and a TC-gateway with its own additional power supply (AS).

**Built-in loudspeaker**



Installation of built-in loudspeaker



Dimensions of built-in loudspeaker

**Function**

With the built-in loudspeaker, the Gira door communication system is integrated in letterbox systems, door side installations or front panels. In the process, the built-in loudspeaker acts as an adapter between the mechanical call buttons of the existing system and the Gira 2-wire bus and takes over the function of the door station.

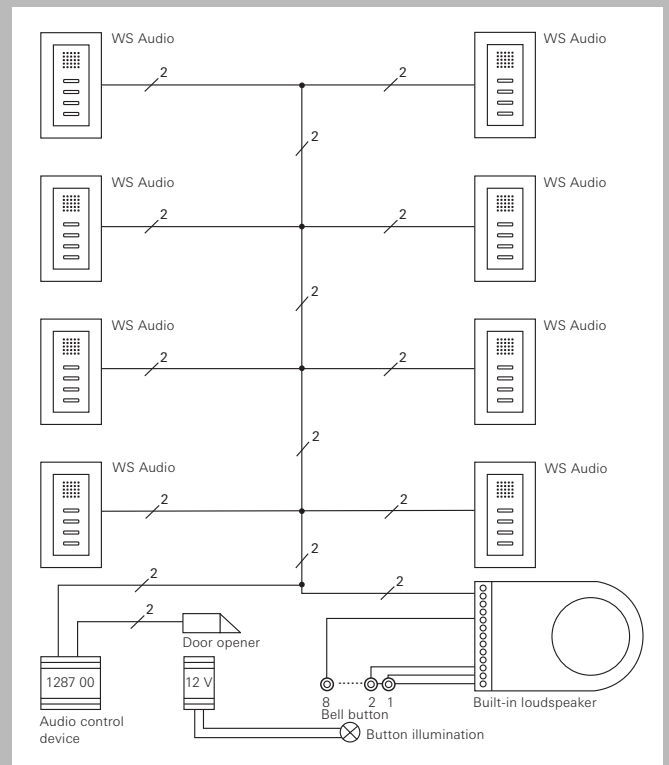
**Installation**

The built-in loudspeaker is mounted behind the speech cover plate of the existing system. Depending on the design, this is carried out directly on the front panel or via a manufacturer-dependent installation carrier. The built-in loudspeaker has two mounting openings which are matched to the mounting systems of common installation solutions.

**Add-on module**

Up to 8 mechanical bell buttons can be connected to the door loudspeaker. Additional bell buttons can be connected via the add-on module. Up to 5 add-on modules with 12 bell buttons each can be connected to a built-in loudspeaker. Systems with up to 70 devices can be realised with the built-in loudspeaker, for example  
 1 built-in speaker with  
 5 add-on modules,  
 68 surface-mounted hands-free home stations and  
 1 switching actuator.

**Supply of the call-button illumination in large facilities**

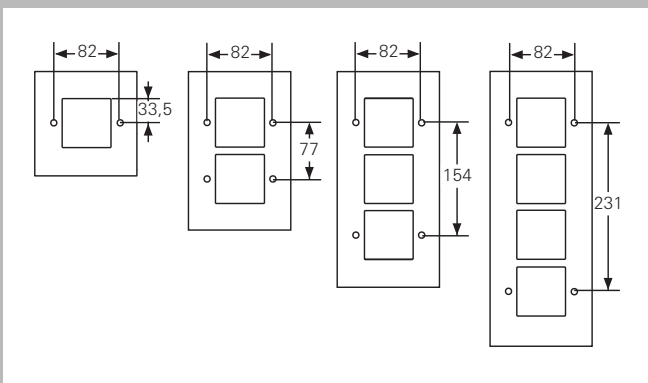


Connection of built-in loudspeaker

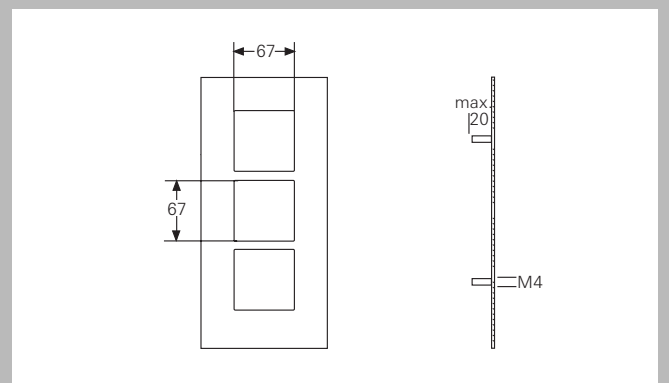
**Illumination of the bell button**

The illumination of the bell button cannot be supplied with power via the control device. The bell button illumination must be connected to an additional power supply, e.g. a common bell transformer.

**Installation profile**



Positions of holes (for M4 x 16 mm screws)



Cut-outs for TX\_44 inserts  
 Dimensions of the welded pins (M4 x 20 mm)

**Function**

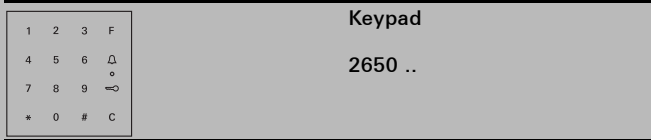
With the installation profile the components of the flush-mounted door station are integrated flush in letterboxes, front panels or door side installations. The installation profile is available in 1 to 4-gang models.

**Height compensation**

The height compensation ensures that the components can also be installed flush with front panel wall thicknesses from 1.25 – 4 mm.

**Installation**

The installation profile is secured on the front panel with screws or welded pins. As an alternative, the installation profile can also be glued to the front panel with the optionally available attachment set.



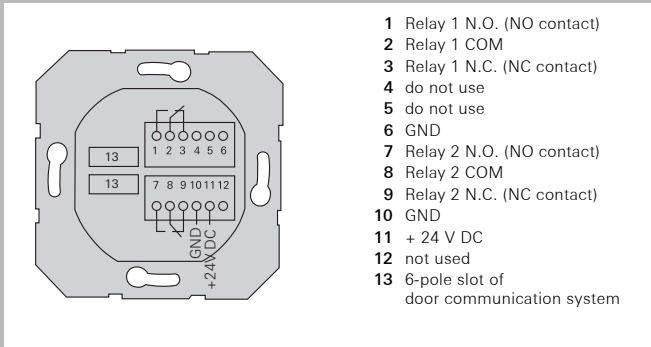
**Keypad**

2650 ..



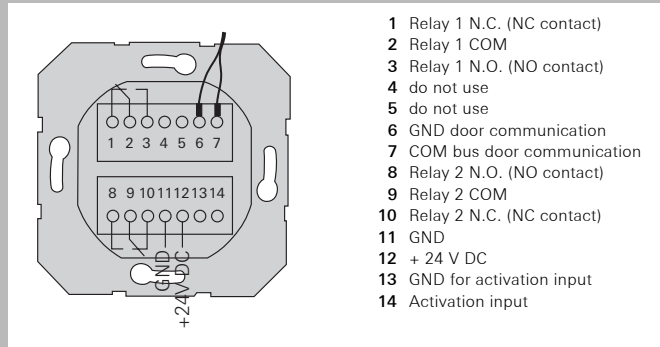
**Transponder reader**

2606 ..



- 1 Relay 1 N.O. (NO contact)
- 2 Relay 1 COM
- 3 Relay 1 N.C. (NC contact)
- 4 do not use
- 5 do not use
- 6 GND
- 7 Relay 2 N.O. (NO contact)
- 8 Relay 2 COM
- 9 Relay 2 N.C. (NC contact)
- 10 GND
- 11 + 24 V DC
- 12 not used
- 13 6-pole slot of door communication system

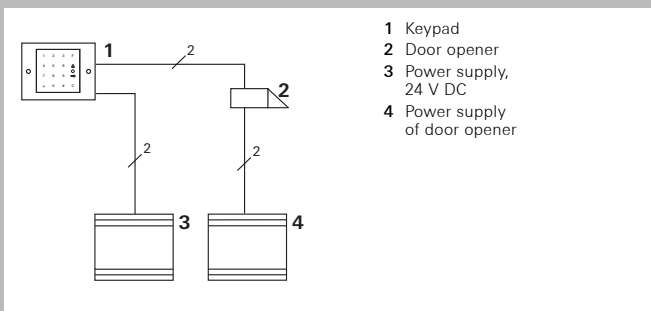
Connection terminals of keypad



- 1 Relay 1 N.C. (NC contact)
- 2 Relay 1 COM
- 3 Relay 1 N.O. (NO contact)
- 4 do not use
- 5 do not use
- 6 GND door communication
- 7 COM bus door communication
- 8 Relay 2 N.O. (NO contact)
- 9 Relay 2 COM
- 10 Relay 2 N.C. (NC contact)
- 11 GND
- 12 + 24 V DC
- 13 GND for activation input
- 14 Activation input

Connection terminals of transponder reader

**Use as individual device**

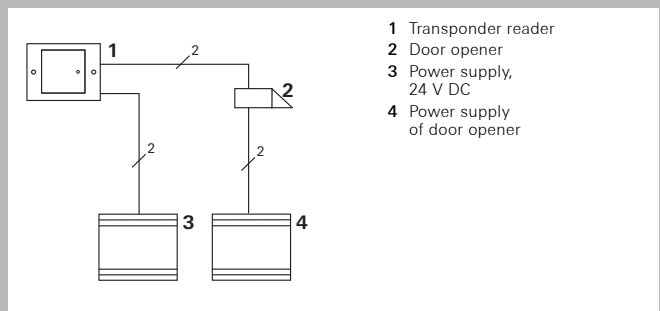


- 1 Keypad
- 2 Door opener
- 3 Power supply, 24 V DC
- 4 Power supply of door opener

When operating the keypad as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply.

The use of the keypad as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the keypad is removed by bridging the contacts which are then exposed.

**Use as individual device**

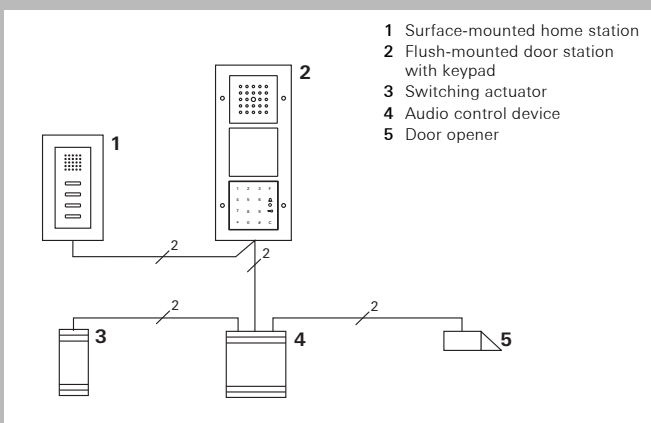


- 1 Transponder reader
- 2 Door opener
- 3 Power supply, 24 V DC
- 4 Power supply of door opener

When operating the transponder reader as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply.

The use of the transponder reader as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the transponder reader is removed by bridging the contacts which are then exposed.

**Use in a door communication system**

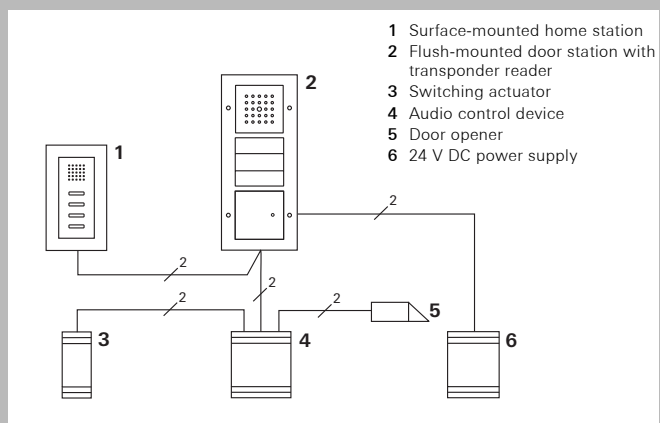


- 1 Surface-mounted home station
- 2 Flush-mounted door station with keypad
- 3 Switching actuator
- 4 Audio control device
- 5 Door opener

The keypad is connected to the door communication system with the 6-pole connection cable. The keypad can be supplied with power via the door communication bus. In this case, the jumpers between ZV and BUS must be attached to the bus coupler of the door station.

The keypad can, for example control the door opener contact of the control device or can trigger switching actuator switching actions. In addition, home stations can be called directly from the door communication system.

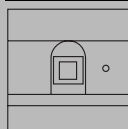
**Use in a door communication system**



- 1 Surface-mounted home station
- 2 Flush-mounted door station with transponder reader
- 3 Switching actuator
- 4 Audio control device
- 5 Door opener
- 6 24 V DC power supply

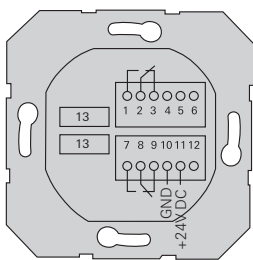
The transponder reader is connected to the door communication system with the included connection cable. The transponder reader cannot be supplied with power via the door communication bus, i.e., the transponder reader must be operated with an additional power supply.

The transponder reader can, for example, control the door opener contact of the control device or can trigger the switching actuator switching actions via previously taught-in transponder keys.



Fingerprint reader

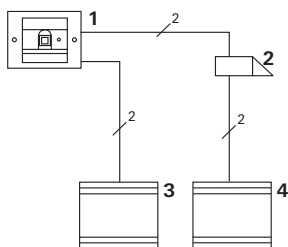
2607 ..



- 1 Relay 1 N.O. (NO contact)
- 2 Relay 1 COM
- 3 Relay 1 N.C. (NC contact)
- 4 do not use
- 5 do not use
- 6 GND
- 7 Relay 2 N.O. (NO contact)
- 8 Relay 2 COM
- 9 Relay 2 N.C. (NC contact)
- 10 GND
- 11 + 24 V DC
- 12 not used
- 13 6-pole slot of door communication system

Connection terminals of fingerprint reader

Use as individual device

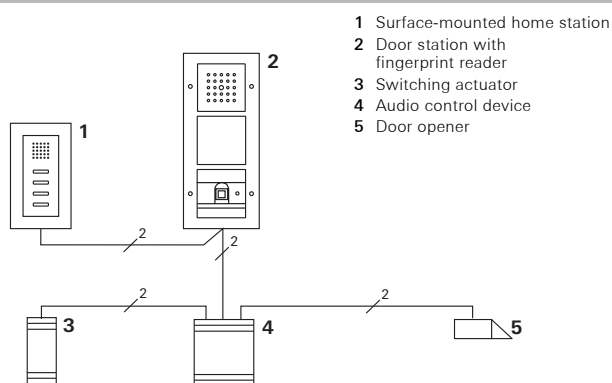


- 1 Fingerprint reader
- 2 Door opener
- 3 Power supply, 24 V DC
- 4 Power supply of door opener

When operating the fingerprint reader as a stand-alone function, zero-voltage relay contacts within the flush-mounted insert are used, e.g. to control a door opener with its own power supply.

The use of the fingerprint reader as an individual device is not recommended for opening outside doors, especially in safety-relevant areas, as the door can be opened when the fingerprint reader is removed by bridging the contacts which are then exposed.

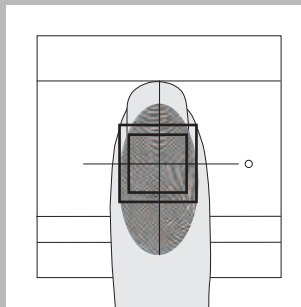
Use in a door communication system



- 1 Surface-mounted home station
- 2 Door station with fingerprint reader
- 3 Switching actuator
- 4 Audio control device
- 5 Door opener

The fingerprint reader is connected to the door communication system with the 6-pole connection cable. The fingerprint reader can be supplied with power via the door communication bus. In this case, the jumpers between ZV and BUS must be attached to the bus coupler of the door station.

The fingerprint reader can, for example, control the door opener contact of the control device or can trigger switching actuator switching actions via a previously taught-in user finger.



Optimal positioning of finger

In order to ensure proper functioning of the fingerprint reader, the finger must be correctly laid on during both teaching-in and subsequent operation. It is important that the finger area with the greatest fingerprint swirls (middle of finger pad) is registered by the fingerprint sensor.

Important:

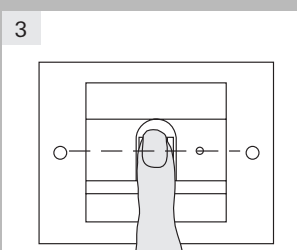
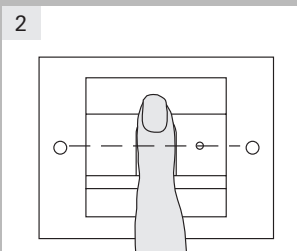
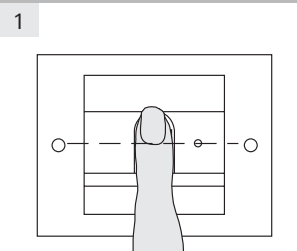
Humidity (formation of drops) on the scanner surface can negatively affect the detection of the user finger. In this case, wipe the scanner surface dry before laying on the finger.

Teaching in user finger

For the teaching-in of a user finger, the finger to be taught-in is repeatedly laid on. It is important to vary the position of the finger by a few millimetres each time when laying on repeatedly, so that the fingerprint reader can register the largest possible finger area.

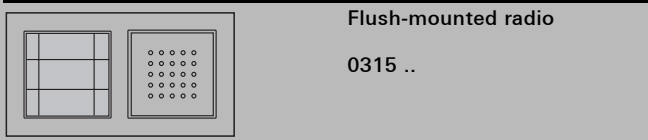
Important:

Do not turn the finger during teach-in.



- 1. Lay on the finger to be taught-in in the middle until an acknowledgement tone is heard.
- 2. Lay on the finger shifted slightly upwards.
- 3. Lay on the finger shifted slightly downwards.
- 4. Repeat steps 1 – 3 until 2 long acknowledgement tones are heard and the LED lights up green.

With "difficult" fingers (e.g. those of small children or those with very dry skin) it may be necessary to lay on the finger to be taught-in up to 7 times. If a negative acknowledgement is heard after the seventh attempt (3 short tones), the teach-in of the finger was not successful. In this case lay on the finger again (step 1) or use another finger.

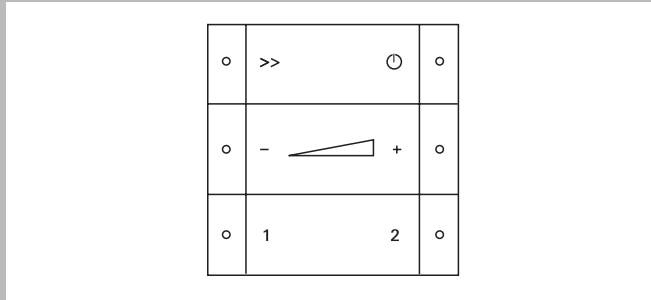


Flush-mounted radio

0315 ..

**Technical data**

Operating voltage:	230 V AC
Temperature range:	0 °C to +50 °C
Humidity:	25 to 90 %
Frequency range:	87.50 to 108.00 MHz
Protection type:	IP 20
Connection:	Screw terminals 1 x 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

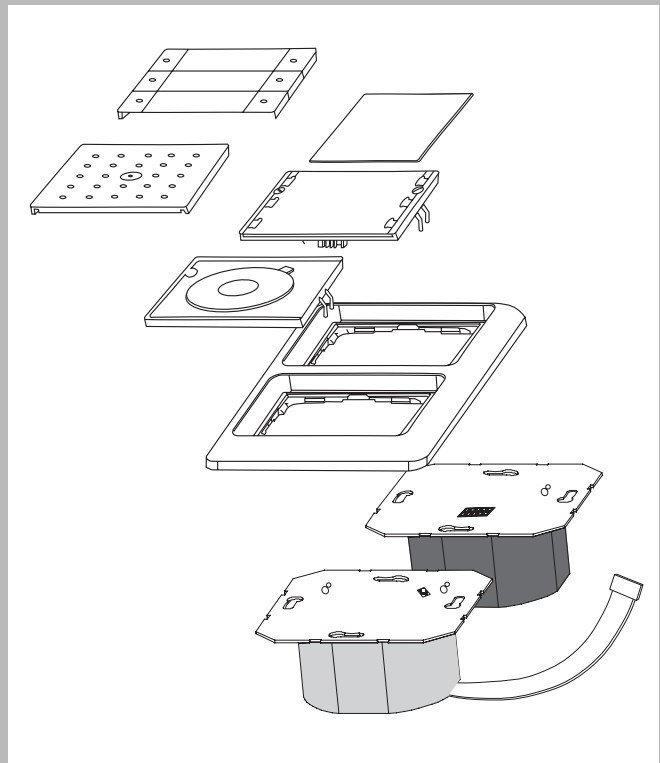


Operating elements of the radio top unit

**Functions of the flush-mounted radio**

The functions of the flush-mounted radio are controlled via the buttons of the operating element:

- ⏻ A quick press switches the radio on/off, and a long press switches the radio to sleep mode.
- >> A brief press starts the station search.
- ▽ + Pressing (-) lowers the radio volume, whereas (+) makes it louder.
- 1 2 A brief press calls up a saved station, and a long press saves stations.



Structure of the flush-mounted radio

**Structure of the flush-mounted radio**

The flush-mounted radio consists of the power section (grey), the loudspeaker top unit, the radio insert (black) and the operating element.

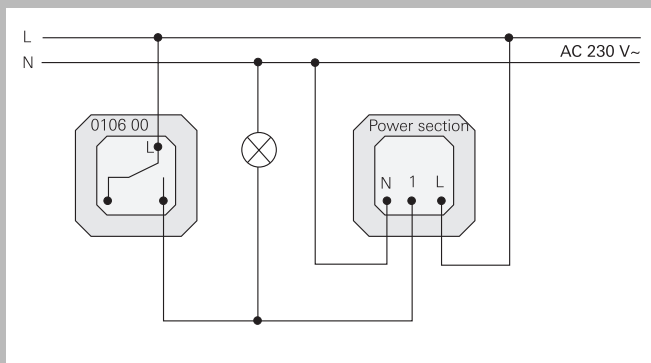
Both flush-mounted inserts are connected to one another with a cable and can be installed as desired vertically or horizontally in two flush-mounted boxes (we recommend deep boxes).

**Interference in combination with electronic devices**

All electronic devices cause interference signals, which can be picked up by radios to a degree. For this reason, reception interference could occur with a direct combination of the flush-mounted radio and electronic devices in an installation unit.

For this reason, carry out a functional check before installing such a combination. Possible interference can be minimised by increasing the distance between the flush-mounted devices.

**Functioning of auxiliary unit**

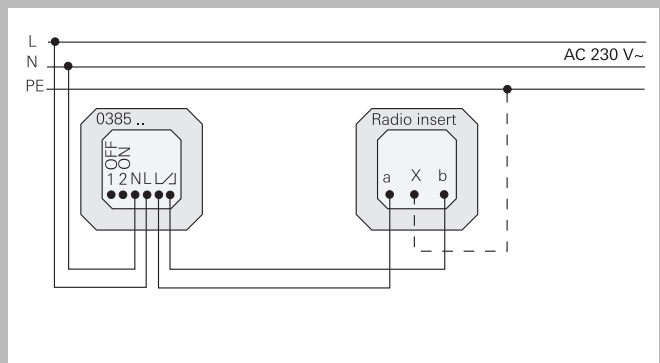


Off switch at 230 V auxiliary input of power section

**230 V auxiliary input**

The flush-mounted radio has two auxiliary inputs, one zero-voltage and one 230 V. The flush-mounted radio can be switched on and off remotely via these auxiliary inputs. The flush-mounted radio can be switched on together with the

lighting via the 230 V auxiliary input of the power section. For this purpose, the switched phase of the switch is connected to the 230 V auxiliary input of the flush-mounted radio.



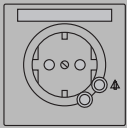
Time clock at zero-voltage auxiliary input of radio insert

**Zero-voltage auxiliary input**

A switch used to turn the flush-mounted radio on and off, for example, can be connected to the zero-voltage auxiliary input of the radio insert.

You can also connect the NO contact of a time clock to the zero-voltage auxiliary input, for example.



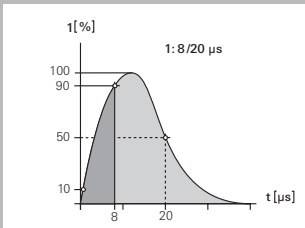


**SCHUKO socket outlets with voltage overload protection**

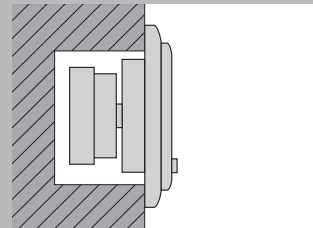
0451 ..

**Technical data**

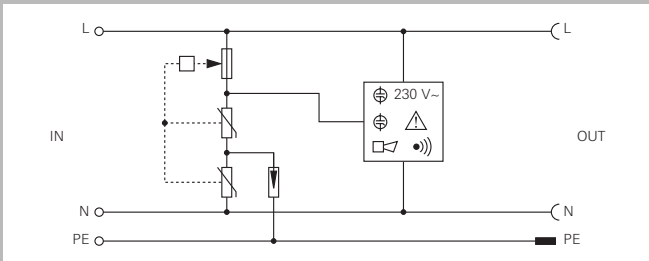
Rated voltage $U_N$ :	230 V AC
Arrester rated voltage:	250 V AC
Rated current $I_N$ :	16 A (30 °C)
Thermal release:	Disconnection of the protective component for overload due to excess voltage
Max. discharge current (8/20):	4.5 kA (1x)
Rated leakage impulse current (8/20) $\mu$ s:	1.5 kA
Protection level (L/N):	$\leq 1.2$ kV
Protection level (L/PE; N/PE):	$\leq 1$ kV (at 100 % lightning let-through impulse)
Maximum fuse protection: 16 A	16 A
Permissible temperature range:	+5 °C to +35 °C
Protection type (version dependent):	IP 20/IP 40
Green on:	Device ready for operation
Green off:	Mains voltage not connected
Red on:	Thermal release of voltage overload protection has responded (replace protective device)!



Checking of voltage overload protection using current test curve 8/20 and voltage-test curve 1.2/50.



Installation into any standard flush-mounted wall box



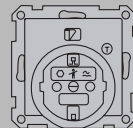
Wiring diagram

**Functional description**

Socket outlet for the protection of sensitive electrical and electronic devices from voltage spikes (transient overloads). A varistor reduces excess voltages. The socket outlet separates the protective branch from the mains network via a thermal release during thermal overload (due to overloads which occur too frequently and strong overloads). An audible signal is emitted. The socket out supplies connected devices with main voltage, but does not protect them.

**Properties**

- The socket outlet is used as device protection (fine protection).
- Disconnection of the signal tone by unplugging the power plug.
- In multiple combinations, other standard socket outlets used in the combination are also protected (when installed in the same phase) when a socket outlet with voltage overload protection is used.
- We recommend using additional average and coarse protection with high-power overload pulses.



**RCD socket outlet with connection wires**

0477 ..

**Technical data**

Rated voltage:	230 V AC, 50 Hz
Rated current:	16 A
Rated fault current:	30 mA
Connection cross sections:	1.5 to 2.5 mm <sup>2</sup>
VDE inspection pursuant to:	DIN VDE 0664
Ambient temperature:	-25 °C to +40 °C

**Testing of protective measure**

In addition to the functional check, the effectiveness of the protective measure is to be checked in accordance with the applicable regulations for

installation. The maximum permissible earthing resistances for protection from indirect contact are:

**Maximum permissible contact voltage**

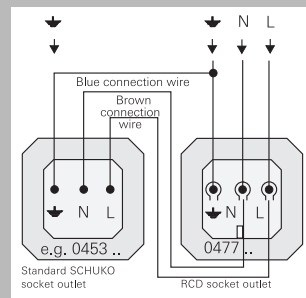
25 V

50 V

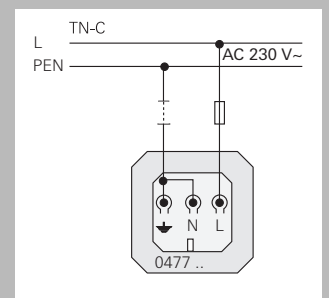
**Maximum permissible earthing resistance at rated fault current of 30 mA**

833  $\Omega$

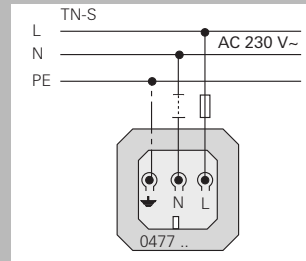
1,666  $\Omega$



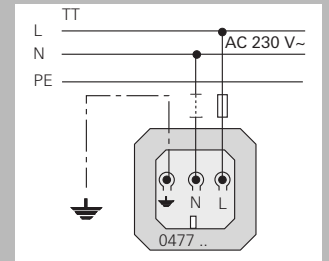
Connection of normal SCHUKO socket outlets which are then also protected.



Connection schematic TN-C to mains



Connection schematic TN-S to mains



Connection schematic TT to mains

**Functional description**

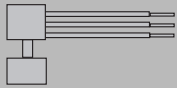
Socket outlet for use in areas in which fault-current protective devices pursuant to VDE 0664 are indicated, for example in

- rooms with a bathtub or shower (DIN VDE 0100, Part 701)
- roofed swimming pools (DIN VDE 0100, Part 702)
- farming applications (DIN VDE 0100, Part 705)
- classrooms (DIN VDE 0100, Part 723).

The RCD socket outlet detects the sum of the currents flowing to and from via a summation current transformer.

If the current flowing back from the device (e.g. due to a defect) is less than the current flowing to it (fault current), the socket outlet disconnects within a maximum of 30 ms.

The residual current protection covers all devices and cables connected to the RCD socket outlet or its connection wires. The electrical installation before the socket outlet is not included in the sphere of protection, however. The function of the socket outlet must be checked after mounting.



## Voltage overload protection module with audible signal

0339 00

### Technical data

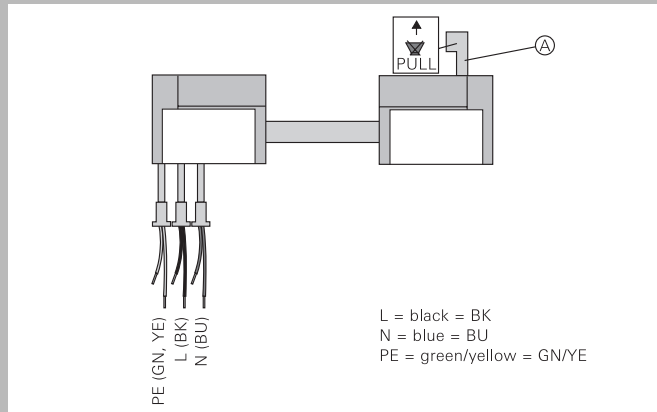
Voltage overload protection:	Pursuant to DIN VDE 0675 T6/A3, Draft 11.97, Requirement class D (III)
Rated voltage $U_N$ :	230 V AC
Arrester rated voltage:	250 V AC
Rated current $I_N$ :	16 A (30 °C)
Max. discharge current (8/20) $\mu$ s:	5 kA (1x)
Rated leakage impulse current (8/20) $\mu$ s:	1.5 kA
Combined impact (U0C):	4 kV
Protection level (L/N):	<1.3 kV
Protection level (L/PE; N/PE):	<1.5 kV
Maximum fuse protection:	16 A
Permissible temperature range:	-40 °C to +75 °C
Cables:	With 25 mm core jackets

### Functional description

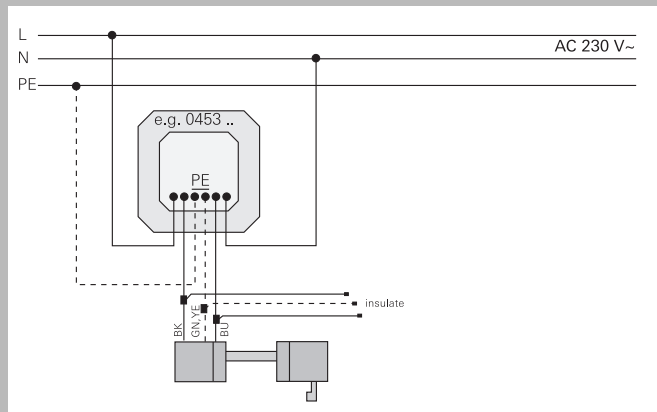
Voltage overload protection module with audible signal for upgrading contact-protected Gira SCHUKO socket outlets with screwless plug terminals (contact-protection is also guaranteed after removal of the cover). Protects sensitive electrical and electronic devices from voltage spikes (transient overloads). Isolates the protective branch from the mains network during thermal overload (due to overloads which occur too frequently and strong overloads). An audible signal is emitted. The socket out supplies connected devices with mains voltage, but does not protect them.

### Properties

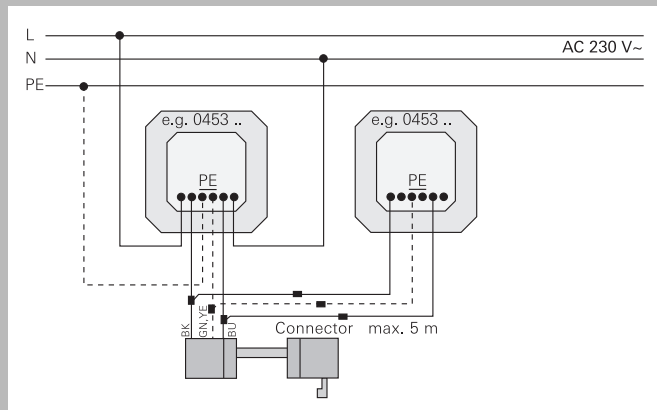
- Module used as device protection of Class D/3.
- Deactivation of the signal tone by pulling out the pin Ⓐ ("Connection assignment" figure). **Have the module replaced by a professional electrician as soon as possible.**
- When used in multiple combinations, all other socket outlets in the combination are also protected (when installed in the same phase).
- For ring-type cable placement with several socket outlets, the outlets are also protected up to a distance of approx. 5 m from the voltage overload protection module. If the distance to the module is more than 5 m, another module is to be installed in the next available socket outlet.
- For high-power overload pulses, we recommend building multi-stage, selective mains protection of Class II/C with overload diverters of Class II/C and a lightning-current diverter of Class I/B.



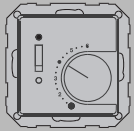
Connection assignment



Individual socket outlet (end box)



Individual socket outlets (through hole plates)

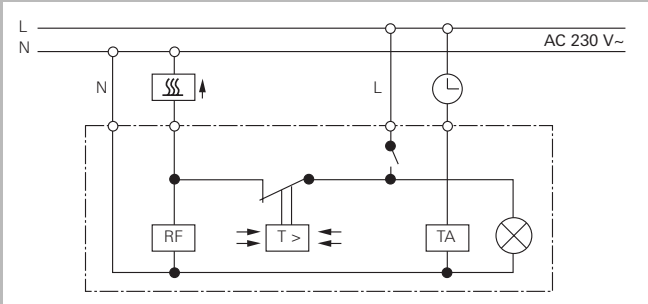


**Room temperature controller with NC contact and on/off switch**

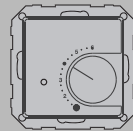
0392 ..

**Technical data**

Temperature range:	+5 °C to +30 °C
Rated voltage:	230 V AC
Rated current:	10 (4) A
Contact rating:	Approx. 2200 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



Room temperature controller 230/10 (4) A~ with NC contact and on/off switch

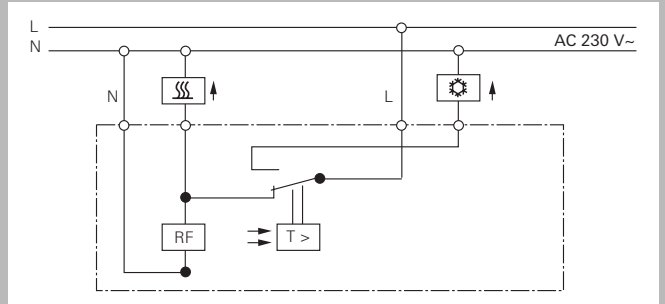


**Room temperature controller with 2-way switch**

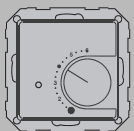
0396 ..

**Technical data**

Temperature range:	+5 °C to +30 °C
Rated voltage:	230 V AC
Rated current:	5 (2) A (NO contact) 10 (4) A (NC contact)
Contact rating:	Approx. 1100 W (NO contact) Approx. 2200 W (NC contact)
Switching temperature differential:	Approx. 0.5 K



Room temperature controller 230/5 (2) A~ with 2-way switch

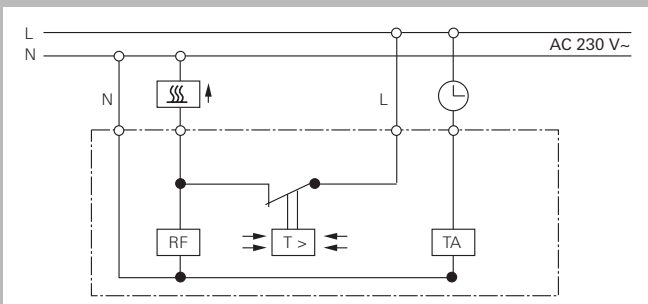


**Room temperature controller with NC contact**

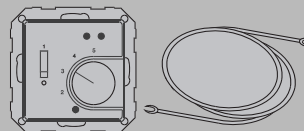
0390 ..

**Technical data**

Temperature range:	+5 °C to +30 °C
Rated voltage:	230 V AC
Rated current:	10 (4) A
Contact rating:	Approx. 2200 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



Room temperature controller 230/10 (4) A~ with NC contact

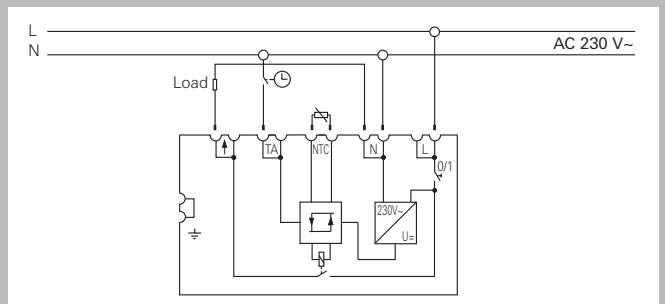


**Room temperature controller for electrical floor heating**

0394 ..

**Technical data**

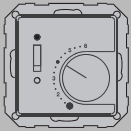
Temperature range:	+10 °C to +50 °C
Rated voltage:	230 V AC
Rated current:	10 (4) A
Contact rating:	2300 W
Night-time heating reduction:	Approx. 5 K
With remote sensor on 4 m supply line:	(2 x 0.75 mm <sup>2</sup> )



Room temperature controller for electrical floor heating 230/10 (4) A~

**Explanation of symbols**

- TA** Resistance for night time reduction of room temperature
- RF** Resistance for heat return
- L** External conductor
- N** Neutral conductor
- ⌚ Connection for clock signal for temperature lowering
- ← Load connection
- ⚙ Cooling
- 🔥 Heating

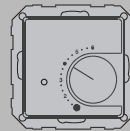


**Room temperature controller  
24 V~ with NC contact and  
On/Off switch**

0393 ..

**Technical data**

Temperature range:	+5 °C to +30 °C
Rated voltage:	AC 24 V
Rated current:	10 (4) A
Contact rating:	Approx. 240 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K

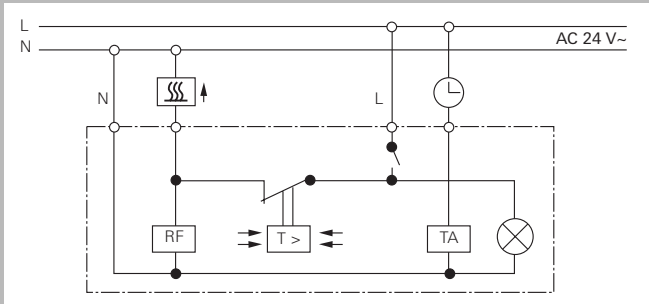


**Room temperature controller  
24 V~ with 2-way switch**

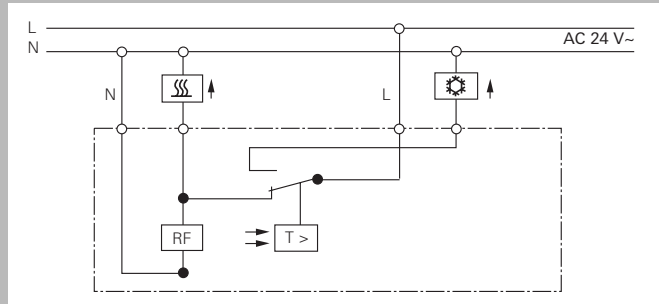
0397 ..

**Technical data**

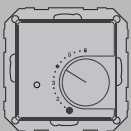
Temperature range:	+5 °C to +30 °C
Rated voltage:	AC 24 V
Rated current:	5 (2) A (NO contact) 10 (4) A (NC contact)
Contact rating:	Approx. 120 W (NO contact) Approx. 240 W (NC contact)
Switching temperature differential:	Approx. 0.5 K



Room temperature controller 24 V/1A~ with NC contact and on/off switch



Room temperature controller 24 V/1A~ with 2-way switch

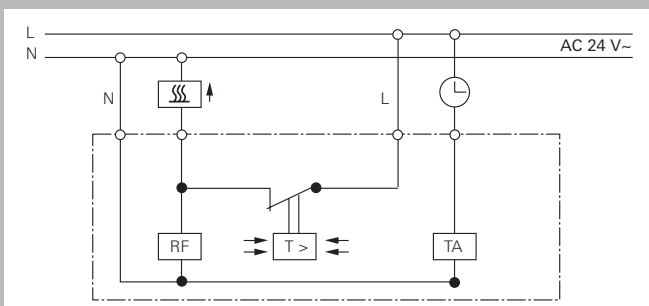


**Room temperature controller  
24 V~ with NC contact**

0391 ..

**Technical data**


Temperature range:	+5 °C to +30 °C
Rated voltage:	AC 24 V
Rated current:	10 (4) A
Contact rating:	Approx. 240 W
Switching temperature differential:	Approx. 0.5 K
Night-time heating reduction:	Approx. 4 K



Room temperature controller 24 V/1A~ with NC contact

**Explanation of symbols**

- TA** Resistance for night time reduction of room temperature
- RF** Resistance for heat return
- L** External conductor
- N** Neutral conductor
- Connection for clock signal for temperature lowering
- Load connection
- Cooling
- Heating

Room temperature controller with clock	
	
<b>0389 ..</b>	
Technical data	
Rated voltage:	230 V AC, 50 Hz
Power consumption:	Approx. 3.7 VA
Contact rating:	8 A (cos $\varphi$ = 1) 4 A (cos $\varphi$ = 0.6)
Switching contact:	1 equipotential bonding NO contact (relay contact)
Temperature ranges: (Increment 0.5 K each)	+10 °C to +40 °C (Comfort and Lowering temperature) +5 °C to +15 °C (Frost-protection temperature) +5 °C to +55 °C (Limiting temperature)
Sensors:	Semiconductor sensor (KTY) internal or external or internal and external
Program slots:	32, as desired during the week distributable 10 minute increment
Power reserve:	Min. 4 hours via Gold Cap
Minimum power-on time:	20 s to 500 s 10 second increment
Connections:	Screw terminal with flat-head screw
Ambient temperature:	0 °C to +50 °C
Protection type:	IP 30
Protection class:	II

### Function

#### Setpoint temperature

The room or floor temperature is realised via adjustable temperature levels (comfort, lowering, frost protection). The setting is made in 0.5 K increments. The following default values are set at the factory

- Comfort = +21 °C
- Lowering = +18 °C
- Frost protection = +10 °C

A separate setpoint temperature can be set which remains valid to the next programmed switching point, regardless of the temperature level.

#### Switching differential

The switching differential can be set between  $\pm 0.1$  and  $\pm 1.3$  K. The setting can be made in 0.1 K increments.

#### Clock

The clock is designed as a week time switch and has a four-hour power reserve (only when the Gold Cap is fully charged. This is generally reached after 24 hours of operation). The changeover between the summer and winter time is carried out automatically. The time can be displayed in 12-hour (AM/PM) or 24-hour format. You can choose between the summertime regulation in Central Europe and Great Britain via a parameter. The installed calendar automatically takes the leap years into consideration.

#### Time program

32 switching points per week are available for time programming, where each switching point describes exactly one point in time within the week. Programming is saved in non-volatile memory in case a failure occurs.

### Holiday program

A program for holidays is available. During this period the system regulates to a constant selectable temperature level. After the holiday period has expired the holiday program is deleted so that it is not repeated every year.

#### Party function

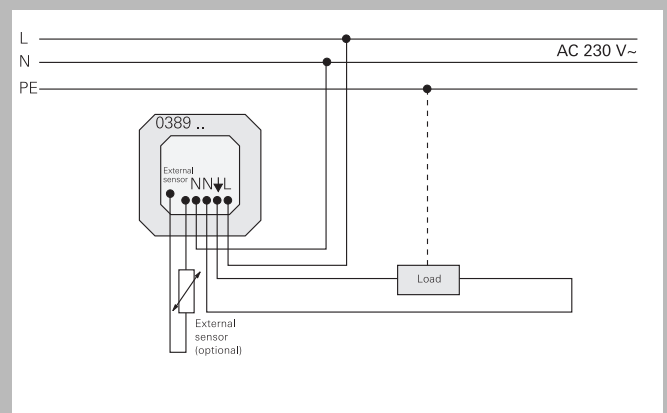
To temporarily switch to the comfort temperature level, the party function can be activated with the push of a button. In this way, the normal time program can be interrupted for up to four hours and you can switch over to the comfort temperature.

#### Switch output

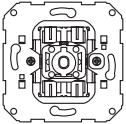
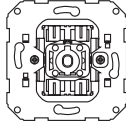
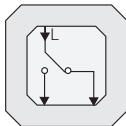
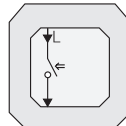
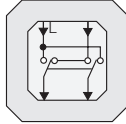
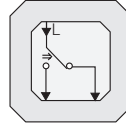
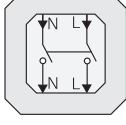
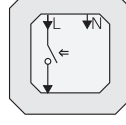
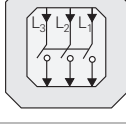
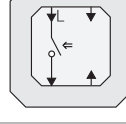
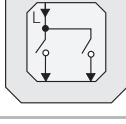
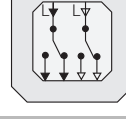
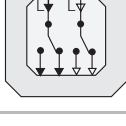
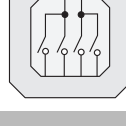
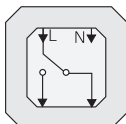
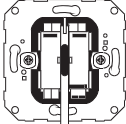
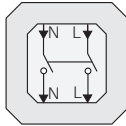
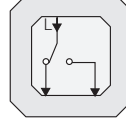
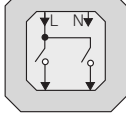
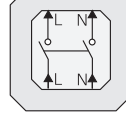
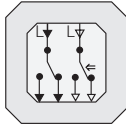
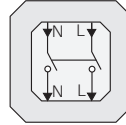
An equipotential bonding relay contact is available as a switch output. The electrical contact rating is max. 230 V / 8 (4) A.

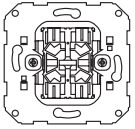
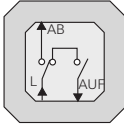
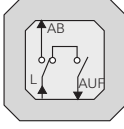
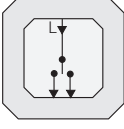
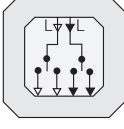
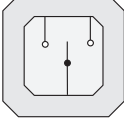
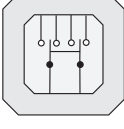
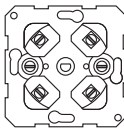
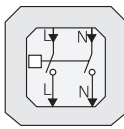
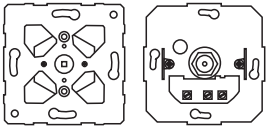
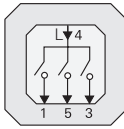
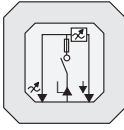
#### Deadlock protection

To prevent valves and drives becoming fixed in place, a "training period" is set at the switch output during longer periods without actuation. As soon as no switching action has been performed within seven days, the switch output is actuated for 10 minutes at 10:00 a.m. the following day. The interval and duration of the summer training are fixed. The duration is selected so that thermic valve drives move to the open and closed position in each case.

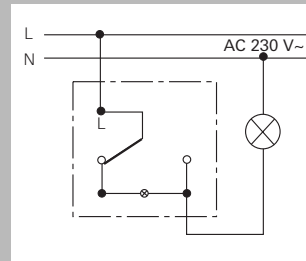


Individual socket outlet (end box)

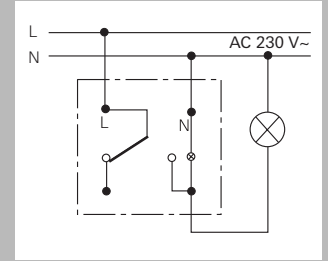
	<b>Rocker switch</b> Front view		<b>Push rocker</b> Front view
	<b>Rocker switch insert</b> Universal exchange switch 0106 00		<b>Push rocker insert</b> NO contact, 1-pole 0151 00
	Intermediate switch 0107 00		2-way switch, 1-pole 0156 00
	Circuit breaker, 2-pole 0102 00		NO contact, 1-pole with N terminal 0150 00
	Circuit breaker, 3-pole 0103 00		NO contact, 1-pole with separate signal contact 0152 00
	Series switch 0105 00		Double 2-way switch 0155 00
	Double 2-way switch 0108 00		Push rocker insert, 4-gang 0147 00
<b>Rocker control switch insert with neon lamp element</b>			
	Universal exchange switch 0116 00		<b>Pull-cord switch/Pull-cord button</b> Front view
	Circuit breaker, 2-pole 0112 00	<b>Pull-cord switch insert</b>	
<b>Rocker control switch insert with LED</b>			Universal exchange switch 0146 00
	Series switch 0145 00		Circuit breaker, 2-pole 0142 00
<b>Rocker switch/push rocker insert</b>		<b>Pull-cord button insert</b>	
	Series switch/push-button insert 0139 00		NO contact, 1-pole with separate signal contact 0165 00

	<b>Blind switch/Key switch</b> <b>Front view</b>
	<b>Blind rocker switch/Push rocker insert</b> Switch 0159 00
	Push button 0158 00
	Group button/Switch, 1-pole 0154 00
	Push button/Switch, 2-pole 0157 00
	Push button/2-way switch, 1-pole 0163 00
	Switch/2-way switch, 2-pole 0144 00
	<b>Time switch</b> <b>Front view</b>
	Time switch insert, 2-pole 0320 00 0321 00
	<b>Three-stage switch/Speed adjuster</b> <b>Front view</b>
	Three-stage switch insert 0149 00
	Speed adjuster insert with 2-way turn-off switch 0314 00

**Wiring schematics**



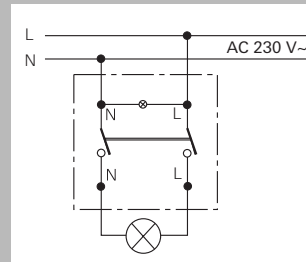
Circuit breaker, 1-pole



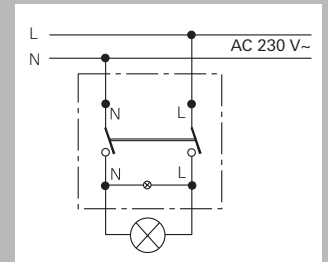
Circuit breaker, 1-pole

**Switch-off circuit**  
(illuminates in accordance with the workplace ordinance), e.g. when used by the rocker switch insert of exchange switch 0106 00.

**Switch-off with control double 2-way switch**  
Control lamp illuminates when the unit is switched on.



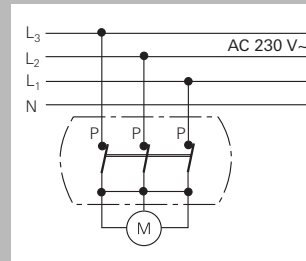
Switch-off circuit, 2-pole



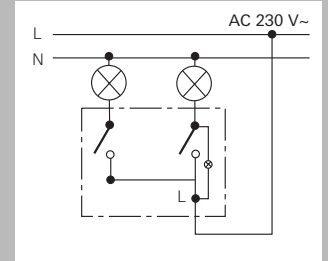
Switch-off circuit, 2-pole

**Switch-off circuit, 2-pole**  
(illuminates in accordance with the workplace ordinance), e.g. when used by the rocker switch insert of 2-pole circuit breaker 0102 00.

**2-pole switch-off circuit with control function**  
Control lamp illuminates when the unit is switched on.



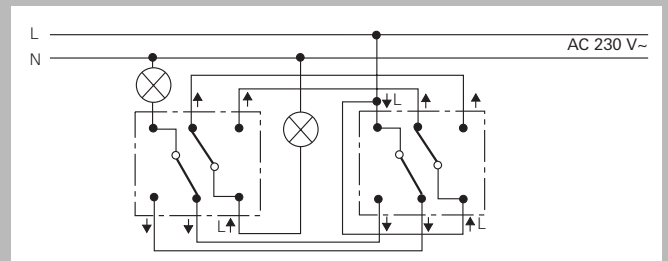
Switch-off circuit, 3-pole



Series circuit (illuminated)

**Switch-off circuit, 3-pole**  
e.g. when used by the rocker switch insert of 3-pole circuit breaker 0103 00.

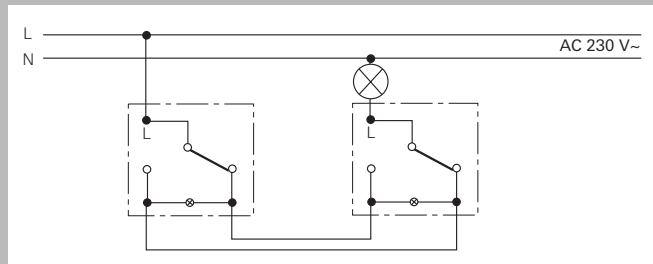
**Series circuit**  
(illuminates in accordance with the workplace ordinance), e.g. when used by the rocker switch insert series switch 0105 00.



Double 2-way wiring

**Double 2-way wiring**  
e.g. when used by two rocker switch inserts double 2-way switch 0108 00.

Wiring schematics

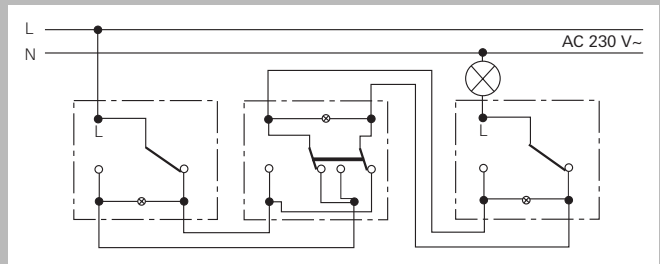


2-way wiring (illuminated)

2-way wiring

(illuminates in accordance with the workplace ordinance), e.g. when used by two rocker switch inserts exchange switch 0106 00.

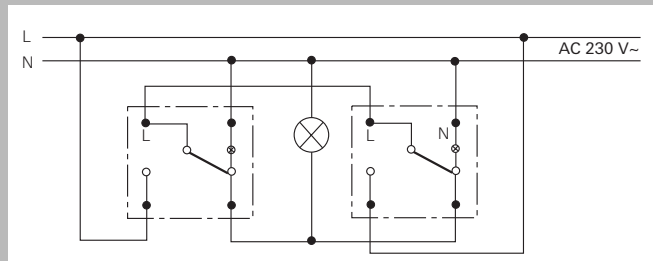
Wiring schematics



Intermediate switch circuit (illuminated)

Intermediate switch circuit

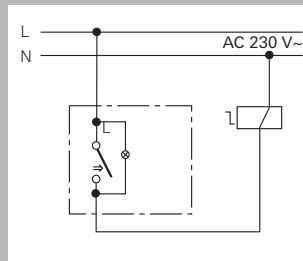
(illuminated, e.g. when used by the rocker switch inserts of intermediate switch 0107 00 and exchange switch 0106 00.



2-way wiring (control)

2-way wiring with control function

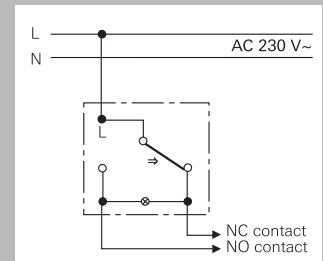
(control lamps illuminate when unit is switched on), e.g. with two control rocker switch inserts universal exchange switch 0116 00.



Push button (NO contact)

Push button/NO contact

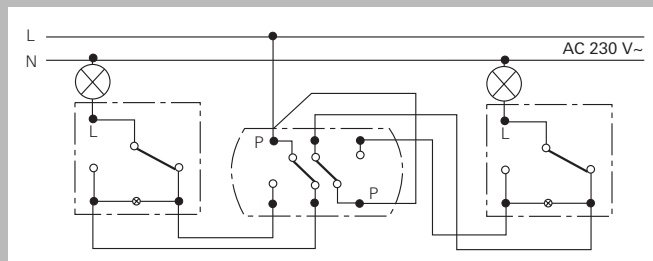
(illuminates in accordance with the workplace ordinance), e.g. when used by the push rocker insert 1-pole NO contact 0151 00.



Push button (2-way switch)

Push button/2-way switch

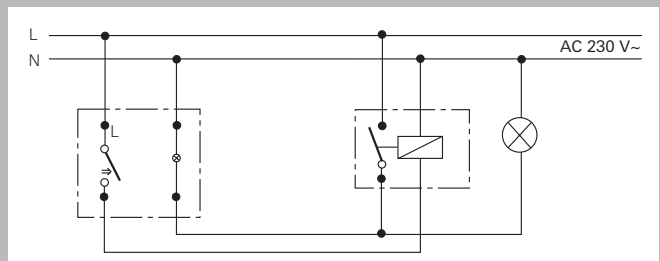
(illuminates in accordance with the workplace ordinance), e.g. when used by the push rocker insert 1-pole 2-way switch 0156 00.



Wechselschaltung (beleuchtet) mit Wechsel/Wechselschalter

2-way wiring

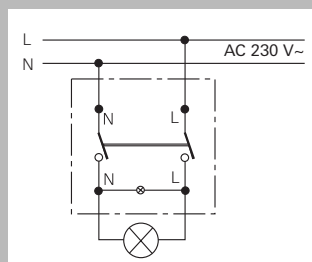
(illuminates in accordance with the workplace ordinance), e.g. with the rocker inserts double 2-way switch 0108 00 and exchange switch 0106 00.



Push button (NO contact with separate signal contact)

Push button/NO contact with separate signal contact

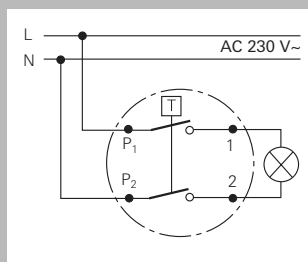
e.g. when used by the push rocker insert 1-pole NO contact with separate signal contact 0152 00.



2-pole switch-off circuit, control

Switch-off circuit 2-pole, with control function,

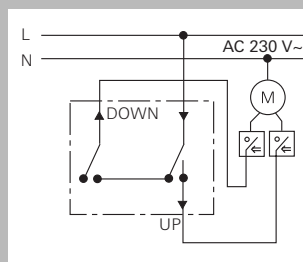
e.g. by the pull-cord switch/pull-cord button 2-pole circuit breaker 0142 00. Control lamp illuminates when unit is switched on.



Time switch

Time switching

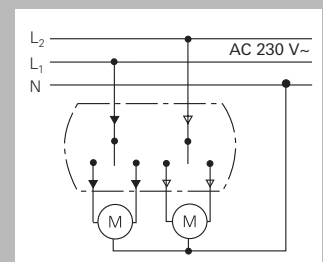
e.g. when used by time switch insert, 2-pole 0320 00, 0321 00.



Blind switching with rocker

Blind switching

e.g. by the blind rocker switch insert, 0159 00.
















Blind switching with knob

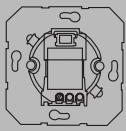
Blind switching

(turnable knob or key) e.g. by 2-pole blind button/switch insert with turnable knob 0157 00.



Dimmer and load types

							
	Power	Order No.	Light bulbs	Halogen lamps 230 V	Wound transformers	Electronic transformers	Fluorescent lamps
							
<b>Universal dimmer</b>  Universal dimming insert 2 (rotary) Universal dimming insert (push) Universal series dimming insert (push) Radio socket-outlet adapter for dimming Radio universal dimmer Universal dimmer DRA Radio universal dimming actuator DRA Radio universal cord dimmer	50 to 420 W/VA 50 to 420 W/VA 50 to 210 W/VA 50 to 420 W/VA 50 to 315 W/VA 50 to 500 W/VA 50 to 400 W/VA 50 to 315 W/VA	1176 00 0305 00 2263 00 1185 02/10 0809 00 1034 00 1135 00 033501	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	
<b>Light-bulb dimmer</b>  Light-bulb dimming insert (rotary) Water-protected, surface-mounted light-bulb dimmer (rotary) Light-bulb dimming insert (rotary)	60 to 400 W 60 to 450 W 60 to 600 W 100 to 1000 W	0300 00 0301 00 0302 00 1181 00	• • • •	• • • •			
<b>Tronic dimmer</b>  Tronic dimming insert (rotary) Tronic flush dimmer (push)	20 to 525 W 50 to 700 W	0307 00 0381 00	• •	• •		• •	
<b>LV dimmer</b>  LV dimming insert (rotary) LV dimming insert (push) LV cord dimmer	40 to 500 VA 20 to 500 VA 20 to 500 VA	0306 00 0331 00 033546	• • •	• • •	• • •		
<b>Fluorescent lamp dimmer</b> Potentiometer insert with switching function Potentiometer insert with touch function 1 - 10 V control unit insert Control unit 1-10 V, built-in Radio control unit 1-10 V, built-in Radio control unit 1 -10 V, DRA	1-10 V 1-10 V 1-10 V 1-10 V 1-10 V 1-10 V	0309 00 0308 00 0860 00 0360 00 0865 00 1137 00					• • • • • •
<b>DALI</b> DALI electronic potentiometer	Up to 64 devices	1189 00	DALI	DALI	DALI	DALI	DALI



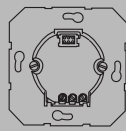
**System 2000  
Universal dimming insert**

**0305 00**



**Technical data**

Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C (315 W)
Connected load:	50 to 420 W/VA
	<ul style="list-style-type: none"> <li>- 230 V light bulbs, ohmic load, <b>trailing</b> edge</li> <li>- HV halogen, ohmic load, <b>trailing</b> edge</li> <li>- Gira Tronic transformers, capacitive load, <b>trailing</b> edge or</li> <li>- Conventional transformers, inductive load, leading edge mixed loads of specified load types (not capacitive with inductive loads).</li> </ul> <p>For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen lamps).</p>
Number of auxiliary units:	<ul style="list-style-type: none"> <li>- unlimited (System 2000 auxiliary unit <b>0333 00</b>, mech. push button)</li> <li>- 5 (System 2000 auxiliary insert for presence detector and automatic control switch <b>0335 00</b>)</li> </ul>
Entire length of auxiliary units:	Max. 100 m
Number of power boosts:	Max. 10 Tronic power boosts Max. 10 LV power boosts Universal power boost, see table, page 464



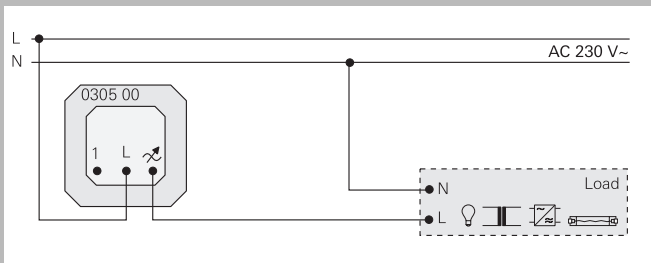
**System 2000  
LV dimming insert**

**0331 00**

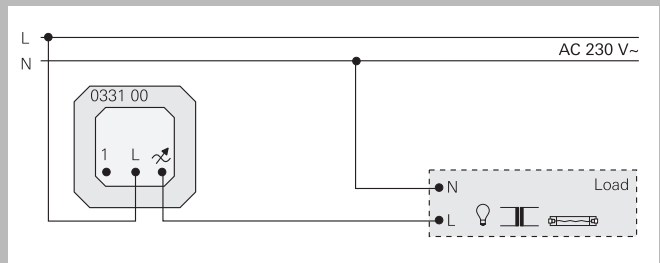


**Technical data**

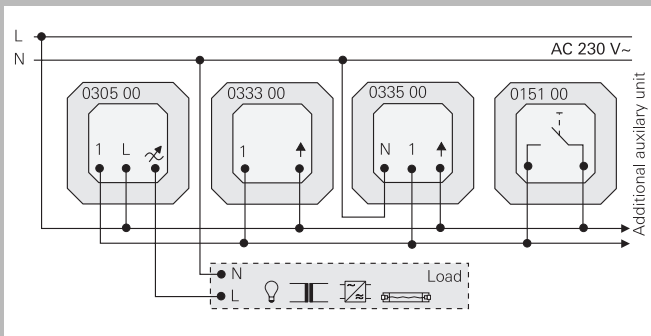
Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C (300 W)
Connected load:	20 to 500 VA
	<ul style="list-style-type: none"> <li>- 230 V light bulbs</li> <li>- HV halogen</li> <li>- conventional transformers</li> <li>- mixed loads of specified load types.</li> </ul>
Number of auxiliary units:	<ul style="list-style-type: none"> <li>- unlimited (System 2000 auxiliary unit <b>0333 00</b>, mech. push button)</li> <li>- 10 (System 2000 auxiliary insert for presence detector and automatic control switch <b>0335 00</b>)</li> </ul>
Entire length of auxiliary units:	Max. 100 m
Number of power boosts:	Max. 10 LV power boosts



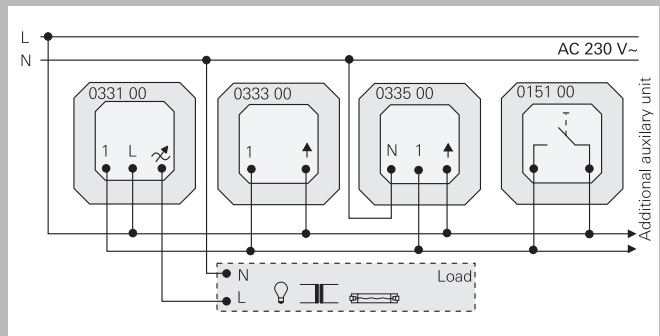
Connection of System 2000 universal dimming insert



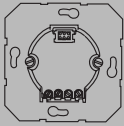
Connection of System 2000 LV dimming insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 universal dimming insert.



Connection schematic. Connection of different auxiliary inserts to a System 2000 LV dimming insert.

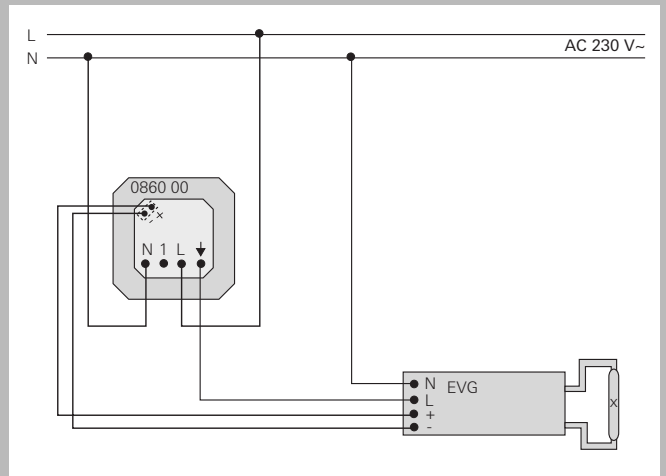


**System 2000**  
**1-10 V control unit insert**

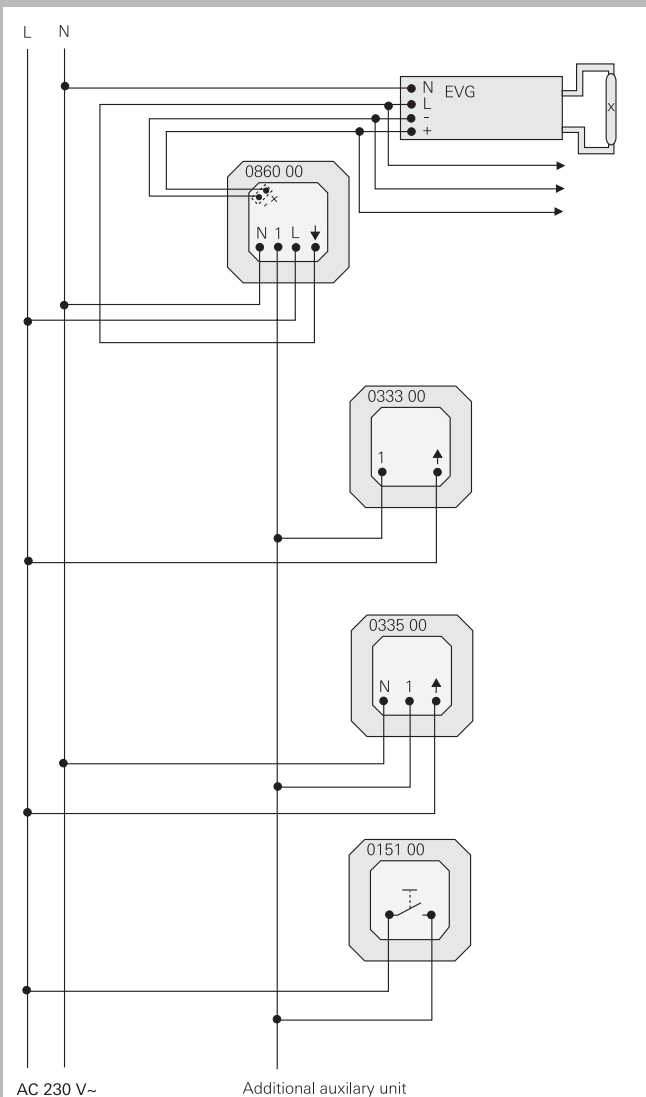
**0860 00**

**Technical data**

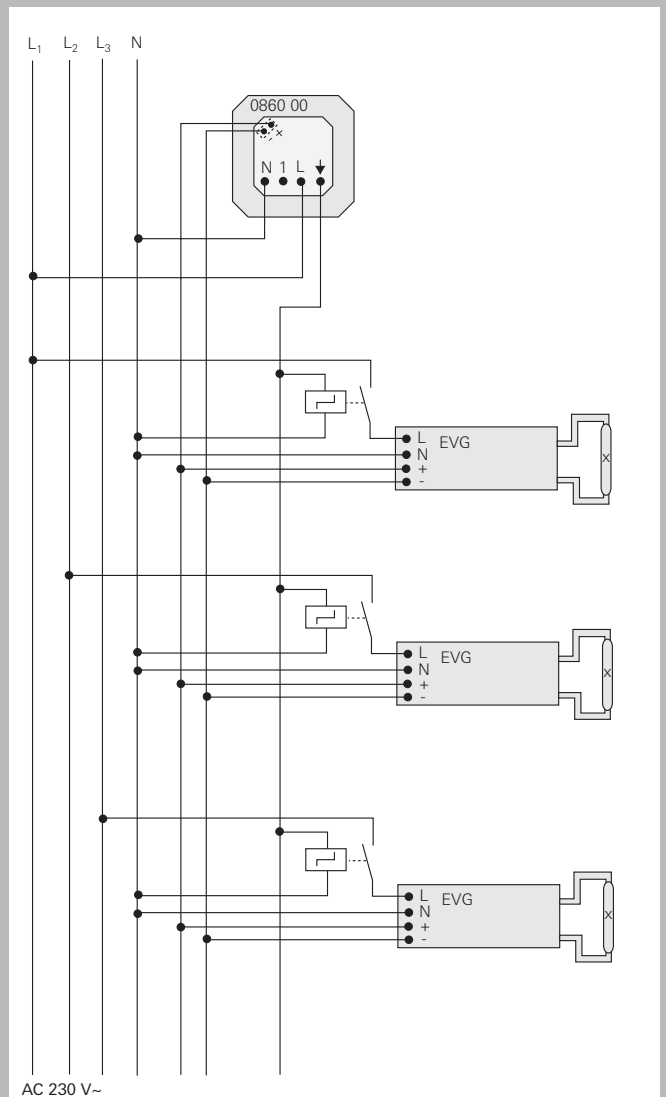
Rated voltage:	230 V AC, 50 Hz
Temperature range:	- 20 °C to +45 °C
Connected load:	- 700 W light bulbs - type-dependent electronic ballast
Number of auxiliary units:	- unlimited (System 2000 auxiliary unit <b>0333 00</b> , mech. push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch <b>0335 00</b> )
Entire length auxiliary units:	Max. 100 m
Control voltage:	0.5 - 10 V
Control current:	Max. 50 mA
Note:	The number of electronic ballasts (EVG) or Tronic transformers which can be dimmed with a 1-10 V control unit insert depends on the control current of the individual electronic ballasts or Tronic transformers and is type dependent.



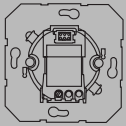
1-10 V control unit insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 1-10 V control unit insert.



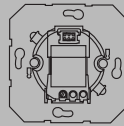
Division of the load into several phases. Ensure correct polarity with a multi-phase connection.



**System 2000**  
**Tronic switch insert**  
**0866 00**

**Technical data**

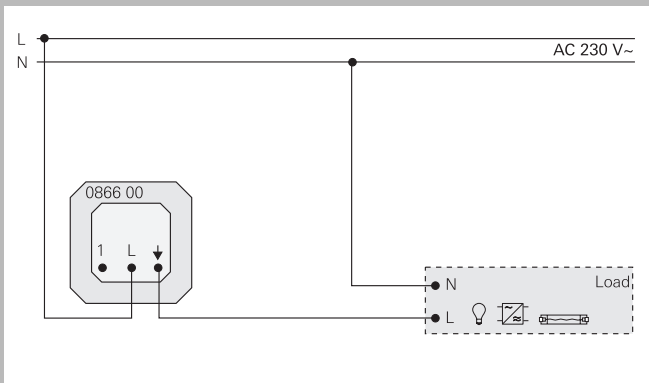
Rated voltage: 230 V AC, 50/60 Hz  
 Temperature range: -20 °C to +45 °C (315 W)  
 Connected load: 50 to 420 W  
 - light bulbs,  
 - HV halogen,  
 - Gira Tronic transformers  
 Number of auxiliary units:  
 - unlimited (System 2000 auxiliary unit **0333 00**, mech. push button)  
 - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)  
 Entire cable length of auxiliary units: Max. 100 m



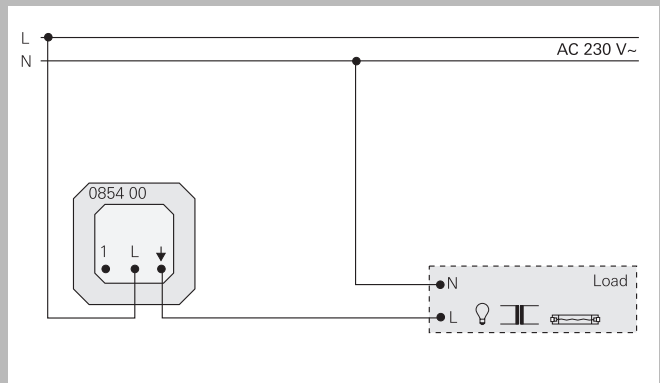
**System 2000**  
**Triac switch insert**  
**0854 00**

**Technical data**

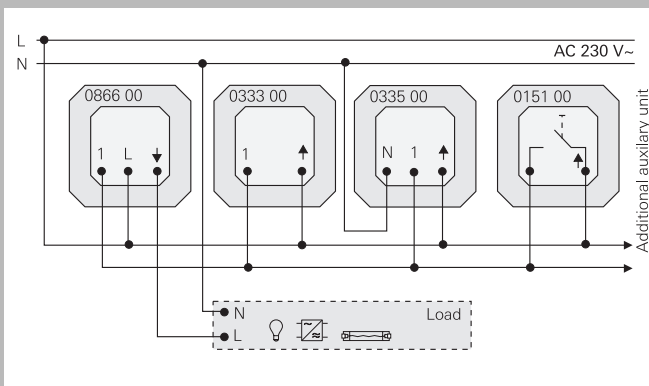
Rated voltage: 230 V AC, 50/60 Hz  
 Temperature range: -20 °C to +45 °C  
 Connected load: 40 to 400 W  
 - light bulbs,  
 - HV halogen,  
 - LV halogen with conventional transformers with at least 85 % rated load  
 Number of auxiliary units:  
 - unlimited (System 2000 auxiliary unit **0333 00**, mech. push button)  
 - 10 (System 2000 auxiliary insert for presence detector and automatic control switch **0335 00**)  
 Entire cable length of auxiliary units: Max. 100 m



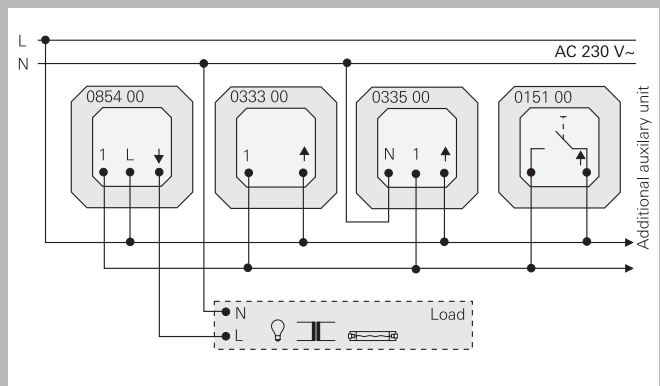
Connection of System 2000 Tronic switch insert



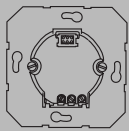
Connection of System 2000 Triac switch insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 Tronic switch insert.



Connection schematic. Connection of different auxiliary inserts to a System 2000 Triac switch insert.



**System 2000  
relay insert**

**0853 00**

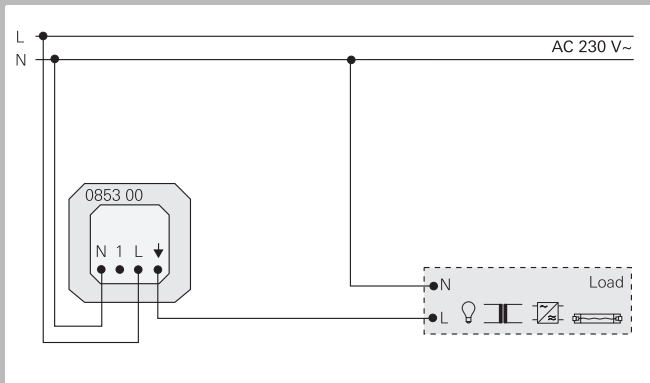
**Technical data**

Rated voltage:	230 V AC, 50/60 Hz
Temperature range:	-20 °C to +45 °C
Connected load:	<ul style="list-style-type: none"> <li>- 2300 W light bulbs</li> <li>- 2300 W HV halogen</li> <li>- 1500 W Gira Tronic transformers</li> <li>- Load 1000 VA conventional transformers with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed 1000 VA.</li> <li>- 1200 VA fluorescent lamps, not compensated</li> <li>- 920 VA fluorescent lamps, with parallel compensation</li> <li>- 2300 VA fluorescent lamps, duo-circuit</li> </ul>

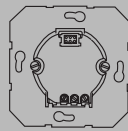
Note the high switch-on current spikes with energy saving lamps. Check suitability of the lamps before use.

Number of auxiliary units:	<ul style="list-style-type: none"> <li>- unlimited (System 2000 auxiliary unit <b>0333 00</b>, mech. push button)</li> <li>- 10 (System 2000 auxiliary insert for presence detector and automatic control switch <b>0335 00</b>)</li> </ul>
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Entire length of auxiliary units:	Max. 100 m
-----------------------------------	------------



Connection of System 2000 relay insert



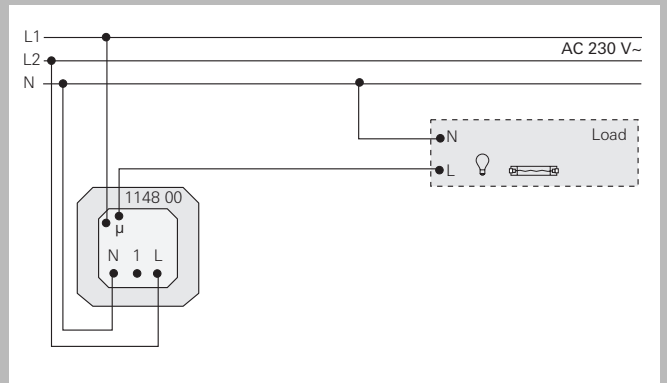
**System 2000  
zero-voltage relay insert**

**1148 00**

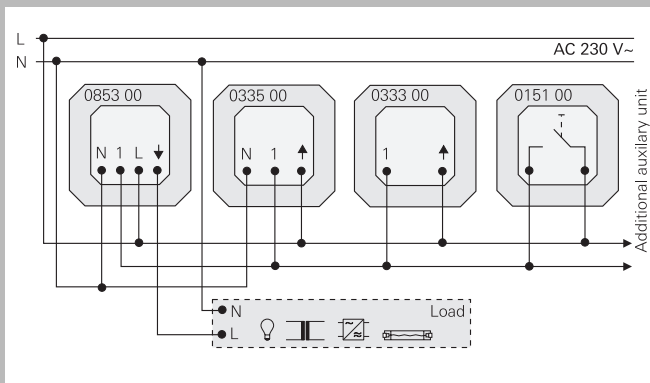
**Technical data**

Rated voltage:	AC 230 V~, 50/60 Hz
Temperature range:	+ 5 °C bis + 35 °C
Connected load:	<ul style="list-style-type: none"> <li>- 800 W light bulbs</li> <li>- 750 W HV halogen</li> <li>- mixed loads of specified load types.</li> </ul>
Minimum load:	12 V, 100 mA
Number of auxiliary units:	<ul style="list-style-type: none"> <li>- unlimited (System 2000 auxiliary unit <b>0333 00</b>, mech. push button)</li> <li>- 10 (System 2000 auxiliary insert for presence detector and automatic control switch <b>0335 00</b>)</li> </ul>
Entire length of auxiliary input:	Max. 100 m
Circuit breaker:	Carry out pursuant to local directives, but no more than 10 A

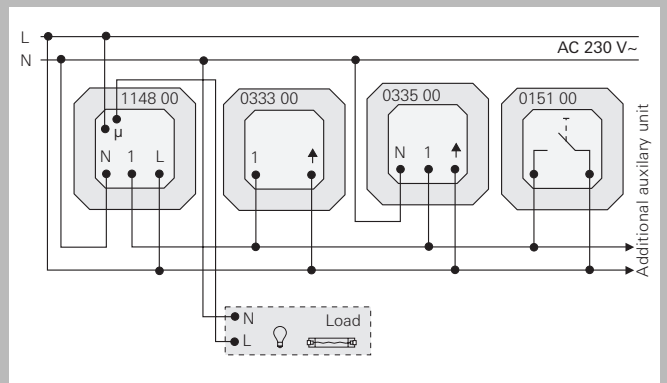
Switching contact:	Zero-voltage relay contact, suitable for switching a second external conductor, no SELV
--------------------	---



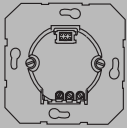
Connection of System 2000 zero-voltage relay insert



Connection schematic. Connection of different auxiliary inserts to a System 2000 relay insert.



Connection schematic. Connection of different auxiliary inserts to a System 2000 zero-voltage relay insert.

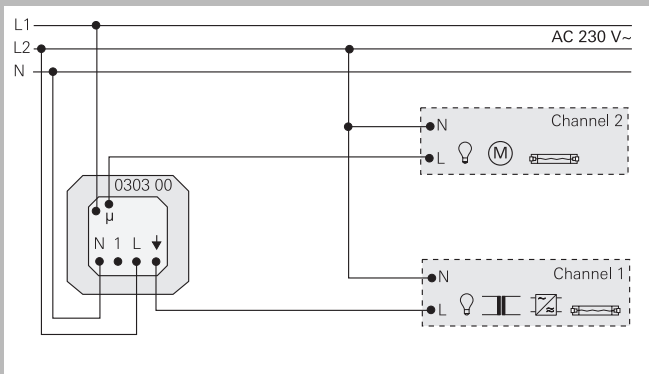


**System 2000  
heating/cooling relay insert**

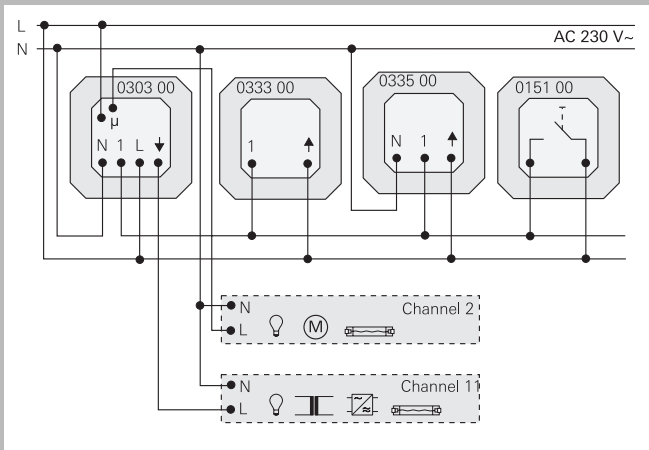
**0303 00**

**Technical data**

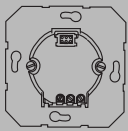
Rated voltage:	230 V AC, 50/60 Hz	-
Temperature range:	+5 °C to +35 °C	-
Number of auxiliary units:	- Unlimited (System 2000 auxiliary unit <b>0333 00</b> , mechanical push button) - 10 (System 2000 auxiliary insert for presence detector and automatic control switch <b>0335 00</b> )	-
Entire length Auxiliary input:	Max. 100 m	-
Circuit breaker:	Carry out pursuant to local directives, but no more than 10 A	-
Channel 1 connecting cable:	- 1000 W light bulbs - 1000 W HV halogen - 750 W Gira Tronic transformers - 750 VA conventional transformers - 500 VA fluorescent lamps, not compensated	-
Switching contact:	Relay contact with mains potential (same external conductor as supply voltage from insert)	-
Time duration:	Determined by top unit	-
Channel 2 connecting cable:	- 800 W light bulbs - 750 W HV halogen - 450 VA motor load with a max. switch-on current of 2.1 A	-
Switching contact:	Zero-voltage relay contact, suitable for switching a second external conductor, no SELV	-



Connection of System 2000 heating/cooling relay insert (2 phases)

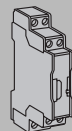


Connection schematic. Connection of different auxiliary inserts to a System 2000 heating/cooling relay insert.



System 2000  
Impulse insert  
0336 00

Pulse-Inserts	Non-illuminated push buttons	Illuminated push buttons			
		0,35 mA	0,8 mA	1,5 mA	2,8 mA
2	any	100	43	23	12
3	any	92	40	21	11
4	any	85	37	20	10
5	any	78	34	18	9
6	any	71	31	16	8
7	any	64	28	15	8
8	any	57	25	13	7
9	any	50	21	11	6
10	any	42	18	10	5
11	any	35	15	8	4
12	any	28	12	6	3
13	any	21	9	5	2
14	any	14	6	3	1
15	any	7	3	1	-
16	any	-	-	-	-



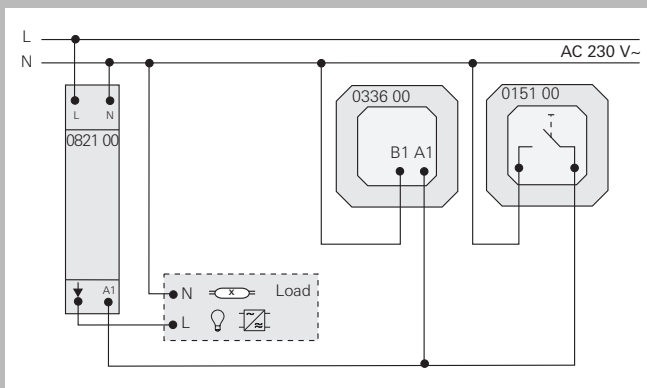
System 2000  
DRA automatic stairway  
lighting mechanism  
0821 00

Technical data

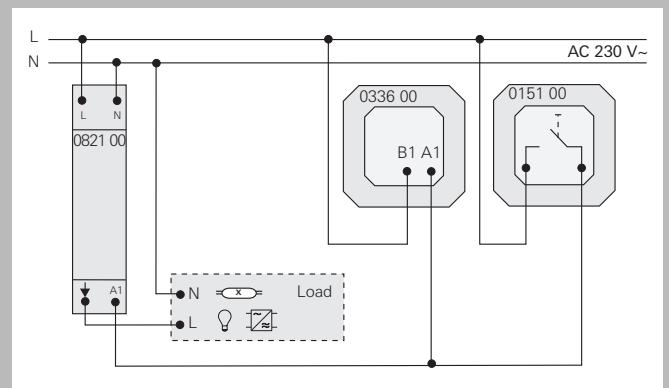
Rated voltage:	230 V AC, 50 Hz
Current load of the control input:	Max. 40 mA
Contact rating <sup>1)</sup> :	<ul style="list-style-type: none"> <li>- 2300 W light bulbs</li> <li>- 2300 W HV halogen</li> <li>- 1500 W Gira Tronic transformers</li> <li>- 1000 VA conventional transformers</li> <li>- 1200 VA fluorescent lamps, not compensated</li> <li>- 920 VA fluorescent lamps, with parallel compensation</li> <li>- 2300 VA fluorescent lamps, duo-circuit</li> </ul>
Temperature range:	+ 5 °C to + 45 °C
Protection type:	IP 20

<sup>1)Note</sup>

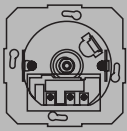
Note the high switch-on current spikes with "energy saving lamps". Check suitability of lamp before using it (see also page 491 / **i** 79).



Connection of 3-conductor circuit (sampled zero conductor)



Connection of 4-conductor circuit (sampled phase)



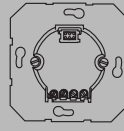
**Universal dimming insert with pressure/rotary switch**

1176 00

**Technical data**

Rated voltage:	AC 230 V~, 50/60 Hz
Connected load:	50 to 420 W/VA
Load types:	<ul style="list-style-type: none"> <li>- 230 V light bulbs (ohmic load, <b>trailing</b> edge)</li> <li>- 230 V halogen lamps (ohmic load, <b>trailing</b> edge)</li> <li>- Tronic transformers (capacitive load, <b>trailing</b> edge)</li> <li>- Conventional transformers (inductive load, <b>leading</b> edge)</li> </ul>

Minimum load:	50 W/VA
Number of power boosts:	Max. 10 Tronic power boosts Max. 10 LV power boosts Universal power boost, see table, page 464
Auxiliary units:	Use only auxiliary unit for rotary dimmer
Number of auxiliary units:	5
Entire length of auxiliary input:	Max. 100 m



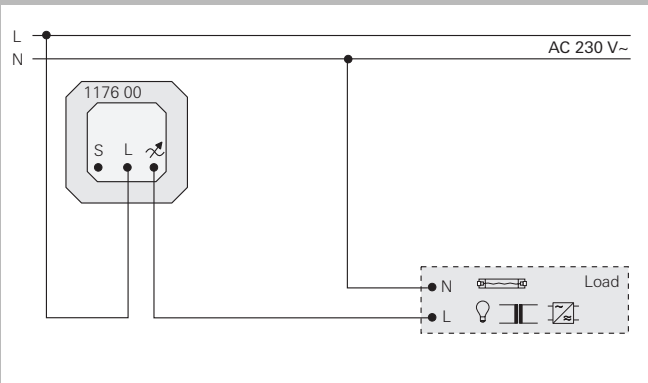
**Universal series dimming insert**

2263 00

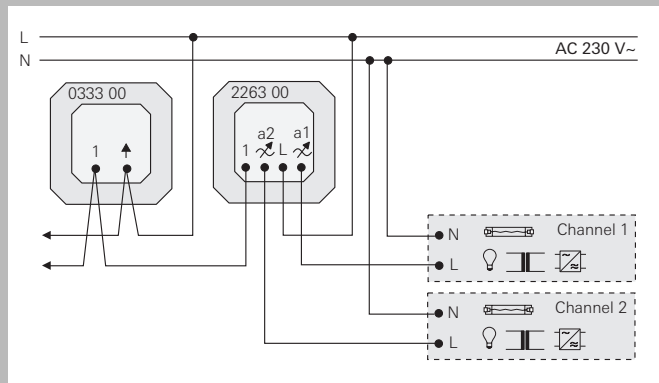
**Technical data**

Rated voltage:	AC 230 V~, 50/60 Hz
Connected load per channel:	50 to 220 W/VA (at 45 °C)
Load types:	<ul style="list-style-type: none"> <li>- 230 V light bulbs (ohmic load, <b>trailing</b> edge)</li> <li>- 230 V halogen lamps (ohmic load, <b>trailing</b> edge)</li> <li>- Tronic transformers (capacitive load, <b>trailing</b> edge)</li> <li>- Conventional transformers (inductive load, <b>leading</b> edge)</li> </ul>

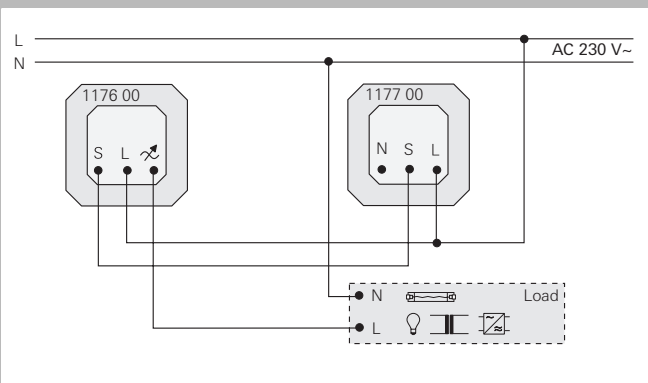
Minimum load:	50 W/VA per output
Number of power boosts:	Universal power boost
Auxiliary units:	System 2000 auxiliary unit <b>0333 00</b>
Number of auxiliary units:	Unlimited
Entire length of auxiliary input:	Max. 100 m



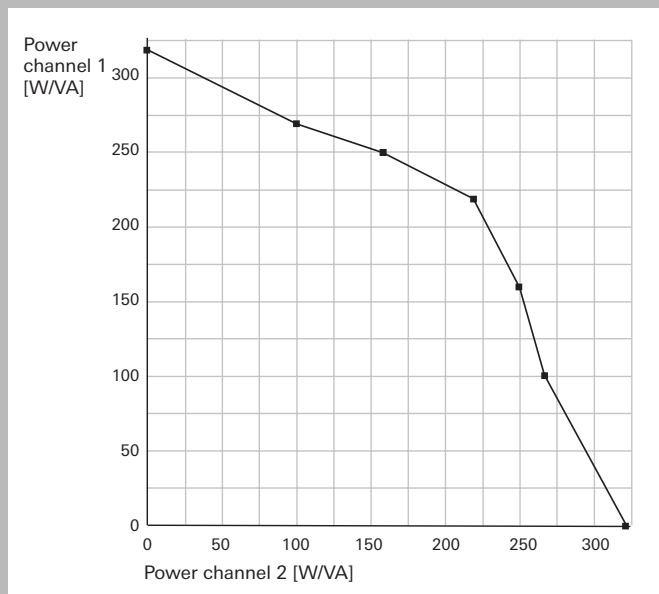
Connection of universal rotary dimmer



Connection of universal series dimmer

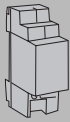


Connection of universal rotary dimmer with auxiliary insert for universal rotary dimming insert



Load distribution at 45 °C





**Universal dimmer  
DRA**

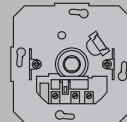
1034 00



**Technical data**

Rated voltage:	AC 230 V~, 50/60 Hz
Connected load	50 to 500 W/VA
Load types:	<ul style="list-style-type: none"> <li>- 230 V light bulbs (ohmic load, <b>trailing</b> edge)</li> <li>- 230 V halogen lamps (ohmic load, <b>trailing</b> edge)</li> <li>- Tronic transformers (capacitive load, <b>trailing</b> edge)</li> <li>- Conventional transformers (inductive load, <b>leading</b> edge)</li> </ul>
Number of power boosts:	Universal power boost, See table, page 464
Protection type:	IP 20
Dimensions	2 HP
Auxiliary units:	Mech. push button, System 2000 auxiliary unit <b>0333 00</b>
Entire length of auxiliary input:	Max. 100 m

For mixed loads of the specified conventional transformers, do not exceed a 50 % ohmic load.



**Light bulb dimmer with 2-way  
turn-off switch**

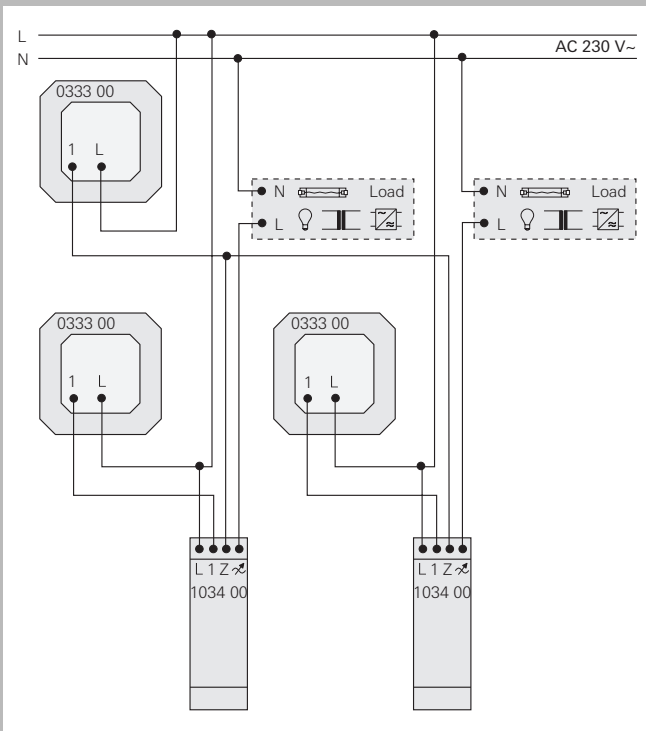
0300 00



**Technical data**

Rated voltage:	230 V AC, 50 Hz
Connected load:	60 to 400 W
Number of power boosts:	Max. 10 LV power boosts
Fuse protection:	T 1.6 H 250 V

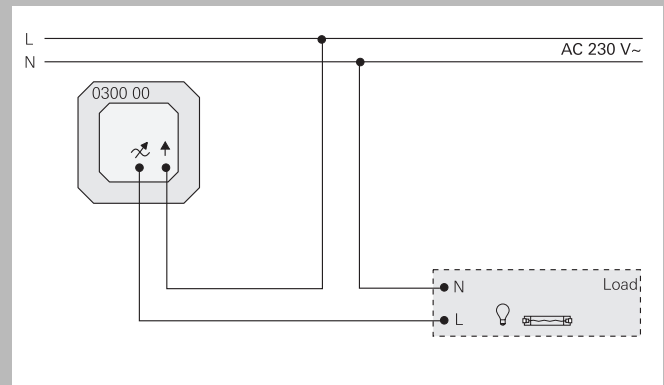
- 230 V light bulbs
- HV halogen
- mixed loads of specified load types



Connection of two universal dimmers with a central auxiliary unit

**Central auxiliary unit**  
Several dimmers can be operated at the same time with a central auxiliary unit. Only a System 2000 auxiliary insert 0333 00 can be used as a central auxiliary unit.

**Synchronous operation**  
The synchronous switching or dimming of all connected devices is only possible when they have the same status.



Connection of light bulb dimmer



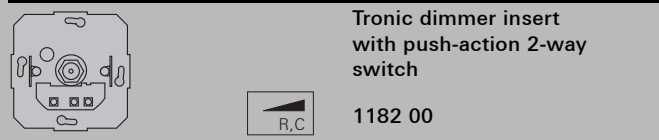
**Light bulb dimmer with pressure/double 2-way switch**

0301 30 0302 00  
1181 00 1184 00



**Technical data**

Rated voltage: 230 V AC, 50 Hz  
 Connected load: 60 to 450 W (0301 30)  
 60 to 600 W (0302 00)  
 100 to 1000 W (1181 00)  
 60 to 400 W (1184 00)  
 - 230 V light bulbs  
 - HV halogen  
 - mixed loads of specified load types  
 Fuse protection: T 2.5 H 250 V (0301 30, 0302 00, 1184 00)  
 T 1.6 H 250 V (1181 00)  
 2-way wiring: Via mechanical 2-way switches; 2-way wiring with two dimmers is **not** possible



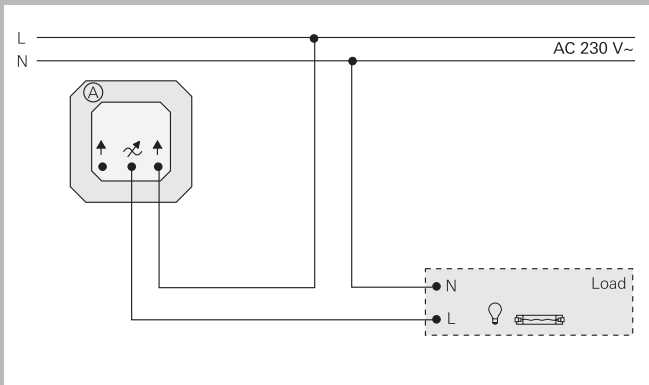
**Tronic dimmer insert with push-action 2-way switch**

1182 00

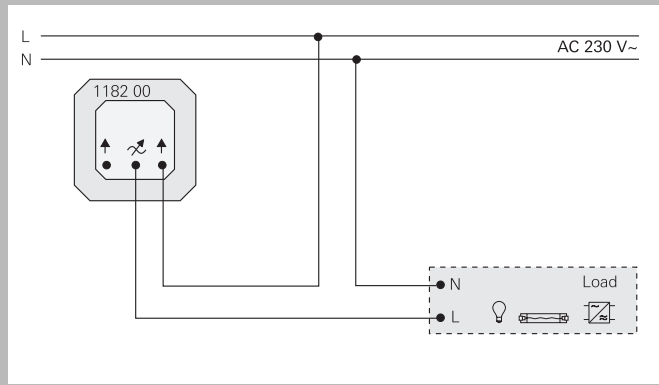


**Technical data**

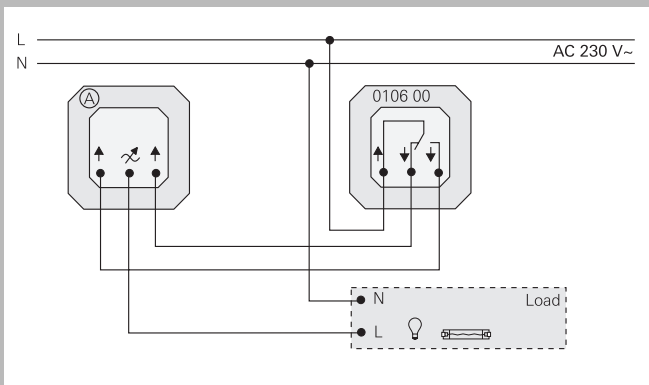
Rated voltage: 230 V AC, 50 Hz  
 Connected load: 20 to 360 W  
 - 230 V light bulbs  
 - HV halogen  
 - Gira Tronic transformers  
 - mixed loads of specified load types  
 Number of power boosts: Max. 10 Gira Tronic power boosts  
 2-way wiring: Via mechanical 2-way switches; 2-way wiring with two dimmers is **not** possible



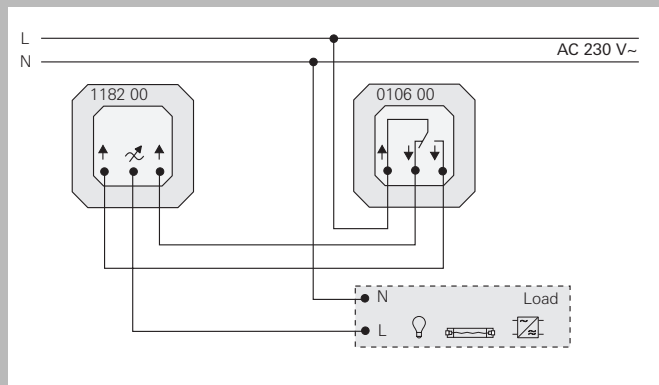
Connection of light bulb dimmer



Tronic dimmer connection



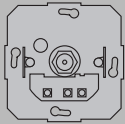
2-way wiring



2-way wiring

**Explanation of (A)**

0301 30 Light bulb dimmer with push-action switch with water-protected surface-mounted inscription label  
 0302 00, 1181 00, 1184 00 Light bulb dimmer with push-action 2-way switch

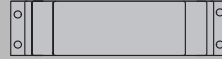


**Tronic dimmer insert  
with push-action 2-way  
switch**

**0307 00**

**Technical data**

Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 525 W - 230 V light bulbs - HV halogen - Gira Tronic transformers - mixed loads of specified load types
Number of power boosts:	Max. 10 Gira Tronic power boosts Universal power boost, See table, page 464
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with two dimmers is <b>not</b> possible
Control output A:	Mechanical contact max. 100 mA (no load output)

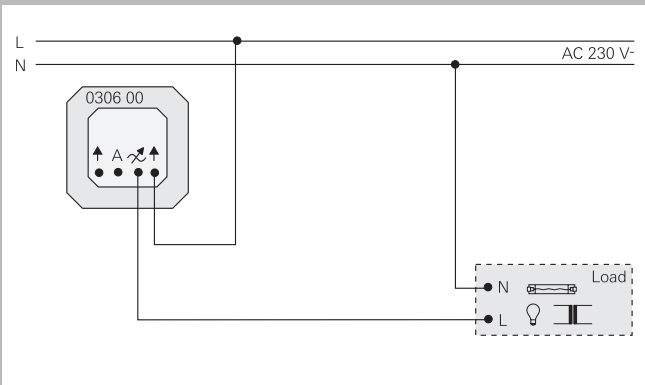


**Tronic flush dimmer**

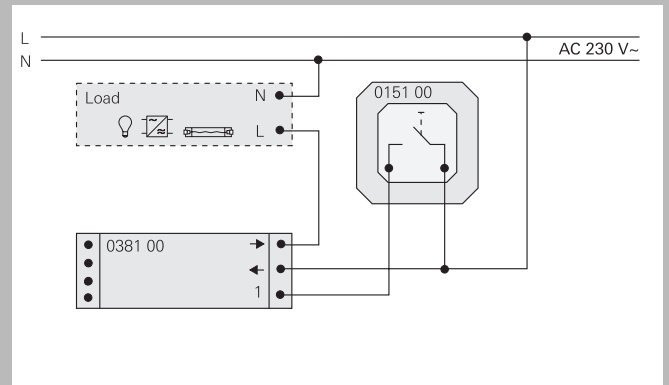
**0381 00**

**Technical data**

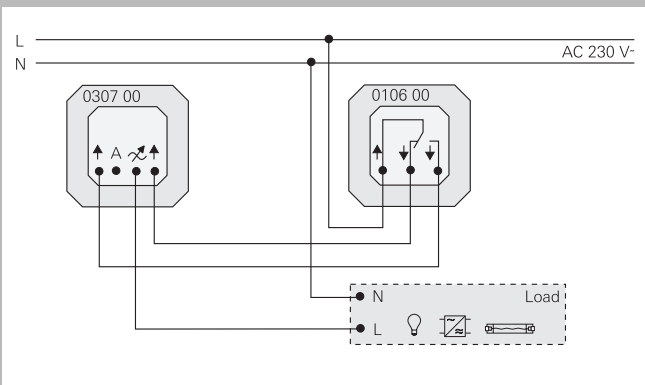
Rated voltage:	230 V AC, 50 Hz
Connected load:	50 to 700 W - 230 V light bulbs - Gira Tronic transformers - HV halogen - mixed loads of specified load types
Ambient temperature (Ta):	+45 °C
Housing temperature (Tc):	+70 °C
Number of power boosts:	Max. 10 Gira Tronic power boosts Universal power boost, See table, page 464
Auxiliary units:	Mechanical push button (NO contact)
Dimensions (L x W x H):	212 x 48 x 46 mm



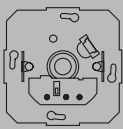
Tronic dimmer connection



Connection of Tronic flush dimmer



2-way wiring

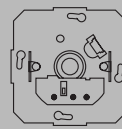


**LV dimmer with push-action 2-way switch**

**0306 00**

**Technical data**

Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 500 VA
	<ul style="list-style-type: none"> <li>- 230 V light bulbs</li> <li>- HV halogen</li> <li>- with dimmable conventional transformers, load with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed the maximum connected load.</li> <li>- mixed loads of specified load types</li> </ul>
Fuse protection:	T 3.15 H 250
Number of power boosts:	Max. 10 LV power boosts
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with 2 dimmers is <b>not</b> possible
Control output A:	Mechanical contact with max. 100 mA (no load output)

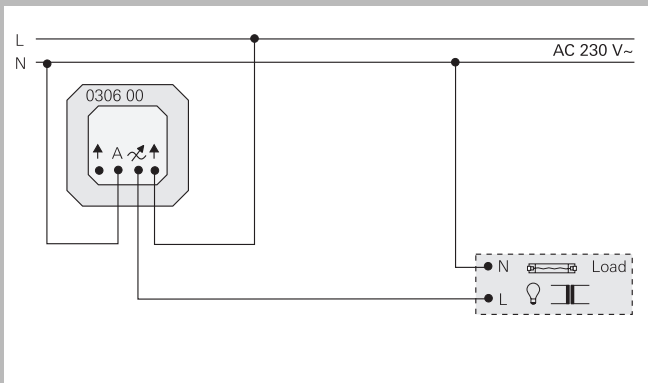


**LV dimmer with push-action 2-way switch**

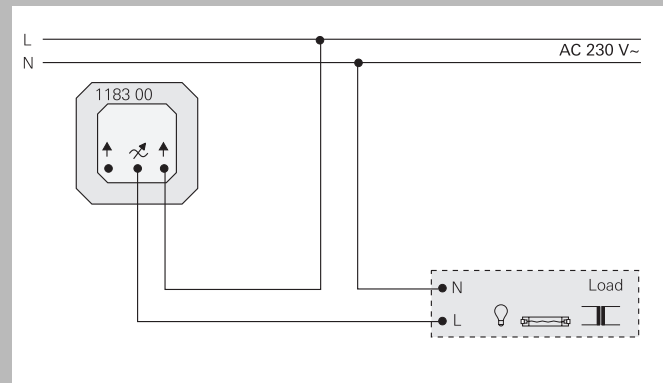
**1183 00**

**Technical data**

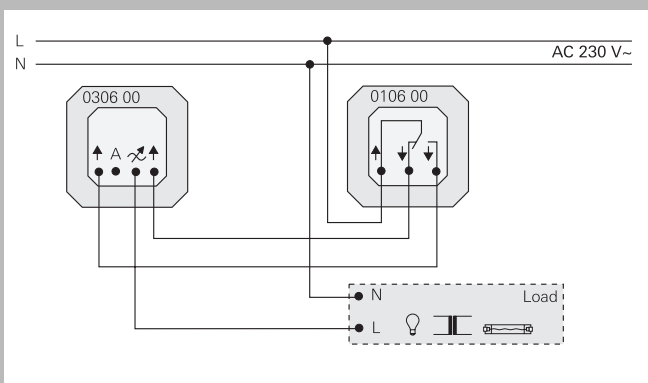
Rated voltage:	230 V AC, 50 Hz
Connected load:	20 to 500 VA
	<ul style="list-style-type: none"> <li>- 230 V light bulbs</li> <li>- HV halogen</li> <li>- with dimmable conventional transformers, load with at least 85 % rated load with lamps. Total load including transformer power loss may not exceed the maximum connected load.</li> <li>- mixed loads of specified load types</li> </ul>
Fuse protection:	T 3.15 H 250
Number of power boosts:	Max. 10 LV power boosts
2-way wiring:	Via mechanical 2-way switches; 2-way wiring with 2 dimmers is <b>not</b> possible



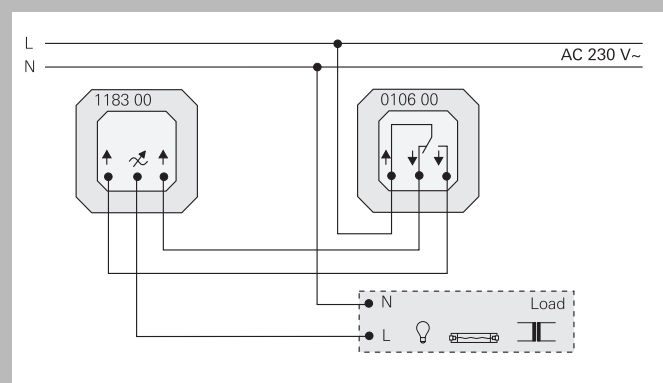
LV dimmer connection



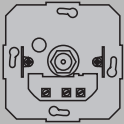
LV dimmer connection



2-way wiring



2-way wiring

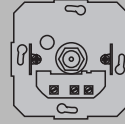


Insert of electronic potentiometer for 10 V control input with switching function

0309 00

Technical data

Control voltage:	0.7 -12 V
Control current:	Max. 50 mA
Micro-fuse:	F 500 H 250
Contact rating of the mains switch:	Max. 6 A

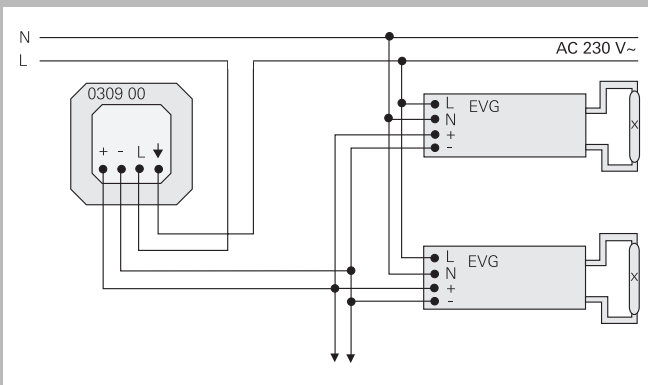


Insert of electronic potentiometer for 10 V control input with touch function

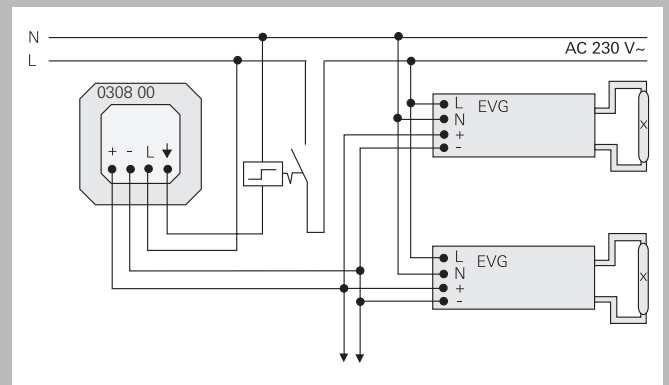
0308 00

Technical data

Control voltage:	0.7 -12 V
Control current:	Max. 50 mA
Micro-fuse:	F 500 H 250
Contact rating of the mains button:	Max. 2 A



Connection of electronic potentiometer with switch function to electronic ballast



Connection of electronic potentiometer with touch function to electronic ballast



**Flush control unit for 1-10 V control input**

0360 00

**Technical data**

Rated voltage:	230 V AC, 50 Hz
Connected load:	- Ohmic load 2300 W - Electronic ballast and transformers are type-dependent
Control voltage:	1-10 V
Control current:	Max. 200 mA
Switching contact:	Relay
Short-circuit protection:	Via circuit breaker 10 A
Electrical isolation 1-10 V:	2 kV base insulation
Ambient temperature:	+50 °C
Protection type:	IP 20
Dimensions (L x W x H):	175 x 42 x 18 mm

Flush control unit for 1-10 V control input for switching and dimming fluorescent lamps via electronic ballast with 1-10 V control input or electronic transformers with 1-10 V control input. Operation via mechanical push button (NO contact).

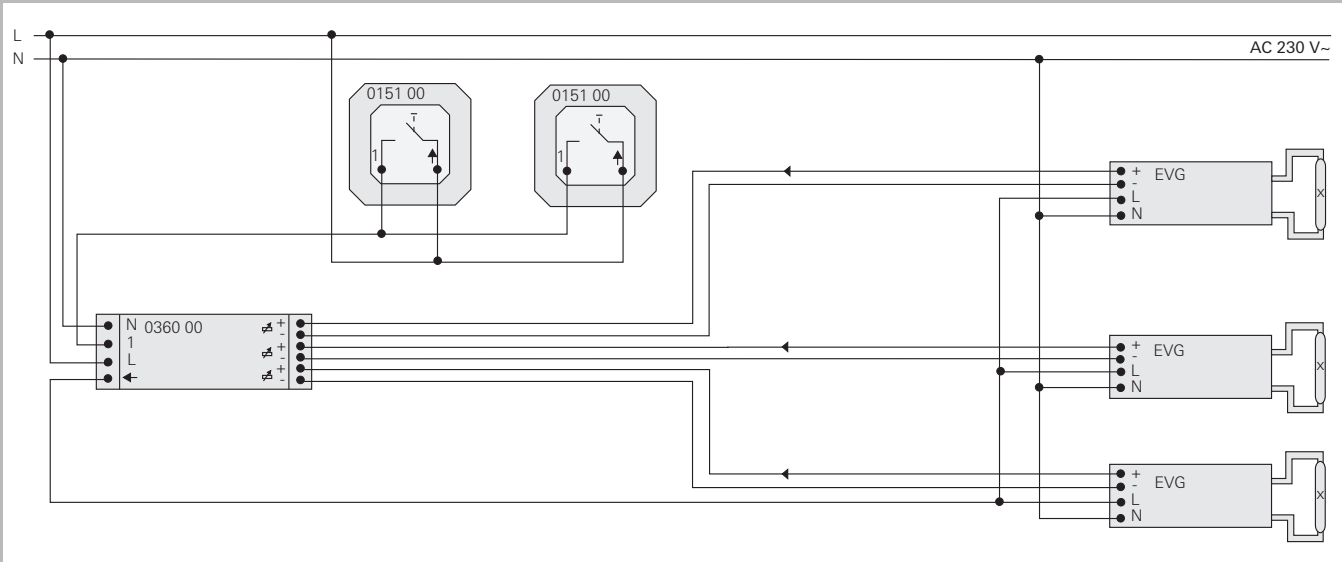
**Notes on installation**

Test electronic ballast for suitability before installation! Some electronic ballasts briefly switch the fluorescent lamps to the maximum brightness when the supply voltage is applied. Only after this time does such an electronic ballast react to the applied control voltage and set the brightness accordingly.

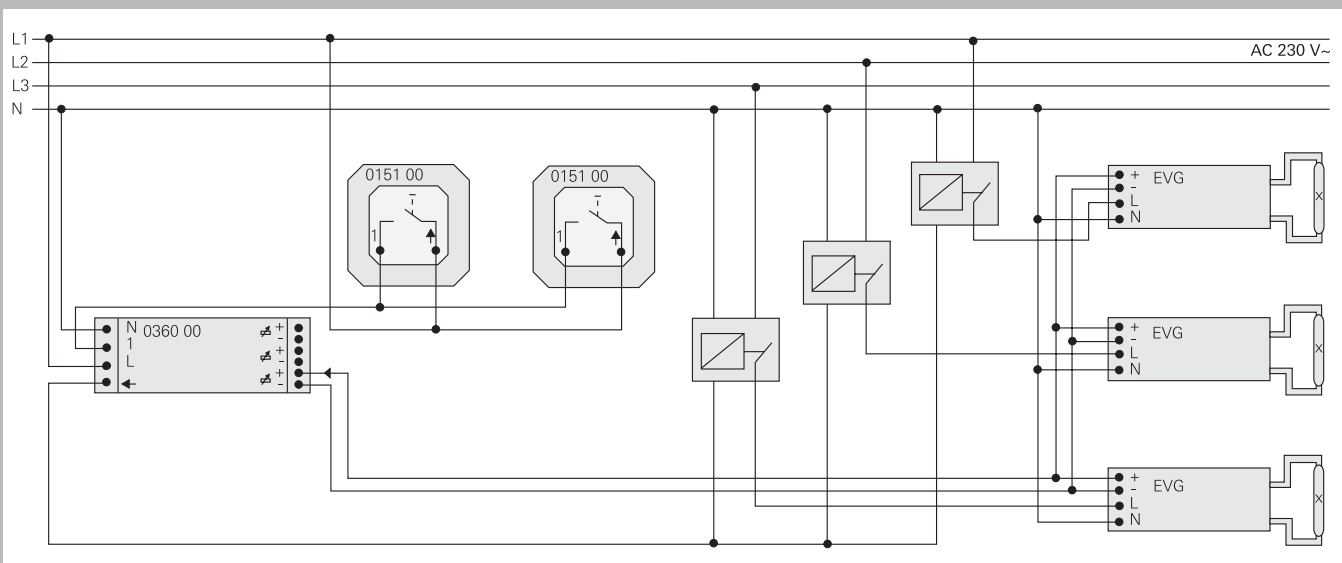
Use only electronic ballasts with a standardised interface pursuant to DIN EN 60928 (electrical isolation between mains supply and 1-10 V input).

Use only electronic ballasts and fluorescent lamps or transformers from a single manufacturer and of a single type and power level.

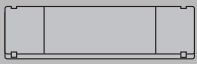
The maximum number of electronic ballasts or transformers which may be connected to the flush control unit for 1-10 V control input is calculated from the sum of the control currents. With this, the total current of 200 mA may not be exceeded (see technical data from the transformer and electronic ballast manufacturer).



Connection of flush control unit for 1-10 V control input



Connection of flush control unit for 1-10 V control input in three phases



**Tronic flush power boost**

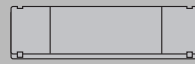
**0380 00**

**Technical data**

Rated voltage:	230 V AC, 50 Hz
Connected load:	100 to 700 W - 230 V light bulbs - HV halogen - Gira Tronic transformers - mixed loads of specified load types
Ambient temperature:	+45 °C
Housing temperature:	+70 °C
Dimensions (L x W x H):	212 x 49 x 46 mm

Use the **same phase** for universal dimmers, Tronic dimmers and power boosts. Do not switch L and N at the power boost. If this is not heeded, faulty functioning will occur.

For lighting systems with an output of over 3500 W, the installation must be apportioned to two circuits, but with the same phase. The automatic circuit breakers of these circuits are to be coupled mechanically so that an all-pole disconnection of the lighting system is ensured.



**LV flush power boost 100 to 600 W**

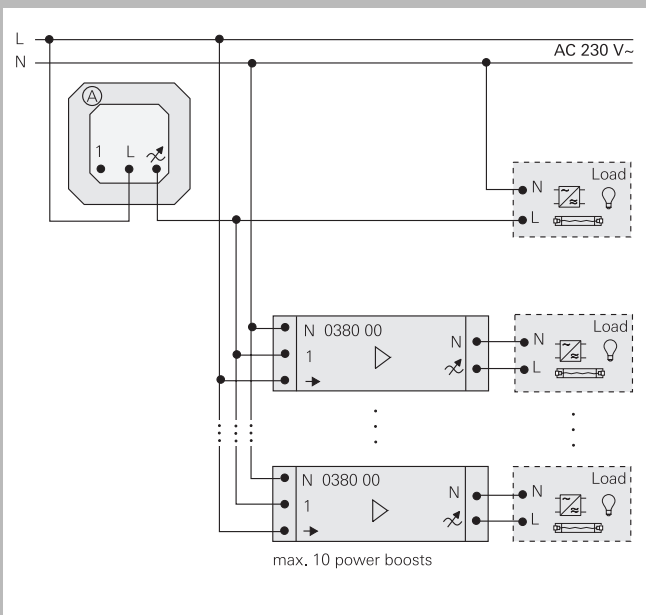
**0364 00**

**Technical data**

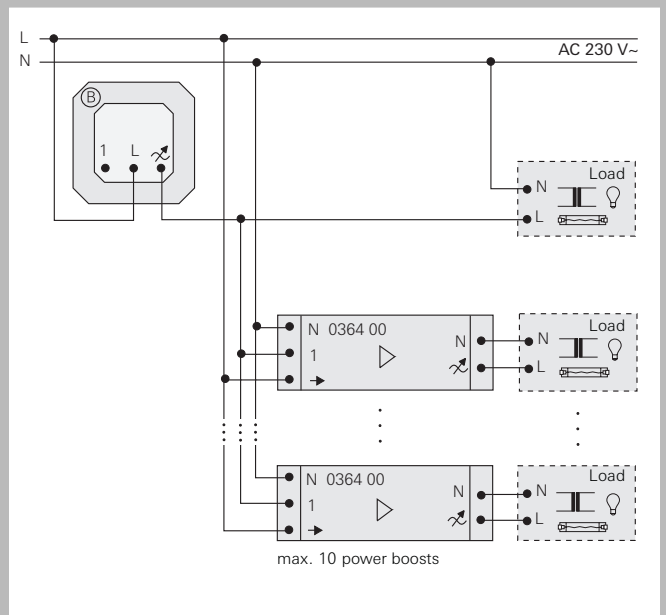
Rated voltage:	230 V AC, 50 Hz
Connected load:	- 100 to 600 W light bulbs - 100 to 500 W HV halogen - 100 to 600 VA LV halogen with inductive transformer - mixed loads of specified load types - mixed load with HV halogen lamps max. 500 W
Ambient temperature:	+45 °C
Housing temperature:	+70 °C
Dimensions (L x W x H):	212 x 49 x 46 mm

Use the **same phase** for universal dimmers, LV dimmers and LV power boosts. Do not switch L and N at the power boost. If this is not heeded, faulty functioning will occur.

For lighting systems with an output of over 3500 VA, the installation must be apportioned to two circuits, but with the same phase. The automatic circuit breakers of these circuits are to be coupled mechanically so that an all-pole disconnection of the lighting system is ensured.



Parallel connection of several Tronic power boosts



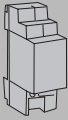
Parallel connection of several LV power boosts

**Explanation of (A)**

0307 00	Tronic dimmer insert
0305 00	System 2000 Universal dimming insert
0381 00	Tronic flush dimmer
0357 00	Tronic dimmer DRA
1181 00	Light bulb dimmer pressure/2-way switch
1182 00	Tronic dimmer insert

**Explanation of (B)**

0300 00	Light bulb dimmer 2-way turn-off switch
0302 00	Light bulb dimmer pressure/2-way switch
0305 00	System 2000 Universal dimming insert
0306 00	LV dimmer insert
0331 00	System 2000 LV dimming insert
1181 00	Light bulb dimmer pressure/2-way switch
1183 00	LV dimmer insert
1184 00	Light bulb dimmer pressure/2-way switch

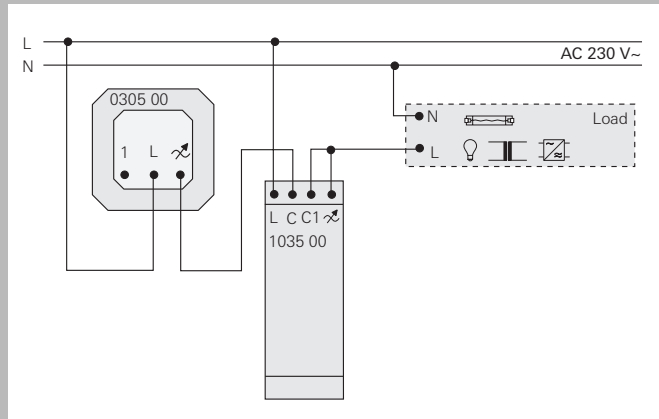


**Universal power boost**  
200 to 500 W

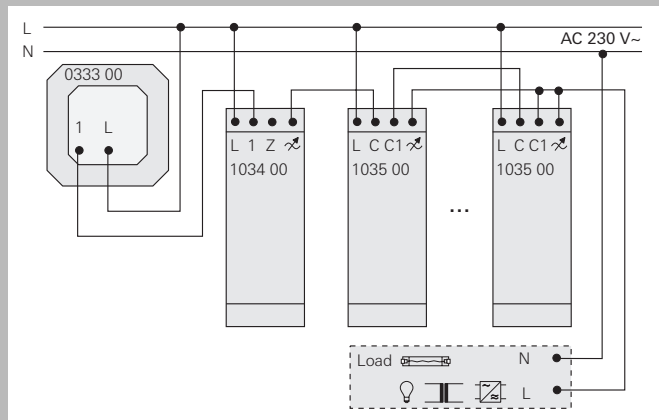
1035 00

**Technical data**

Rated voltage:	AC 230 V~, 50 Hz
Connected load:	200 to 500 W / VA
	<ul style="list-style-type: none"> <li>- 230 V light bulbs (ohmic load, <b>trailing</b> edge)</li> <li>- 230 V halogen lamps (ohmic load, <b>trailing</b> edge)</li> <li>- Tronic transformers (capacitive load, <b>trailing</b> edge)</li> <li>- Conventional transformers (inductive load, <b>leading</b> edge)</li> <li>- Mixed loads composed of the loads specified (capacitive loads not together with inductive loads).</li> <li>- If mixed loads are used with conventional transformers, the share of ohmic loads must not exceed 50 %.</li> </ul>
Ambient temperature:	+ 45 °C
Dimensions:	2 depth module



Connection of System 2000 universal dimmer with universal power boost

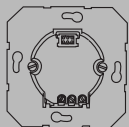


Connection of System 2000 universal dimmer DRA with universal power boost

Dimmer	Order-No.	Operating mode Load	Amount of universal power boosts
Universal dimmer DRA 50 - 500 W/VA	1034 00	<b>Trailing</b> edge	10 pieces of 500 W
System 2000 Universal dimmer 50 - 420 W/VA	0305 00	<b>Trailing</b> edge	10 pieces of 500 W
Universal dimmer with pressure/rotary switch 50 - 420 W/VA	1176 00	<b>Leading</b> edge	5 pieces of 420 VA
Radio universal dimming actuator, 1-gang DRA 50 - 400 W/VA	1135 00	<b>Leading</b> edge	5 pieces of 420 VA
Tronic dimmer with push-action 2-way switch 20 - 525 W	0307 00	<b>Trailing</b> edge	10 pieces of 500 W
Tronic flush dimmer 50 - 700 W	0381 00	<b>Trailing</b> edge	10 pieces of 400 W
Radio universal dimmer 50 - 315 W/VA	0809 00	<b>Trailing</b> edge	10 pieces of 500 W
		<b>Leading</b> edge	5 pieces of 300 VA
Instabus KNX/EIB universal dimming actuator 1-gang	1031 00	<b>Trailing</b> edge	10 pieces of 500 W
		<b>Leading</b> edge	5 pieces of 420 VA
Instabus KNX/EIB universal dimming actuator 2-gang	1032 00	<b>Trailing</b> edge	1-gang 10 pieces of 500 W 2-gang 10 pieces of 500 W
		<b>Leading</b> edge	1-gang 5 pieces of 350 VA 2-gang 5 pieces of 250 VA
Instabus KNX/EIB universal dimming actuator 4-gang	1043 00	<b>Trailing</b> edge	10 pieces of 500 W

In ohmic loads (R), the devices work in the operation mode **Trailing** edge





**Blind control insert without neutral conductor**

**0395 00**

**Technical data**

Rated voltage:	230 V AC, 50 Hz N conductor not required
Contact rating:	Max. 1000 VA
Relay output:	Two equipotential bonding NO contacts (locked against one another)
Pulse duration:	2 min
Switching time with extended run:	Min. 1 sec. (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Circuit breaker:	Max. 16 A

**Function**

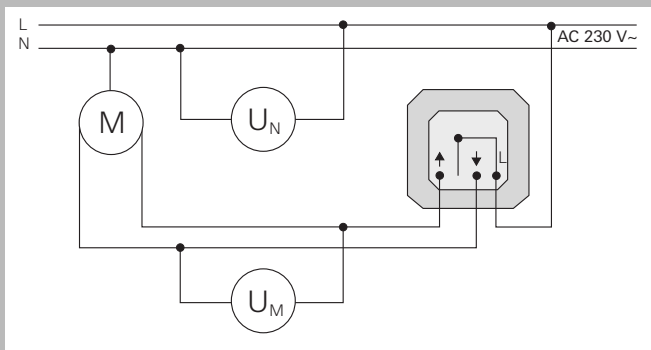
The insert without N conductors is used without neutral conductors (N) in installations. The mechanical blind switch can thus be replaced directly with a convenient controller with the insert without an N conductor. The insert without an N conductor is a component of the blind control system and is mounted in a device box pursuant to DIN 49073 in conjunction with top units from the blind control system (we recommend a deep box).

**Note**

- Use only blind or shutter motors with mechanical or electronic stop position switches.
- Check the suitability of the shutter or blind motor before using the insert without an N conductor.

- Do not use a cut-off relay, as the blind control cannot be powered via the motor winding. Malfunction!
- Observe the information from the motor manufacturer regarding switching time and max. power-on time (POT).
- The very brief switching time of approx. 1 second during extended running is realised with the electronic lock of the top unit.
- If it is desired that a blind motor be switched from superordinate locations (e.g. central control unit) in addition to on-site operation, the blind control insert with auxiliary input must be used (neutral conductor required).

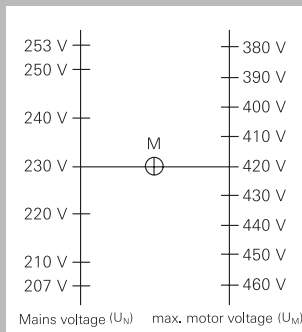
**Checking the suitability of motors**



Measurement of the current mains voltage  $U_N$  and the motor voltage  $U_M$

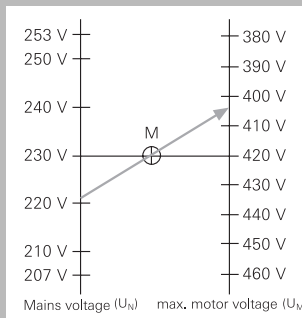
Often times, it is unknown whether a motor is used with mechanical or electronic stop position switches. For this reason, first check the suitability of the motor. Some motors with mechanical stop position switches build up high motor

voltage while in operation, which can damage the insert without N conductors. For this reason, checking is carried out with a standard mechanical blind switch (may still be installed) and not with the insert without N conductors.



Perform the following measurement with a voltmeter:

- Measure the current mains voltage  $U_N$ .
- Find the measured mains voltage in the diagram.
- Follow the located point via the midpoint M to the right axis using a line. The intersecting point on the right axis provides the max. permissible motor voltage  $U_M$ .
- Now measure the motor voltage  $U_M$  in the up and down direction at the installed standard mechanical blind switches. The previously determined maximum value may not be exceeded with both messages.



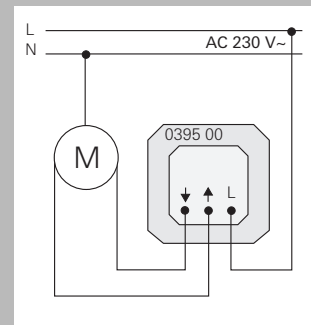
Example:  $U_N = 221$  V

**Example diagram:**

The measured mains voltage  $U_N$  is 221 V. Follow the value 221 V on the left axis in the diagram via the midpoint (M) to the right axis with the motor voltage  $U_M$ . You attain a maximum permissible motor voltage of 404 V. The motor voltages measured in the up and down direction must be under 404 V.

$U_N$	max. $U_M$
207 V	380 V
215 V	393 V
220 V	403 V
225 V	412 V
230 V	420 V
235 V	429 V
240 V	438 V
245 V	447 V
253 V	460 V

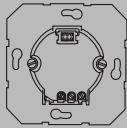
As an approximation, the typical maximum motor voltages  $U_M$  dependent on the mains voltage  $U_N$  can be found in the table.



Connection of blind control insert without neutral conductor

**Motor with electronic stop position switches**

If you are positive that a motor is being used with electronic stop position switches, you need not perform the measurement described above. The insert can not be damaged by motors with electronic stop position switches when used properly. In this case, check the general functioning of the motor in conjunction with the insert without N conductors.



**Blind control insert  
24 V DC**

**0388 00**

**Technical data**

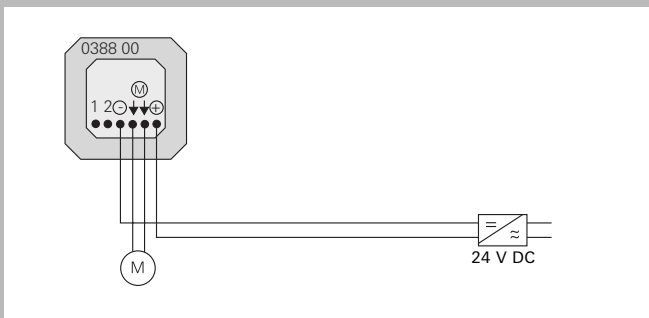
Rated voltage:	DC 24 V
Contact rating:	Max. 3 A
Relay output:	2 2-way switch relays of a pole-changing circuit
Pulse duration:	Determined by the top unit, default value is 2 minutes
Switching time:	Min. 1 sec. (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

When using blind **push buttons**, the 24 V insert does not switch to self-locking mode (extended run). The blind must be moved to the desired position via manual actuation.

If this is not desired, you must use blind **switches** with mechanical locks.

The 24 V insert can then only be operated with a mechanical auxiliary unit if the insert and auxiliary unit are fed from the **same** 24 V power supply. Only then do the insert and the auxiliary unit have the same ⊖-potential and it is sufficient to switch the ⊕-potential via the mechanical auxiliary unit.

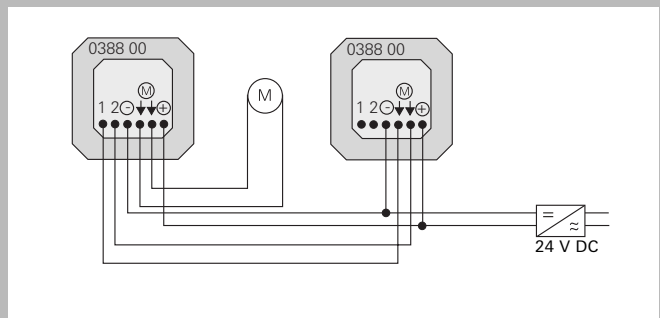
If the auxiliary unit (e.g. in a central control) is fed via another power supply, on the other hand, a 24 V insert which wires both auxiliary inserts must be used.



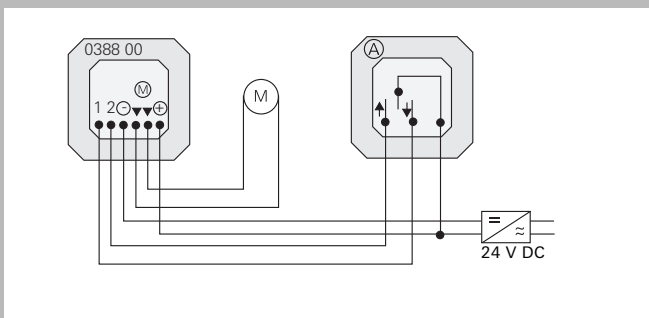
Blind controller insert 24 V DC connection

A power supply providing 24 V DC SELV must be used to feed the 24 V insert. For this purpose, the power supply must ensure protective disconnection between the primary and secondary sides.

The blind motor is to be connected to motor terminals of the 24 V insert. If the motor turns in the wrong direction, the connection cables are to be switched.



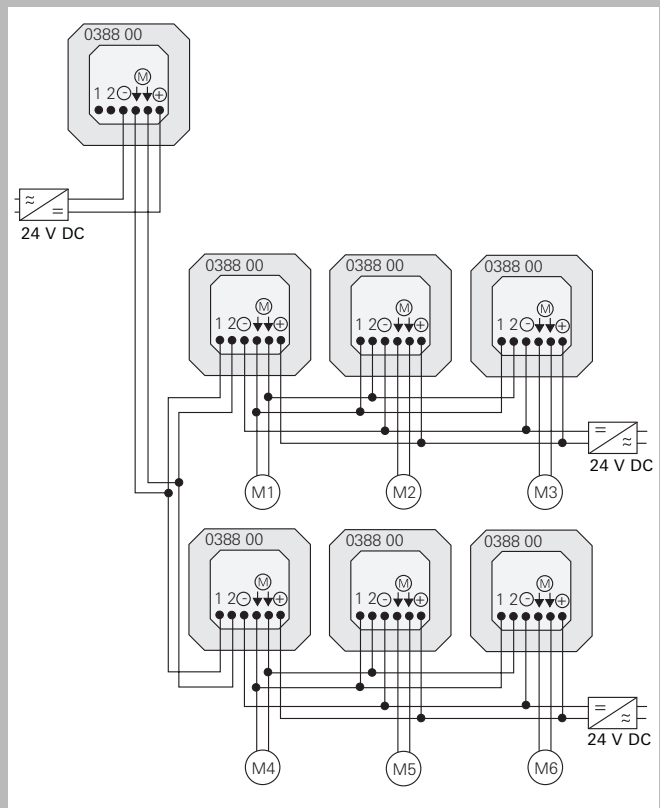
Blind controller insert 24 V DC connection with auxiliary unit



Blind controller insert 24 V DC connection with mechanical auxiliary unit (blind push button with mechanical lock).

**Explanation of (A)**

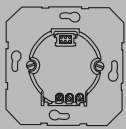
0154 00, 0157 00	Blind buttons/switches
0154 30	Water-protected surface-mounted blind buttons/switches
0158 13, 0159 13	Surface-mounted blind push buttons/switches
0144 00, 0163 00	Key-switch inserts
0144 30, 0163 30	Water-protected surface-mounted key switches



Blind controller insert 24 V DC connection with "central control"

The central control accepts the blind control insert 24 V DC with the electrical blind control top unit. Two groups with three 24 V inserts each and with a control button top unit or radio control button top unit can be operated on site. The inserts for the M1

and M4 motors accept a superordinate function for the respective group. If these motors are moved, all motors in the group also move. Additional 24 V inserts can be added, according to the wiring schematic.

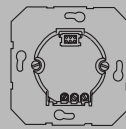


**Blind control insert without auxiliary input**

0399 00

**Technical data**

Rated voltage:	230 V AC, 50 Hz N conductor required
Contact rating:	Max. 1000 VA
Relay output:	Two equipotential bonding NO contacts (locked against one another)
Pulse duration:	2 min
Switching time with extended run:	Min. 1 sec. (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

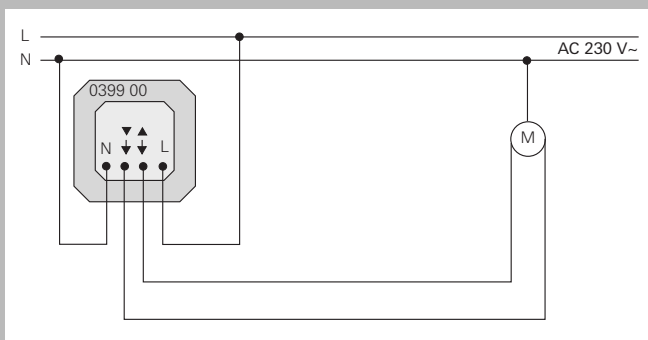


**Blind control insert with auxiliary input**

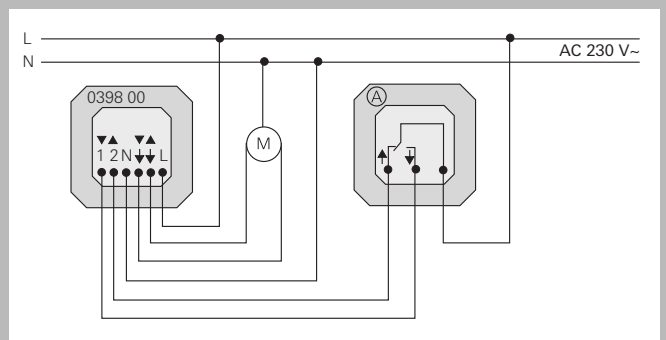
0398 00

**Technical data**

Rated voltage:	230 V AC, 50 Hz N conductor required
Contact rating:	Max. 1000 VA
Relay output:	Two equipotential bonding NO contacts (locked against one another)
Pulse duration:	2 min
Switching time with extended run:	Min. 500 ms (electronic lock via top unit)
Connection terminals:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Circuit breaker:	Max. 16 A



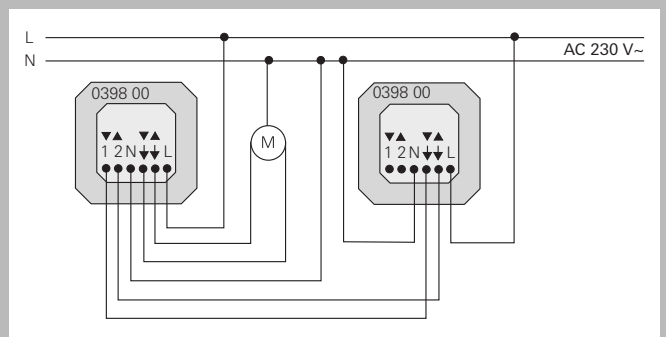
Connection of blind control insert without auxiliary unit



Connection of blind control insert with mechanical auxiliary unit (blind push button with mechanical lock)

**Explanation of Ⓐ**

0154 00, 0157 00	Blind buttons/switches
0154 30	Water-protected surface-mounted blind buttons/switches
0158 13, 0159 13	Surface-mounted blind push buttons/switches
0144 00, 0163 00	Key-switch inserts
0144 30, 0163 30	Water-protected surface-mounted key switches



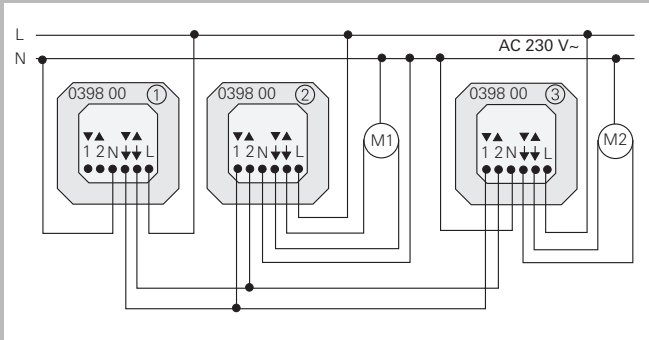
Connection of blind control to auxiliary unit

When using blinds buttons, the blind control insert does not switch to self-locking mode (extended run). The blind must be moved to the desired position manually by pressing the buttons.

If this is not desired, use blind switches with mechanical locks.

**Note**

As long as an "up" command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.



Connection of blind control insert with "group control"

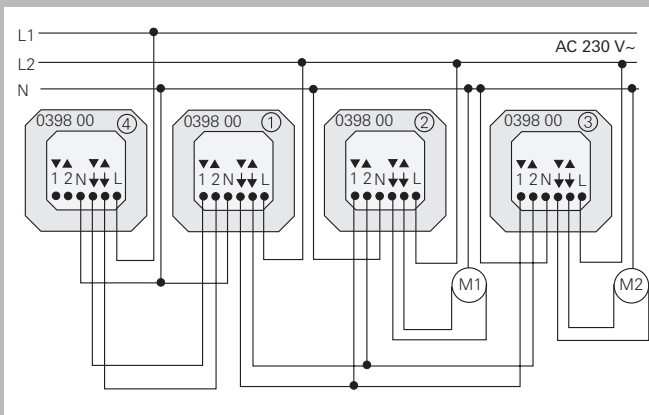
For example: Insert ① with electronic blind control Insert ② and ③ with control button. The automatic and manual control of both motors is carried out "centrally" via the ① insert with electronic blind control.

The switching commands are evaluated the same for both motors. This enables common up or down movement of the connected motors (e.g. central up command in the morning and central down command in the evening for all connected

blinds motors. Motors M1 (insert ②) and M2 (insert ③) can also be operated manually via the control buttons. Additional inserts can be added, according to the wiring schematic. Observe connection values of the circuit breakers.

**Note**

As long as an "up" command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.



Connection of blind control with "central control"

The connection in several phases enables the central control to be installed on another level or in another room. Example for two blind motors:

Inserts ①, ② and ③ with control button. Insert with electronic blind control Motors M1 (insert ②) and M2 (insert ③) are operated manually via the control buttons.

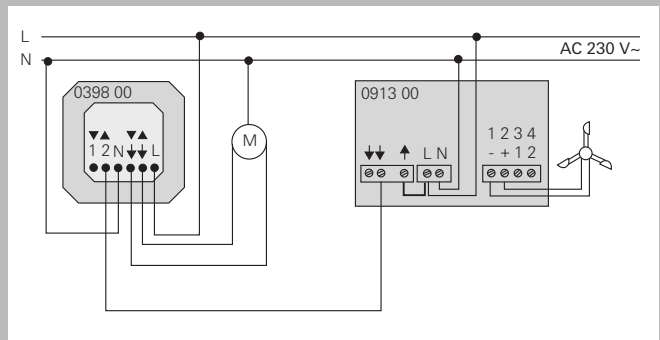
Both motors are operated simultaneously via insert ①. The automatic and manual control of both motors is carried out "centrally" via the ④ insert with electronic blind control. The switching commands are evaluated the

same for both motors. This enables simultaneous up or down movement of the connected motors (e.g. central up command in the morning and central down command in the evening for all connected blind motors).

Additional inserts can be added, according to the wiring schematic. Observe connection values of the circuit breakers.

**Note**

As long as an "up" command is active at auxiliary input "2", the blind cannot be operated manually or automatically at the device itself.

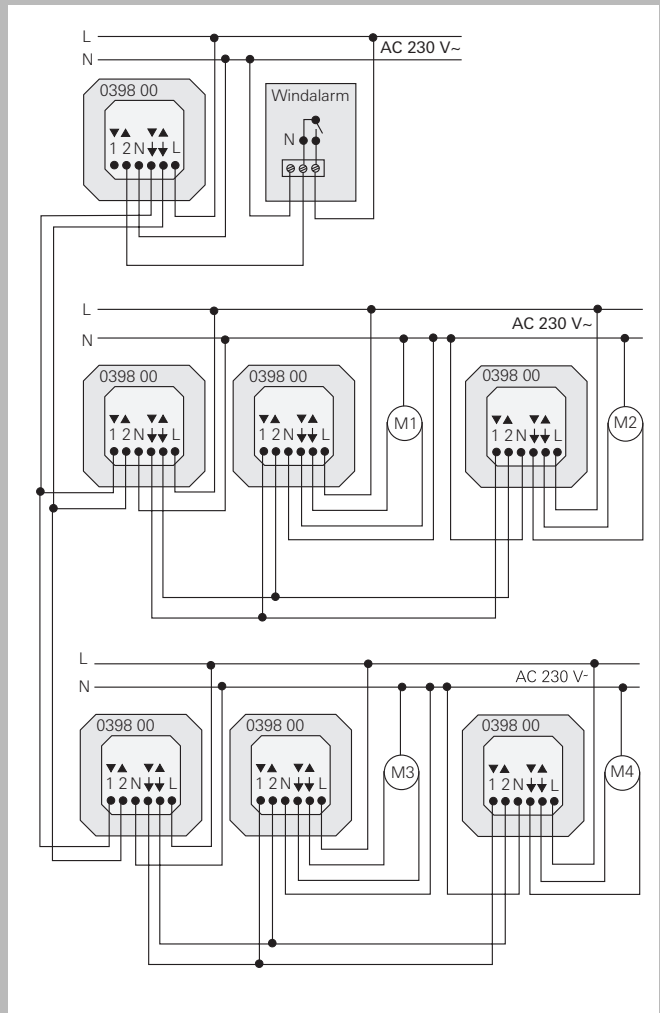


Connection of blind control system to wind alarm

**Wind sensor (cup anemometer)**

The wind sensor is mounted to the roof or the side of the building. It must be attached in a position conducive to wind-speed measurement. Do not mount in a located sheltered from the wind. Ensure attachment in the proper position.

When connecting the wind sensor, use shielded cable (we recommend JY-ST-Y 2 x 0.6). The cable may not be laid together with 230 V AC cables (danger of interference).



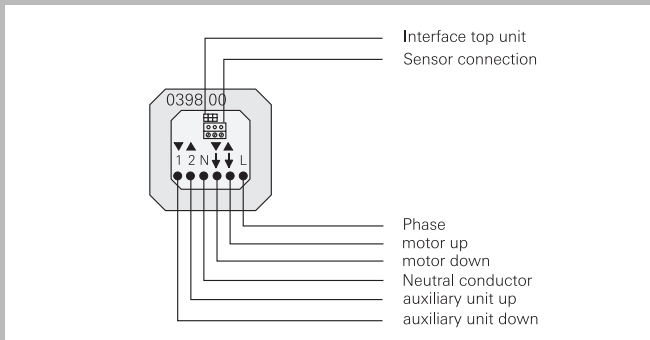
Connection of blind control to wind alarm (central control with two groups)

With a wind alarm, the blind is moved up and remains locked there until the wind dies down. This locking remains in effect as long as an up command is active at auxiliary input "2". For this reason, the blind cannot be operated manually or automatically.

**Note**

Glass-breakage sensors may not be used together with the wind sensor. The wind-protection function (blind moves up) is blocked after glass is broken, the blind or shutter remains closed.

Connection possibilities for sensors

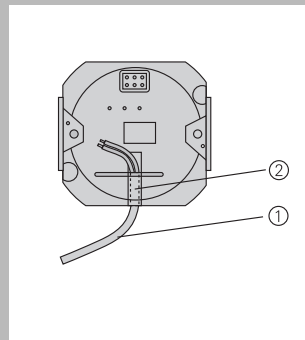


Connection of sensor cable

The blind control insert has six connection terminals and a plug for contacting the top unit.

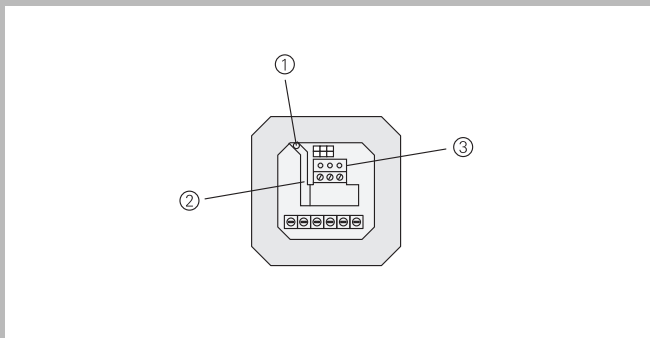
In addition, a 3-pole terminal (included with the top unit with sensor connection) can be positioned in the insert. The sun-

protection/twilight sensor (twilight sensor only in conjunction with electronic blind control) and/or glass-breakage sensor is connected to this terminal with flush-mounted placement and use of a top unit with sensor evaluation.



Surface-mounted placement, version 2 (control button with sensor evaluation)

The sensor cable ① is fed through the cable duct in the top unit to the ② connection terminal in the insert.



Connection of sensor with flush-mounted placement

Select a suitable cable for flush-mounted placement of the sensor cable.

We recommend telephone cable J-Y(ST)Y 2 x 2 x 0.6 mm. The individual wires of the sensor cable are lead through an insulated tube (included with the top unit with sensor connection). The cable is then inserted through the hole ① of the insert together with the insulated tube

and lead through the cable duct ② to the connection terminal ③. The insulated tube must enclose the individual wires from the outer cable insulation to the connection terminal. The connection terminal (included with the top units with sensor connection) is placed in the insert in accordance with the figure.

Simultaneous operation of sun and glass-breakage sensors

If a solar/brightness sensor and glass-breakage sensor are to be operated simultaneously, use an adapter (not included in scope of delivery). The adapter is connected to the top unit with sensor evaluation or to the insert via the 3-pole connection terminal.

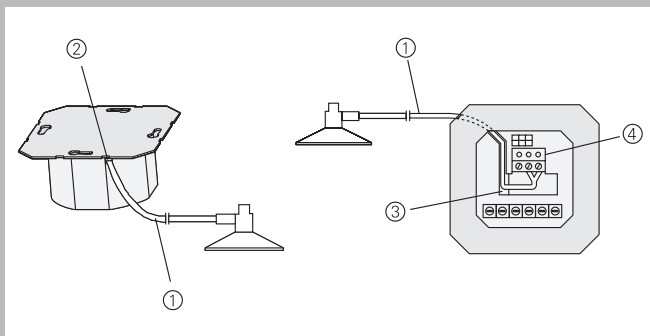
The adapter has two pin jacks for connection of the sensor plugs.

Extension of the sensor cable

The sensor cable may not be extended as long as desired, as interference from other devices and lines could be picked up. Malfunctions then result.

For interference-free operation, note the following information:

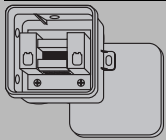
- Use only shielded cables (J-Y(ST)Y 2 x 2 x 0.6 mm) for extension of the sensor cable
- Connect shielding to earth potential
- Total length: max. 20 m
- avoid close proximity with other electrical devices



Surface-mounted placement, version 1 (control button with sensor evaluation)

The sensor cable ① is guided behind the support plate (between the wall and support plate) through the opening ② into the cable duct ③ of the insert. The cable is led directly

through the cable duct to the connection terminal ④. The cable must lie precisely in the cable duct and may not form loops in the 230 V connection terminal area.

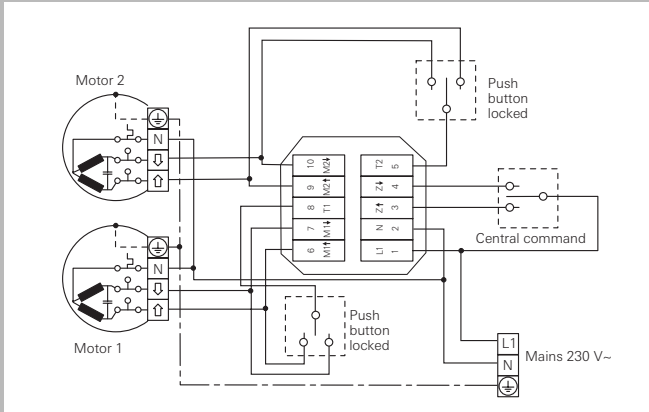


**Cut-off relay**

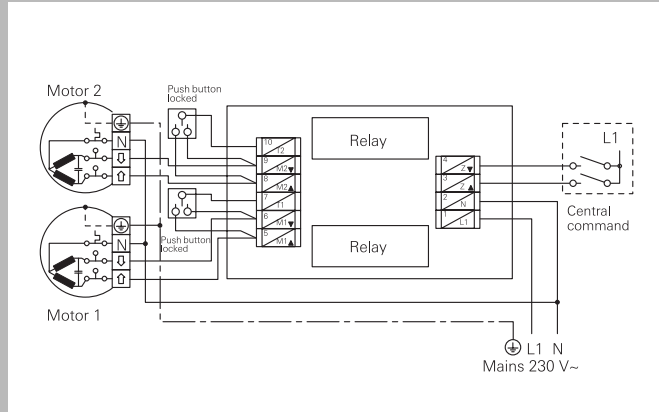
0382 00  
0387 00  
0861 00

**Technical data**

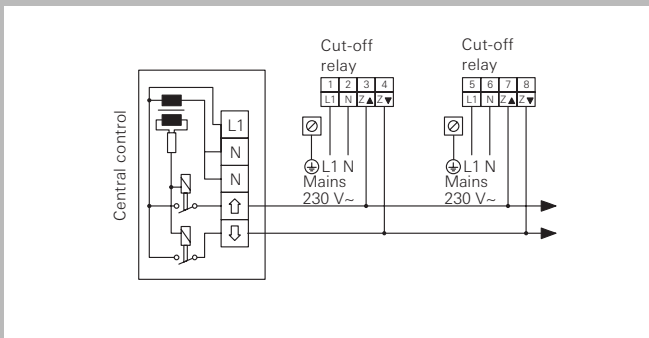
Mains: 230 V AC, 50 Hz  
Controller: 230 V AC, 50 Hz  
Contact rating: 4 A,  $\cos \varphi \geq 0.8$



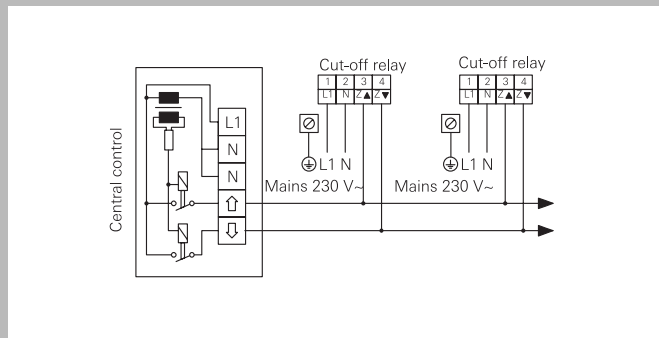
Terminal diagram of cut-off relay 0382 00



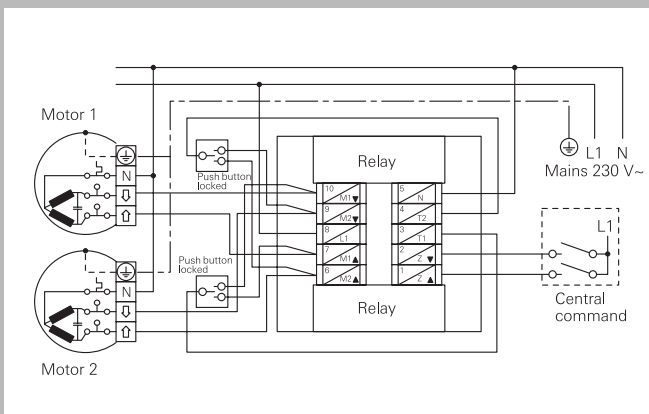
Terminal diagram of cut-off relay 0861 00



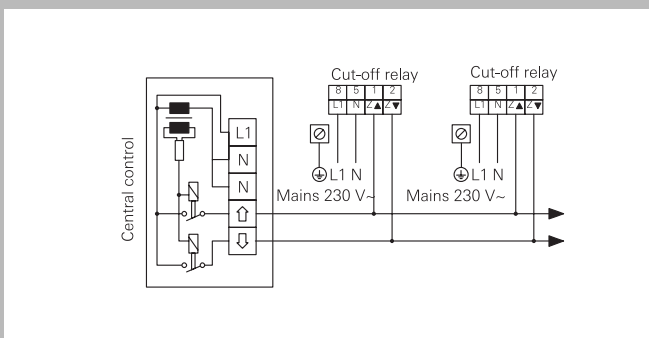
Parallel connection of cut-off relay 0382 00



Parallel connection of cut-off relay 0861 00



Terminal diagram of cut-off relay 0387 00



Parallel connection of cut-off relay 0387 00

**Mounting**

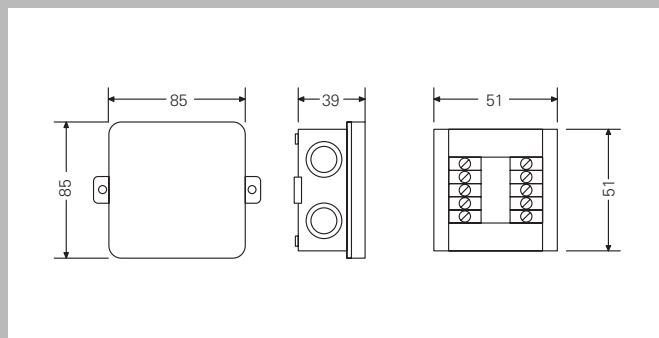
The 2-gang cut-off relay is installed in a standard, water-repellent junction box. Fastening of the junction box occurs with two screws. After mounting, all cable connections are to be made in accordance with the wiring diagram.

**Operation**

The 2-gang cut-off relay is used for the simultaneous control of two drives. All devices with 230 V output and 2 min. pulse would be suitable as a controller. Individual operation is only possible with mechanically and electrically locked push buttons.

**Important!**

During connection, the relevant VDE requirements, especially DIN VDE 01000/0700 and the relevant regulations of the local EVU and UVV are to be observed.



Dimensions of cut-off relay 0387 00



**Electronic time delay switch,  
230 V AC~**

**0385 ..**

**Technical data**

Contact rating:	See insert
Display:	LCD technology 18 x 38 mm
Switching times:	Max. 18 (in two program memories) factory preset switching times
Power reserve:	Approx. 24 h (no battery required) programmed switching times are permanently retained
Timer function:	1 min to 23 h 59 min
Random generator:	+/- 15 min
Astro program:	Adjustable by +/- 1 h 59 min
Summer/winter changeover:	Manual
Ambient temperature:	0 °C to + 45 °C

**Technical data for insert**

Rated voltage:	AC 230 V AC~, 50 Hz (N conductor required)
Contact rating:	- 1000 W light bulbs - 1000 W HV halogen - 750 W LV halogen with Tronic transformers - 750 VA conventional trans- formers (at least 85 % rated load) - 500 VA fluorescent lamps, not compensated - 400 VA fluorescent lamps parallel compensated (47 µF) - 1000 VA fluorescent lamps, duo-circuit
Energy saving lamps:	Note the high switch-on current spikes with energy saving lamps. Check suitability of the lamps before use!
Relay output:	1 zero-voltage NO contact. Not suitable for disconnection!
Switching-time spacing:	Min. 1 min
Connection terminals:	Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Power-protection switch:	Max. 16 A
Auxiliary input:	A switch can not be connected to the auxiliary unit inputs.



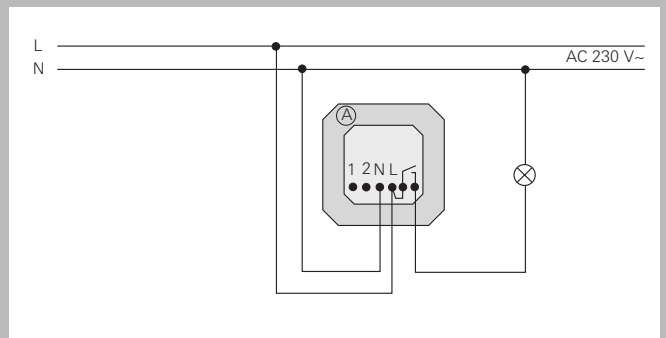
**Electronic time clock  
Easy 230 V AC~**

**1175 ..**

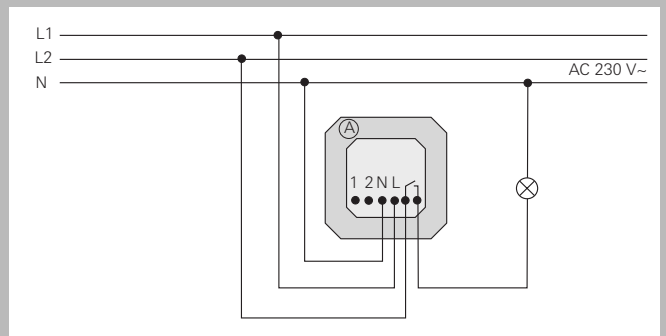
**Technical data**

Contact rating:	See insert
Display:	LCD technology 23 x 40 mm
Switching times:	2 on/off switching times Mon. – Fri. 2 on/off switching times Sat. + Sun. current time can be set as the switching time
Power reserve:	Approx. 4 h (no battery required) programmed switching times are permanently retained.
Summer/winter changeover:	Automatic
Ambient temperature:	0 °C to + 45 °C

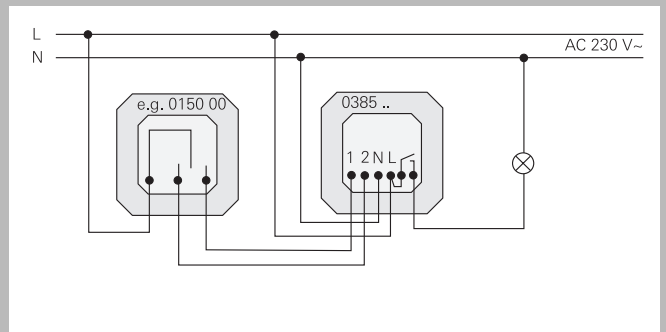
**Connection of time clock insert**



Connect phase L to input relay ("wire jumper")



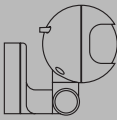
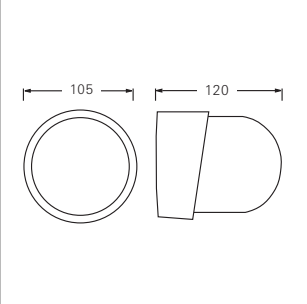
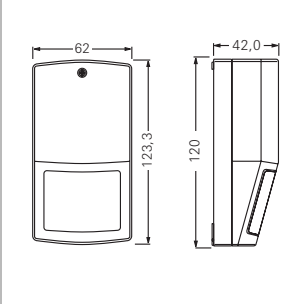
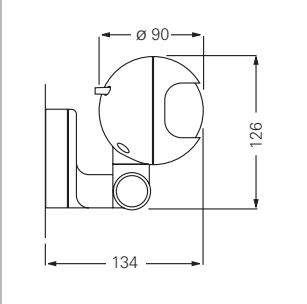
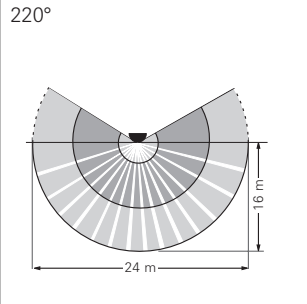
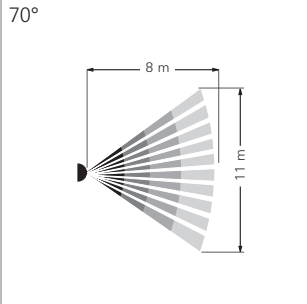
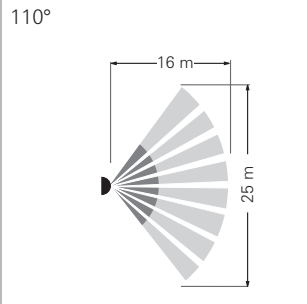
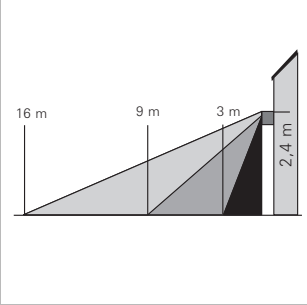
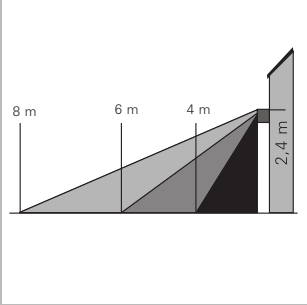
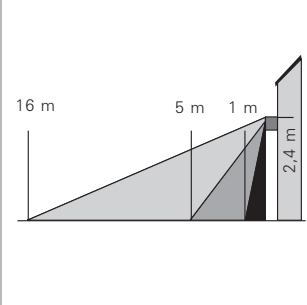


Connection in two phases. The time clock insert is designed with zero-voltage contacts.



Connection with mechanical auxiliary unit. Connect phase L with input relay ("wire jumper")

Ⓐ Time clock insert 0385 .. and 1175 ..

	 <b>Tectiv 220°</b> 0817 02 0817 10 0817 04	 <b>Observer 70</b> 0831 02 0831 10	 <b>Observer 110</b> 0355 02
Rated voltage:	230 V AC, 50 Hz	230 V AC, 50 Hz	230 V AC, 50 Hz
Contact rating <sup>1)</sup> :	- 2500 W light bulbs - 2500 W HV halogen - 1200 W fluorescent lamps, not compensated	- 1000 W light bulbs - 1000 W HV halogen - 750 VA LV halogen with conventional transformer with at least 85 % rated load - 750 W LV halogen with Gira Tronic transformer - 500 W fluorescent lamps, not compensated - 400 W fluorescent lamps parallel compensated (47 µF) - 1000 W fluorescent lamps, duo-circuit	- 2300 W light bulbs - 2300 W HV halogen - 1200 VA LV halogen with conventional transformer with at least 85 % rated load - 1200 W LV halogen with Gira Tronic transformer - 1200 W fluorescent lamps, not compensated - 920 W fluorescent lamps parallel compensated (47 µF) - 2300 W fluorescent lamps, duo-circuit
Switch-on current:	100 A	15 A	20 A
Temperature range:	-25 °C to +55 °C	-25 °C to +55 °C	-35 °C to +50 °C
Protection type:	IP 55	IP 55	IP 55
Dimensions:			
Detection field:	220° 	70° 	110° 
Range:			

<sup>1)</sup>Note

Note the high switch-on current spikes with "energy saving lamps". Check suitability of the lamp before use (see also page 491 / **i** 79).



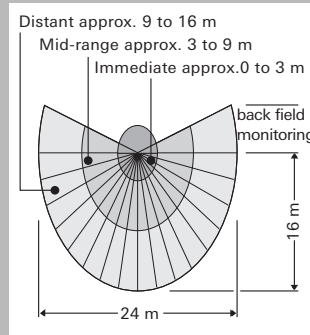


**Tectiv 220°**

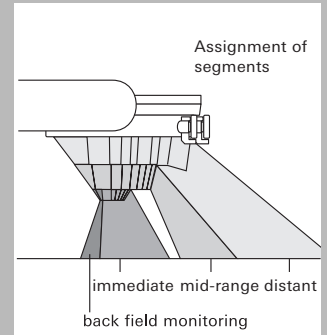
**0817 02**  
**0817 10**  
**0817 04**

**Technical data**

Nominal range – front:	Approx. 16 m
Nominal range – side:	Approx. 12 m
(installation height: 2.40 m)	
Detection area:	220°, reducible with shutter
Recommended installation height:	2.40 m
Rated voltage:	230 V AC, 50 Hz
Switching relay:	16 A
Switch-on current:	Up to 100 A
Contact rating:	- 2500 W light bulbs - 2500 W HV halogen - 1200 W fluorescent lamps
Power consumption:	Approx. 1 W (deactivated state) Approx. 5 W (activated state)
Ambient temperature:	-25°C to +55°C
Switch-on time:	Approx. 1 sec. to 30 min.
Brightness sensor:	3 to 1000 Lux and daytime operation
Additional functions:	daylight signaller, teach-in, light on, continuous on/off.
Protection type:	IP 55
Connections:	L, N, PE, L' 1.5 to 2.5 mm <sup>2</sup>



Erfassungsfeld



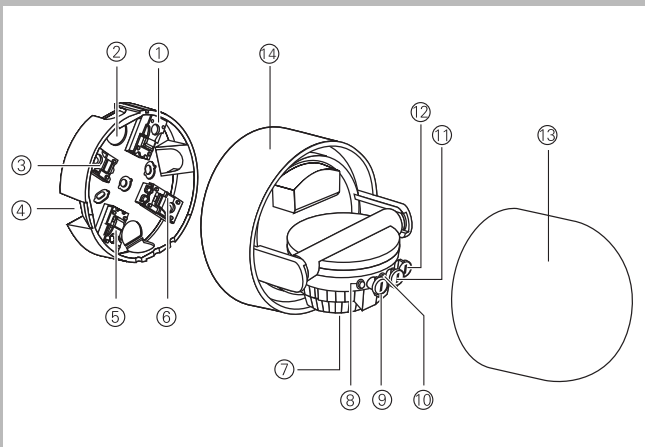
Zuordnung der Segmente

**Teach-in: saving of brightness switching threshold**

Wait for desired twilight and then:

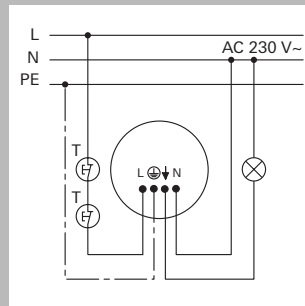
1. Turn dome anticlockwise and remove.
2. Press red teach-in key for at least 3 sec (do not touch lens!). The LED begins to flash.
3. Replace dome and turn clockwise.

The value is saved after 1 minute, and the LED no longer blinks. If the light was already switched on, it switches off. It switches on again when movement is detected. The current brightness value is saved.

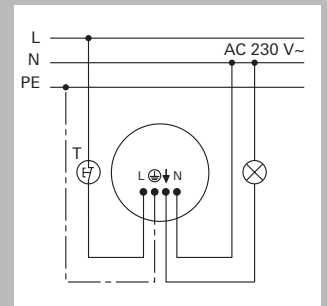


**Key**

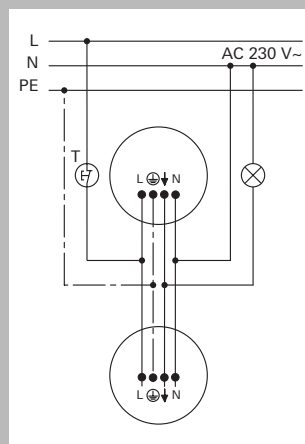
- ① PE protective conductor
- ② Flush-mounted cable inlet
- ③ L external conductor
- ④ Surface-mounted cable inlet
- ⑤ Switched output
- ⑥ N neutral conductor
- ⑦ Lens
- ⑧ Brightness (teach-in) key
- ⑨ Sensitivity controller
- ⑩ LED
- ⑪ Brightness controller
- ⑫ Delay period controller
- ⑬ Dome
- ⑭ Designed ring (3-gang adjustment, depending on the cable inlet)



**2-way wiring**  
Replace existing 2-way switches with push buttons. Function as described under push button.  
T = push button (NC contact)



**Connection to push buttons**  
Press once: Light switches on for set delay period.  
Press twice: Continuously on for 2 hours  
Press three times: Continuously off for 2 hours  
Continuously on/continuously off switches back to the normal observer mode after 2 hours.  
T = push button (NC contact)



**Parallel connection**  
Parallel connection of several Gira Tectiv 220° units. The contact rating is not increased by the parallel connection.  
T = push button (NC contact)

## Basics of the Gira observer systems

The Gira observer functions based on the principle of a passive infrared motion detector (PIR motion detector).

It registers a movement of heat in its detection field caused by people, animals or objects. The device (e.g. a light) is switched on as soon as the heat source moves in the detection area.

The observer remains switched on as long as movement can be detected and then switches off automatically when the settable delay time has run out.

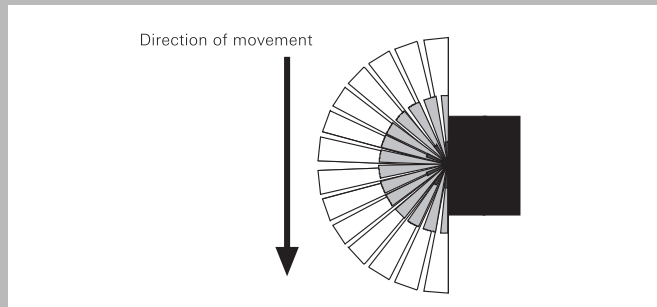
To avoid unwanted switching, influences from the environment are suppressed on the one hand by the appropriate switching measures in the device and minimised by selecting a suitable installation site on the other hand.

## Therefore it is important to note the following during installation:

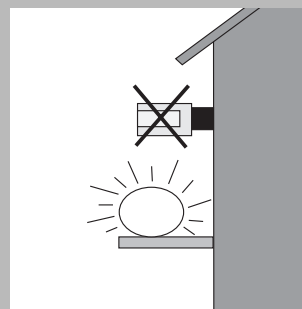
- influences from sources of interference such as trees, bushes, animals or automobiles must be prevented or blocked.
- the recommended installation height must be complied with so that optimum detection is ensured.
- the expected direction of movement of an object to be detected is taken into account (direction of movement should be at a right angle to detection direction to the greatest extent possible).
- keep influences due to weather such as rain, snow, fog etc. to a minimum (e.g. via installation under an overhang).

A Gira observer has a tight, half circle-shaped detection field with three levels and a number of so-called switching segments (detection beams).

The range specified in the technical data of an observer always refers to the recommended installation height (e.g. 2.40 m) and requires that the sensor head is not tilted, the direction of movement on the side of the observer and a sufficient difference in temperature between the moved body and the environment is taken into account. Deviations from these requirements cause a change in the range.

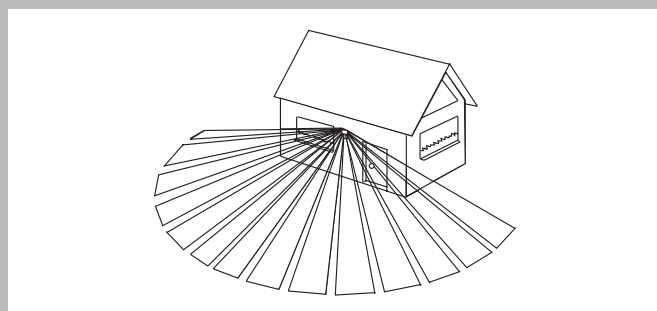


Direction of movement

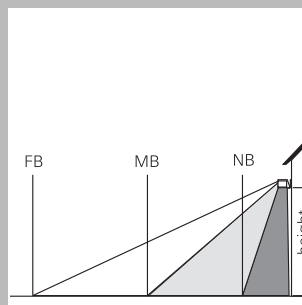


Incorrect observer attachment

Never mount the observer directly over a light! A cooling lamp can be detected as a change in heat and cause activation of the lights.



Presentation of the switching segments (detection beams)

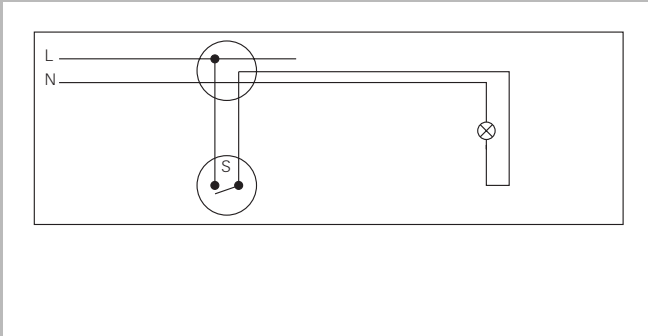


Monitoring levels

### The monitoring levels are defined as follows:

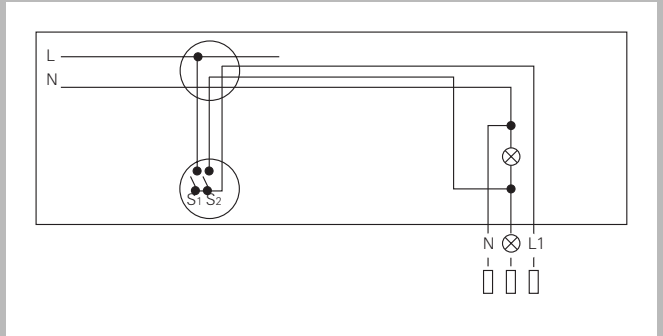
- Immediate area (NB)
- Mid-range area (MB)
- Distant area (FB)

Wiring schematics



Existing installation

Wiring schematics

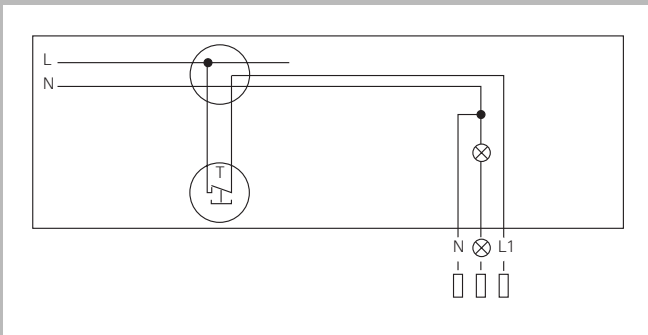


Automatic or manual operation with series switch

S 1 open, S 2 open:  
all off.

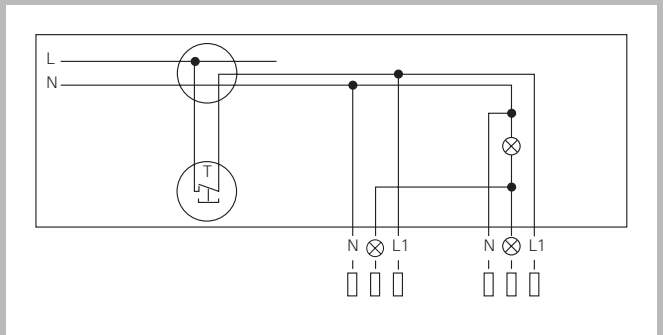
S 1 closed, S 2 open:  
normal automatic mode.

S 1 closed, S 2 closed:  
continuous light, manual mode,  
observer inactive.



Connection of observer and the system power section

Replace existing switch "S" with "T" push button (NC contact). Actuating the push button for at least 1 second triggers switching.

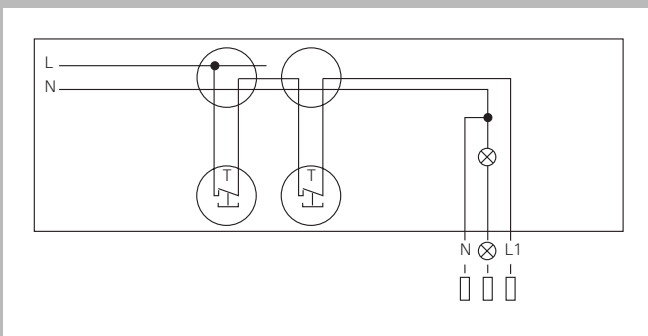


Connection of several observers (parallel connection)

Push button "T" (NC contact) (system-sensor cables from two or more observer systems may not be wired together!)

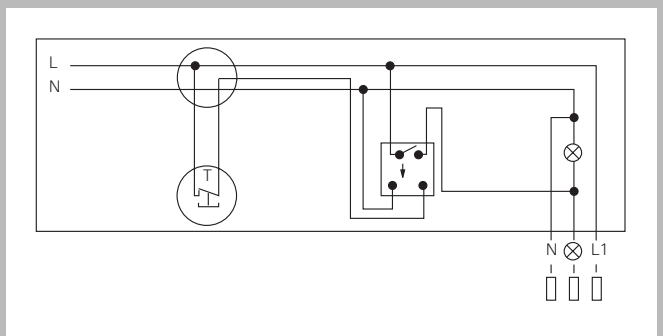
Attention:

Parallel connection does not increase the maximum connected load.



2-way wiring

Existing 2-way switches can be replaced with "T" push buttons (NC contact).



Parallel connection with automatic stairwell-lighting mechanism or remote-control switch

The illumination is switched on either by the automatic stairwell-lighting mechanisms or via the observer.



**Compact presence detector**

1147 02

**Technical data**

Rated voltage:	AC 230 / 240 V ~, 50 / 60 Hz
Operating temperature:	+ 5 to + 35 °C
Contact rating <sup>1</sup> :	- 1000 W light bulbs - 1000 W HV halogen - 750 W Gira Tronic transformers - 750 VA conventional transformers - 500 VA fluorescent lamps, not compensated - 400 VA fluorescent lamps, parallel compensation
<sup>1</sup> Note	Note the high start-up currents with "energy saving lamps". Check suitability of the lamp before use (also see page 491 / i 79).
Max. switching current:	10 A (ohmic)
Max. switch-on current:	35 A (max. 4 sec at 10% ED)
Circuit breaker:	Carry out pursuant to local directives, max. 10 A
Angle of detection:	360°
Number of lenses/detection levels:	80 / 6
Nominal range	
Desk height:	5 m dia.
Floor:	8 m dia.
Installation height for nominal range:	2.5 m (The size of the range of coverage will vary with other installation heights.)
Switch-on time:	Approx. 1 second test mode Approx. 10 sec to 30 min
Brightness:	Approx. 10 to 1000 lux
Recommended number of parallel presence detectors:	Max. 5
Number of auxiliary units	Unlimited
Mechanical push button:	Illuminated push buttons must have a separate N terminal.
Entire length of auxiliary input cable:	Max. 100 m
Entire length of load cables:	Max. 100 m

**Function**

The Compact presence detector reacts to the movement of heat triggered by people, animals and objects. When a movement is detected below an adjustable brightness value, the load is switched on. The device remains switched on as long as further movements are detected and the lighting is required.

The lighting is switched off if one of the following cases occurs:

- No more movement is detected, switch-off occurs after the set switch-on time expires.
- The brightness of the monitored area continuously exceeds at least twice the set value (e.g. due to more daylight), the presence detector shuts off after approx. 10 minutes, even when movement is detected. A flashing LED signals when the set brightness is exceeded.

Several Compact presence detectors can be connected in parallel to expand the detection field

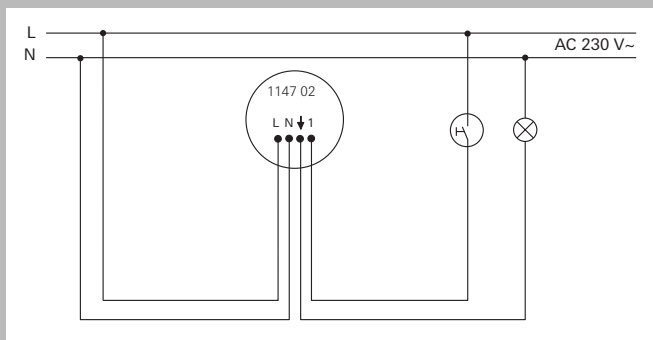
The Compact presence detector is not suitable for alarm systems.

**Connecting presence detectors in parallel**

Several Compact presence detectors can be connected in parallel to expand the range of coverage.

The presence detectors connected in parallel work independently.

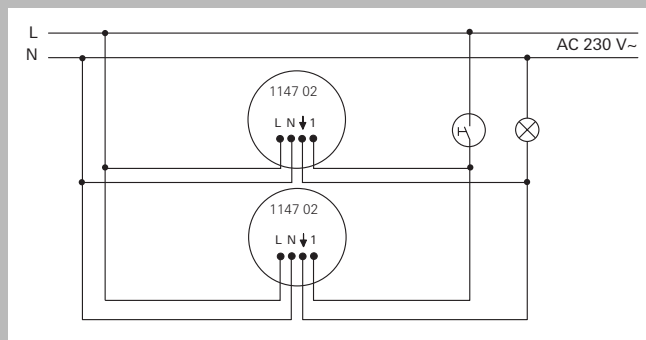
The switch-on time and the minimum brightness are set individually on each presence detector. If one of the parallel connected presence detectors' light (load) is switched on, the other presence detectors detect this with help of the so-called load cable monitoring. In this case the switch-on criterion "Dropping below minimum brightness" is met for all presence detectors. This means as soon as one of the parallel connected presence detectors senses movement in its range of coverage, it will switch on. Further movements within its detection range retrigger its switch-on time.



Connection of Compact presence detector

**Note**

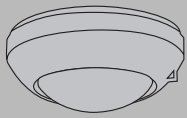
- The lighting can be switched on and off with the push button (NO contact).
- Illuminated push buttons must have a separate N terminal.
- The length of the load cable cannot exceed 100 m. All connection cables between presence detectors and lamps are taken into account.



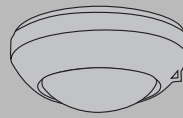
Connection of several Compact presence detectors (parallel connection)

**Note**

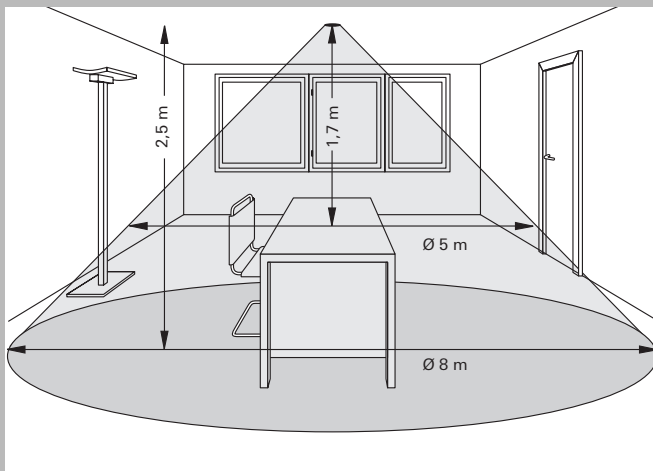
- In practice, no more than 5 presence detectors should be connected in parallel.
- All presence detectors connected in parallel must be operated with the same phase.
- Parallel connection does not increase the maximum connected load.
- The button must be connected to all presence detectors connected in parallel. Otherwise no useful auxiliary input operation is possible


**System 2000 presence detector Comfort top unit**
**0317 02**  
**0317 04**
**Technical data**

Angle of detection:	360°
Nominal range desk height:	Ø 5 m
Nominal range of floor:	Ø 8 m
Installation height for nominal range:	2.5 m
Number of lenses/Detection levels:	80 / 6
Rated voltage:	See System 2000 insert
Contact rating:	See technical data of inserts
Switch-on time:	1 second test mode, Approx. 10 sec to 30 min
Brightness:	Approx. 10 to 1000 lux


**System 2000 automatic control switch 360°**
**2270 02**  
**2270 04**
**Technical data**

Angle of detection:	360°
Nominal range:	Ø 20 m
Installation height for nominal range:	3 m
Number of lenses/detection levels:	78 / 5
Rated voltage:	See System 2000 insert
Contact rating:	See technical data of inserts
Switch-on time:	1 second test mode, Approx. 10 sec to 30 min
Brightness:	Approx. 2 to 80 lux



Detection field

**Function**

A presence detector is used to switch on the light indoors in case of detection, depending on the brightness, and to then switch it off when no longer needed, i.e. it is bright enough without lighting or no one is nearby. The "presence" of a person is detected, depending on the set brightness. A presence detector is capable of evaluating even slight motion (fine movement) as is typical when working in offices.

The presence detector is only mounted to ceilings and monitors an area below it.

The Comfort presence detector reacts to the movement of heat triggered by people, animals and objects. When a movement is detected below an adjustable brightness value, the light is switched on. The device remains switched on as long as further movements are detected and the lighting is required.

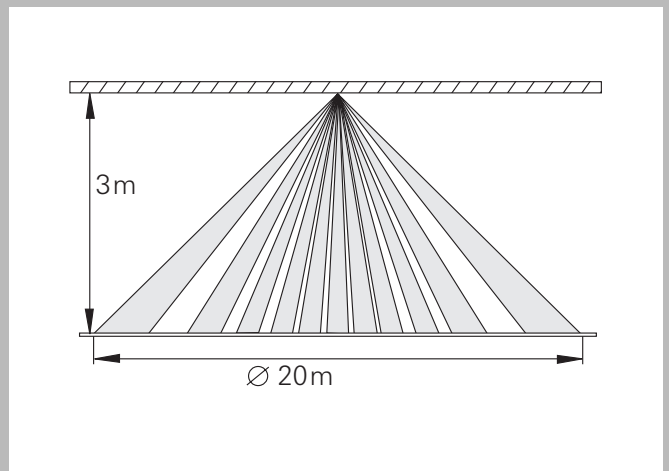
**Constant light control**

When used on a dimming insert, constant light control is possible. This means the lighting is dimmed so that the brightness is held constant at the desired value set on the presence detector.

The lighting is dimmed or switched off when daylight grows stronger. The lighting is switched on or made brighter when daylight weakens. The dimming procedure is designed in such a way that the user hardly even notices the light control.

For expansion of the detection field, the presence detector is combined with an auxiliary insert for presence detectors (3-wire) and connected to the main unit.

The Comfort presence detector is not suitable for alarm systems.



Detection field

**Function**

The automatic control switch 360° will be used together with the System 2000 inserts as of release R2 (check ID on radio actuators). It is built into the ceiling and monitors the area below it.

The automatic control switch 360° switches illumination depending on movement and ambient brightness. For this purpose, the automatic control switch 360° detects movements of heat from people, animals or objects.

- Light is switched on: Brightness has fallen below the set brightness threshold and the monitored area is entered.
- Light is switched off: No more movement is detected and the delay time has expired

**Range of coverage**

The diameter of the range of coverage is dependant on the installation height and the direction of movement. The maximum diameter on the ground is approx. 12 m to 20 m for an installation height of 3 m.

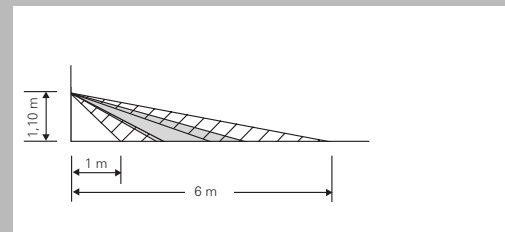
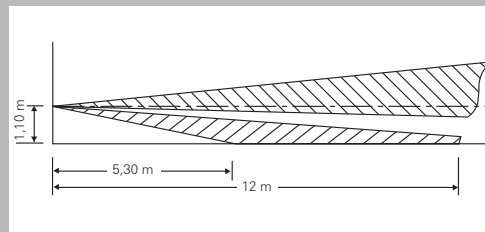
**Further properties**

- Expansion of the range of coverage through use of auxiliary units (accessories).
- Manual operation with auxiliary unit or push button, NO contact.
- Daytime operation.
- Test mode/short-term operation.
- Saving a memory value, with dimming inserts.
- Dimming of the light, with dimming inserts.
- Display LED.

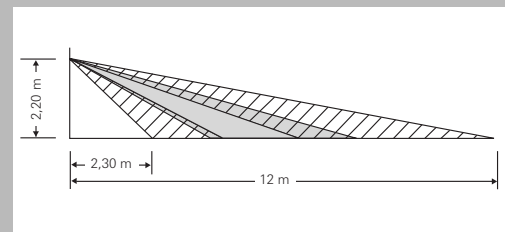
	<b>Standard top unit</b>	<b>Comfort top unit</b>	<b>Standard top unit</b>	<b>Comfort top unit</b>
	1300 ..	0661 ..	1301 ..	0671 ..
Angle of detection:	Approx. 180°	Approx. 180°	Approx. 180°	Approx. 180°
Power-on time:	Approx. 2 min	Approx. 10 sec to 30 min	Approx. 2 min	Approx. 10 sec to 30 min
Brightness value:	Approx. 0 to 80 lux	Approx. 0 to 80 lux	Approx. 0 to 80 lux	Approx. 0 to 80 lux
Sensitivity:	Approx. 20 % to 100 %	Approx. 20 % to 100 %	Approx. 20 % to 100 %	Approx. 20 % to 100 %
Temperature range:	- 20 °C to + 45 °C	- 20 °C to + 45 °C	- 20 °C to + 45 °C	- 20 °C to + 45 °C

Ranges of coverage

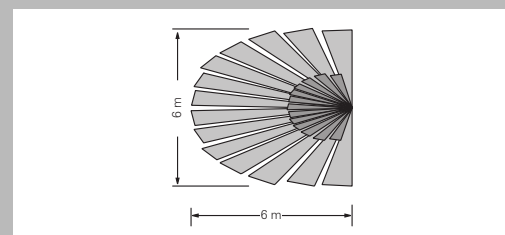
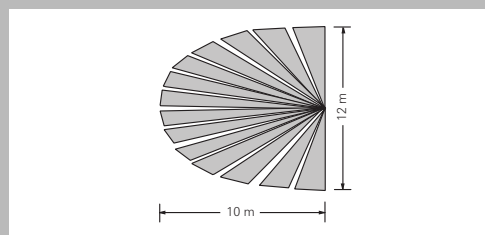
Installation height 1.10 m:



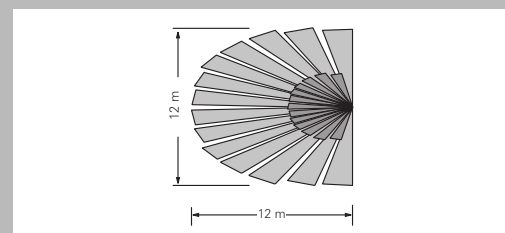
Installation height 2.20 m:



Installation height 1.10 m:

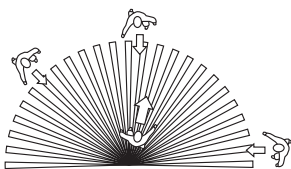


Installation height 2.20 m:

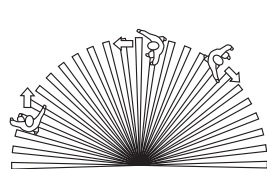


Choosing installation site

unfavourable:



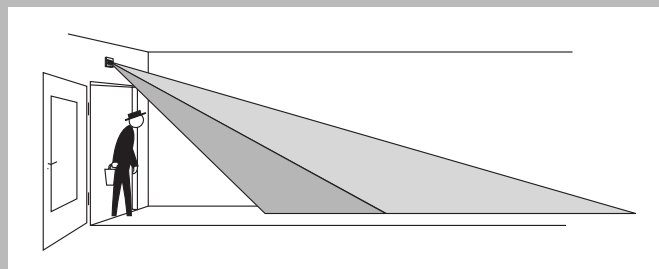
favourable:



Direction of travel and motion detection

In principle, automatic switches can be installed instead of normal light switches, for example, directly next to entry doors.

Motion detection is best, however, when the moving object interrupts as many detection beams as possible. The installation position should thus be chosen accordingly.



Installation over a door (not ideal)

Positioning over a door in the monitored room is not always ideal if it is necessary to walk a few steps into a dark corridor before the detection field is reached.

It is better in this case to install further into the room, so that the door lies at the edge of the range of coverage.

**Planning tips for radio bus system**

**You can achieve optimum radio connections and fully make use of the ranges of radio components by observing the following ground rules:**

- The antennae of the transmitters and receivers should, to the greatest extent possible, all be aligned vertically or horizontally.
- The length of antennae may not be changed, as they are perfectly matched to the wavelength of the frequency.
- Large metal surfaces, such as metal doors and frames, aluminium blinds or metal cabinets should be kept at a great a distance as possible (several decimetres).
- A minimum distance of 10 cm is to be maintained between two receivers.
- A minimum distance of 30 cm is to be maintained between transmitters and receivers.
- Electronic devices, such as motors, electronic control gear and Tronic transformers, must be kept at least 50 cm away.
- Radio components of other function groups, e.g. radio headphones or cordless telephones, must be kept at least 3 m away.

**When selecting the installation site, you should also observe the following items in particular:**

- We recommend checking the planned system in the building with the respective devices (e.g. from the radio presentation case) for a reliable radio connection before using radio components. Here, you should also take the state of construction of the building, e.g. degree of drying out of spackle and plaster, and the existing doors and armour or hangings of the windows into account.
- Transmitters and receivers are not to be mounted near the ground. We recommend not mounting it lower than 0.5 m from the ground.
- Transmitters and receivers are not to be installed behind metal or conductive surfaces, such as anti-static floors, sounding with metal cladding, cable lines, metal louvered ceilings and hot-water and electrical floor heating.
- To correct irregular reception, it is often sufficient to move the transmitter or receiver a few centimetres. This reception interference often occurs due to shadowing, obliteration, or reflections of the radio signal as sometimes occur with car radios and mobile telephones, for example.

**Reliable radio signal transmission is also supported by the fact that the radio channel cannot be burdened too heavily.**

- When using radio receivers, no other radio transmitter may be operated so as to avoid telegram overlapping.
- Within a single "radio zone", a radio telegram may only be repeated via a repeater. Otherwise, telegram overlapping would occur here as well. The repeater should be installed in a sensible place, i.e. halfway between the transmitter and receiver.
- No more than eight presence detectors should be used within a "radio zone". With constant presence in all detection areas of these signallers, the radio channel could be heavily burdened due to the high frequency of telegrams from the presence detectors.

**Taking the following product specifications into account supports reliable telegram transmission in the radio bus system:**

- The radio presence detector may only be operated with alkaline batteries, as only these have sufficient pulse current capacity.
- The push button cables of the multiple-function transmitter may only be extended to max. 5 m with paired, twisted cables for each input and a cross section of approx. 0.2 mm<sup>2</sup>. Unused cables must be insulated.
- A repeater should be installed as close as possible to the midpoint between transmitters and receivers and also not near other transmitters or receivers. A minimum distance of 1 m should be heeded here to prevent saturation.

**Radio bus system**

**Radio bus system**  
Radio transmission occurs on a non-exclusive transmission path, and interference cannot be excluded for this reason. The radio transmission is thus not suitable for security purposes, e.g. emergency-stop, emergency call etc.

If walls and ceilings are to be penetrated along the transmission path (Fig. 1), the radio range depends considerably on the type of construction materials to be penetrated and the effective wall thickness. The table shows the capability of radio signals to penetrate different materials.

Dry material	Penetration
Wood, plaster, sheetrock	approx. 90 %
Brick, pressboard	approx. 70 %
Reinforced concrete	approx. 30 %
Metal, metal screens, aluminum cladding	approx. 10 %

Attention: Moisture in the material reduces penetration

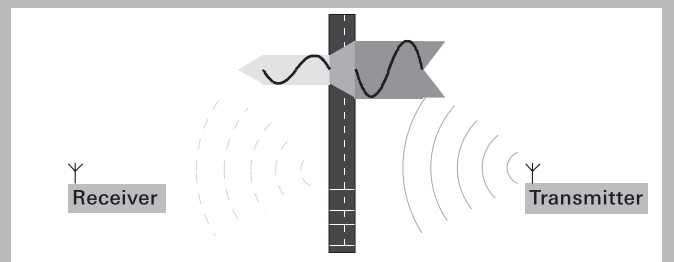


Fig. 1: Attenuation reduces the strength of the radio signal

Due to this multitude of influences, the evaluation of radio paths in buildings is very difficult. For this reason, the range specified in the free field (Fig. 2) refers to uninfluenced dissemination of the radio waves and optimally aligned antennae. In general, this is 100 m for radio bus systems.

Requirements for the measurement of field ranges:

- level area
- horizontal distance to interfering objects from each point of the line connecting the transmitter and receiver > 20 m
- height of the measured objects above the ground > 2 m
- alignment of the measured objects for optimum contact
- moist ground

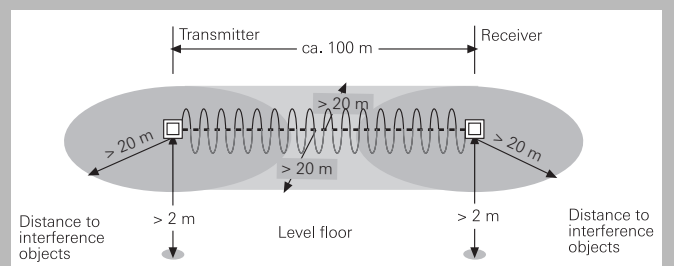


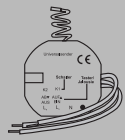
Fig. 2: Measurement of the range

**Dependence of the transmission ranges on the installation height:**

Theoretical transmission ranges	Installation height of the receiver
100 m	>2 m
56 m	1.5 m
34 m	1.0 m
28 m	0.8 m
23 m	0.6 m
18 m	0.4 m
13 m	0.2 m

Conditions:

- The installation height of the transmitter is 2 m
- Moist ground



**Radio universal transmitter 2**

**0521 00**

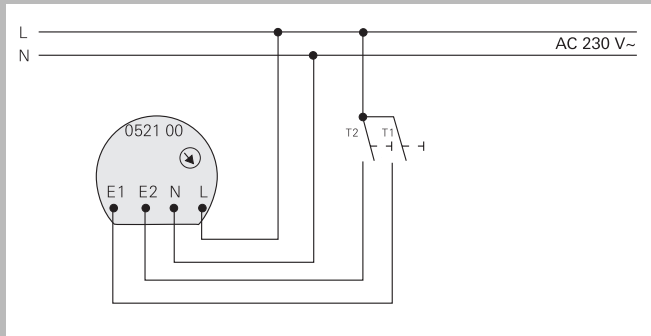
**Technical data**

Power supply:	230 V AC, 50 Hz
Transmission range:	Approx. 100 m (in free field)
Temperature range:	-20 °C to +55 °C
Dimensions (Ø x H):	52 x 23 mm
Protection type:	IP 20

**Operating modes**

**The radio universal transmitter has three operating modes:**

- Mode 1: 2-channel dimming (E1 and E2)
- Mode 2: 2-channel switching (E1 and E2)
- Mode 3: 1-channel blind or dimming (E1/E2)



Connection of conventional push buttons (NO contacts T1, T2).

The following operating modes can be set with the connection of conventional push buttons:

**Mode 1: 2-channel dimming**

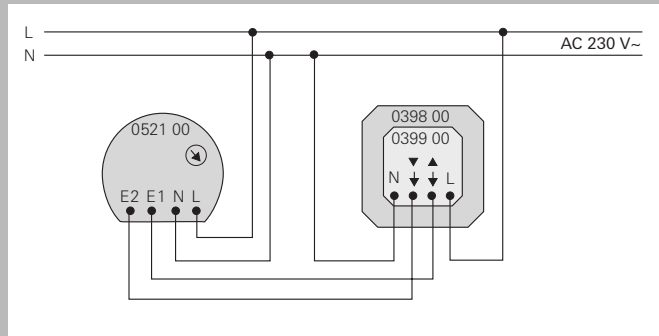
For independent control of two radio dimming actuators. Pressing the push button leads to switching (toggling) of the telegram type in the transmitter.

**Mode 2: 2-channel switching**

For independent control of two radio switching actuators. The "Bell operation" special function is carried out. When the push button is closed, the universal transmitter sends switch-on telegrams, and when it is opened, switched-off telegrams.

**Mode 3: 1-channel dimming**

For controlling a radio dimming actuator. T1: switch on, brighter on or T2: switch off, dim.



Connection of a blind switch

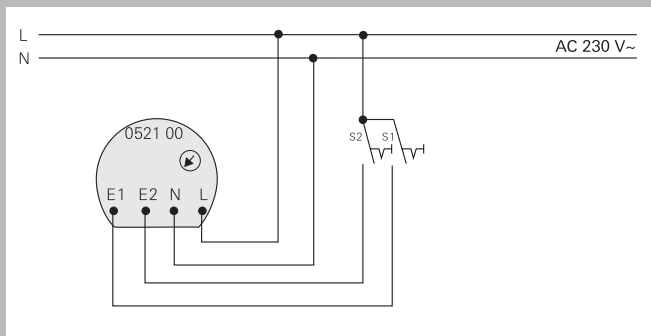
The following operating mode can be set when blind switches or a blind control insert is connected:

**Note:**

The radio universal transmitter may not be connected parallel to a blind motor.

**Mode 3: 1-channel blinds**

For controlling a radio blind actuator. The universal transmitter sends blind telegrams (brief/long-time operation) for a channel.



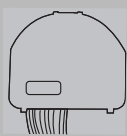
Connection of conventional switches (NO contacts S1, S2).

The following operating mode can be set with the connection of conventional switches:

**Mode 2: 2-channel switching**

For independent control of two radio switching actuators. The universal transmitter sends switch-on telegrams for closing and switch-off telegrams for opening.

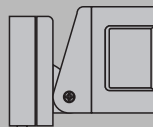




**Radio multi-purpose transmitter 4-gang**  
0441 00

**Technical data**

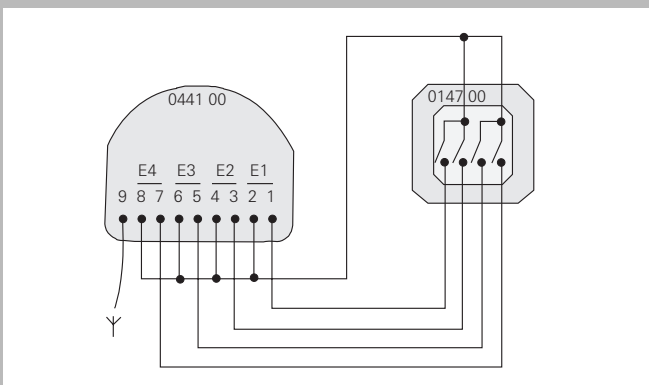
Power supply:	3 V DC
Battery:	1 x Lithium cell CR 2032
Length of connection lines:	Approx. 30 cm
Transmission range:	Max. 100 m (in free field)
Temperature range:	-20 °C to +55 °C
Relative humidity:	Max. 65 % (without condensation)
Protection type:	IP 20
Dimensions (L x W x H):	45 x 40 x 10 mm



**Radio controlled observer 180/16**  
0826 02

**Technical data**

Rated voltage:	9 V DC
Battery type:	9 V monobloc battery
Power consumption daytime operation:	Approx. 0.14 mW
night time operation:	Approx. 0.27 mW
radio transmission:	Approx. 27 mW
Range:	Approx. 100 m (free field)
Detection radius:	180°
Detection field:	16 m x 32 m
Installation height:	Approx. 2.40 m
Sensitivity:	20 % to 100 %
Working range:	3 to 100 Lux, ± 50 % normal sensor operation: 80 Lux sensor retriggering: 200 Lux
Sensor is off:	> 200 Lux
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Note:	The radio controlled observer is not tamper-proof and is thus not suitable for use in alarm systems.



Connection of radio multi-function transmitter to 4-gang push rocker insert

**Function**

The radio multi-purpose transmitter is a battery-operated 4-channel radio transmitter. At the four inputs, E1 through E4, it detects switching states of zero-voltage installation switches or buttons.

**Operating modes**

A 5-gang micro-switch enables the selection of 8 different operating modes.

- single-surface operation with installation push buttons
- double-surface operation with installation push buttons
- connection of installation switches (NO contact)
- connection of installation switches (NC contact)
- all ON, all OFF, light scenes 1 and 2
- all OFF, light scene 1 to 3
- all OFF, light scene 3 to 5
- light scene 1 to 4

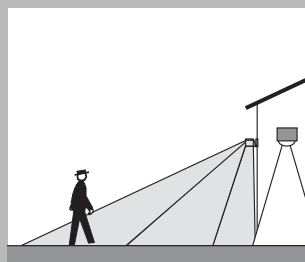
**Operation**

**Single-surface operation:**  
Connection of a push button to a cable pair of the multiple-function transmitter. The operating area of the button is used for switching on and off or to brighten or dim the light.

**Double-surface operation:**  
Connection of, for example, a double push button to two cable pairs of the multiple-function transmitter. One operating area is used for switching on, brightening or moving a blind up, while the other operating area is used for switching off, dimming or moving a blind down.

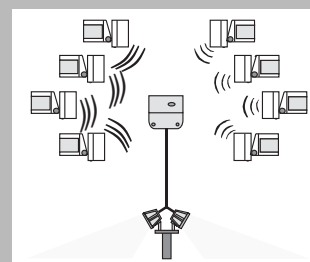
**Note**

The push button cable of the radio multiple-function transmitter may only be extended to max. 5 m with paired, twisted cables for each input and a cross section of approx. 0.2 mm<sup>2</sup>.

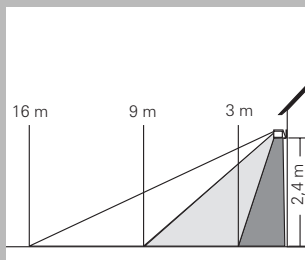


**Function**

The radio controlled observer responds to movements of heat triggered by people, animals and objects and transmits this information to the radio power section. The radio power section evaluates the information and switches the device(s) on.



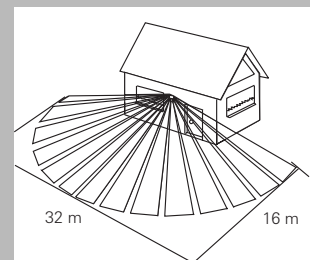
The radio controlled observer is operated with a 9 V block battery and therefore requires no supply line. Visual indicators signal the response of the devices. The device remains switched on as long as movements are detected. Otherwise, it switches the radio power section off after the set delay time.



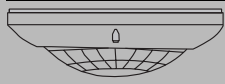
**Detection field of radio controlled observer**

The radio controlled observer has a tight, half circle-shaped detection field with three levels and 144 switching segments.

The specified range refers to the installation height 2.40 m.



The three monitoring levels are defined as follows:  
Immediate area: approx. 0 m to 3 m  
Mid-range area: approx. 3 m to 9 m  
Distant area: approx. 9 m to 16 m

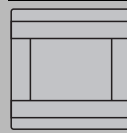


**Radio presence detector**

0318 02  
0318 04

**Technical data**

Rated voltage:	6 V DC
Batteries:	4 x 1.5 V Micro LR03 (AAA) alkaline
Note:	Do not use zinc-carbon batteries (R 03) or accumulators.
Transmission range:	Max. 100 m in free field
Angle of detection:	360°
Installation height for	2.5 m
Nominal range:	Approx. Ø 5 m (desk height)
Nominal range:	Approx. Ø 8 m (floor)
Delay time:	Approx. 2 minutes to 1 hour
Brightness:	Approx. 3 to 2000 lux
Temperature range:	0 °C to 45 °C
Protection type:	IP 20
Dimensions Ø x H:	103 x 42 mm

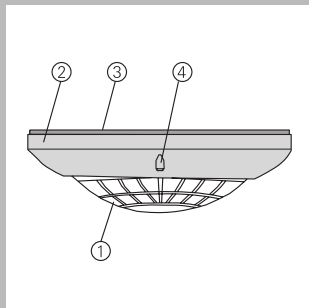


**Radio automatic control switch**

1306 ..

**Technical data**

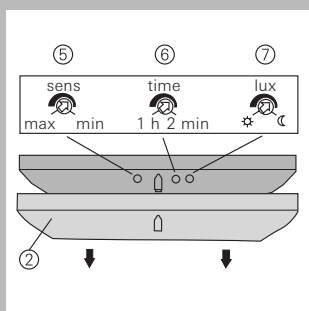
Rated voltage:	3 V DC
Battery:	Lithium round cell (CR 2450)
Transmission range:	Max. 60 m (free field)
Brightness threshold:	0 Lux to 80 Lux; and daytime operation
Operating temperature:	+5 °C to +35 °C
Relative humidity:	Max. 65 % (without condensation)
Protection type:	IP 20
Angle of detection:	Approx. 180°
Detection field:	Approx. 10 m x 12 m
Installation height:	1.10 m



Presence detector device description

**The presence detector consists of:**

- ① Sensor window with adjacent LED
- ② Ornamental ring
- ③ Base plate
- ④ Button



Arrangement of controllers

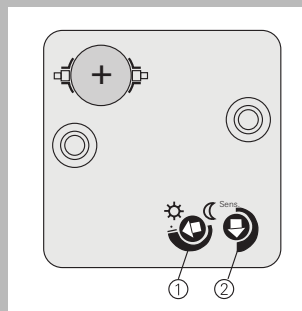
**Three controllers are found under the ornamental ring ② and are use to set:**

- ⑤ Sensitivity
- ⑥ Time duration
- ⑦ Desired brightness value

**Installation site selection**

The presence detector is mounted to the ceiling of the room and monitors an area below it. The actual brightness value measured at the presence detector consists of the reflected artificial light and daylight and depends on the reflective properties of the surface. Avoid direct sunlight in the sensor window. This can damage the sensors.

The detection field can be confined with the included clip-on screen. Mount the presence detector in a vibration-free spot and not directly near sources of heat (e.g. lights, radiators), fans or ventilation shafts. Cooling lighting elements or movements of air (e.g. due to opened window) can be detected and cause undesired switch-on.



Back of the radio automatic control switch

**On the back of the radio automatic control switch there are 2 potentiometers for setting of:**

- ① Brightness threshold
- ② Sensitivity

**Function**

The radio automatic control switch reacts to the movement of heat triggered by people, animals and objects. It sends a radio telegram when corresponding darkness occurs. The telegram is evaluated from all switching and dimming actuators as well as the radio power section.

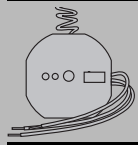
The actuators switch the connected lighting on and remain switched on as long as movements are detected. Otherwise they are switched off after expiration of a delay time. The delay time is approx. 1 min for radio switching or dimming actuators.

**Behaviour of controlled radio actuators**

If the automatic control switch telegram is received by switching actuators that are first manually switched on, the lighting will not be switched off by the automatic control switch after expiration of the delay time. Switching off must be done manually.

If the automatic control switch telegram is received by activated dimming actuators in which a manually set lighting brightness is different than the stored switch-on brightness, the memory value is produced when the telegram is received as long as movement is detected. After expiration of the delay time, the manually set brightness is established once again.

If the setpoint brightness is exceeded by manually switching on the lighting before an initial detection has taken place, no motion detection will be carried out.



**Radio switching actuator mini 0413 00**

**Radio momentary-contact actuator mini 0565 00**

**Technical data**

Rated voltage:	230 V AC, 50/60 Hz
Switching contact:	Relais, $\mu$ contact, 8 A
Contact rating:	<ul style="list-style-type: none"> <li>- 1000 W light bulbs</li> <li>- 1000 W HV halogen</li> <li>- 750 VA LV halogen with conventional transformer with at least 85 % rated load</li> <li>- 750 W LV halogen with Gira Tronic transformer</li> <li>- 500 VA fluorescent lamps, not compensated</li> <li>- 400 VA fluorescent lamps, parallel comp. (47 <math>\mu</math>F)</li> <li>- 1000 VA fluorescent lamps, duo-circuit</li> </ul>
Circuit breaker:	10 A
Temperature range:	-20 °C to +55 °C
Relative humidity:	Approx. 0 % to 65 %
Protection type:	IP 20
Dimensions ( $\varnothing$ x H):	52 x 23 mm
Central hole:	$\varnothing$ 7.5 mm

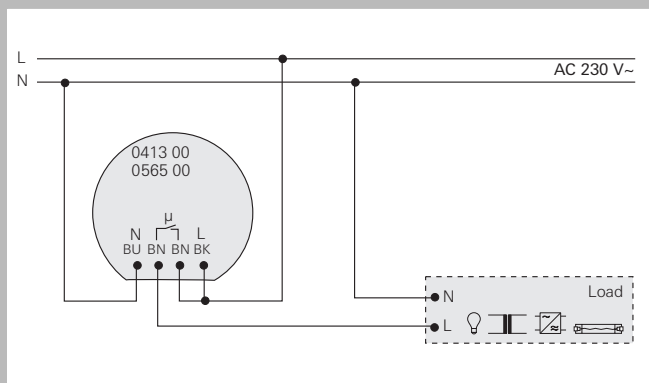


**Radio switching actuator mini 2 channel**

**0424 00**

**Technical data**

Rated voltage:	230/240 V AC, 50/60 Hz
Switching contacts:	Relay 6 A (only with ohmic load)
Contact rating per channel:	<ul style="list-style-type: none"> <li>- 350 W light bulbs</li> <li>- 300 W HV halogen</li> <li>- 350 VA LV halogen w/ conv. transformer with at least 85 % rated load</li> <li>- 300 W LV halogen with Gira Tronic transformer</li> <li>- 350 VA fluorescent lamps uncompensated</li> </ul>
Circuit breaker:	10 A
Number of possible transmitters:	Max. 7 per channel
Temperature range:	-20 °C to +55 °C
Relative humidity:	0 % to 65 %
Protection type:	IP 20
Dimensions ( $\varnothing$ x H):	52 x 23 mm
Central hole:	$\varnothing$ 7.5 mm



Connection of radio switching actuator, mini

**Switching socket outlets**

When switching socket outlets with the radio switching actuator, the socket outlet circuit must be fuse-protected with a 10 A circuit breaker and the socket outlet must be marked.

**Energy saving lamps**

Energy saving lamps generate very high current spikes during switch-on, which could lead to gluing of the switching contact. For this reason, check the suitability of the lamps before using them (see also page 491 / **i** 79).

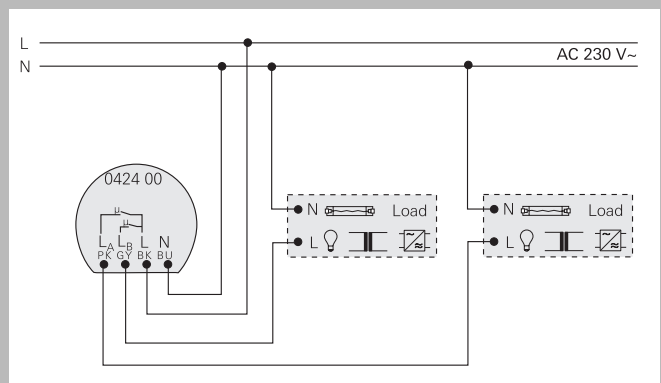
**Note**

The NO contact is only isolated from the phase with a base insulation inside the device, and therefore only the following load potentials can be connected:

- functional extra-low voltage (FELV)
- a phase L (230 V AC) to neutral conductor N

**Warning**

**Do not connect safety extra-low voltage (SELV), as the level of protection is negatively affected by this. Do not connect device to different external conductors.**



Connection of radio switching actuator, mini, 2-channel

**Switching socket outlets**

When switching socket outlets with the radio switching actuator, the socket outlet circuit must be fuse-protected with a 10 A circuit breaker and the socket outlet must be marked.

**Energy saving lamps**

Energy saving lamps generate very high current spikes during switch-on, which could lead to gluing of the switching contact. For this reason, check the suitability of the lamps before using them (see also page 491 / **i** 79).

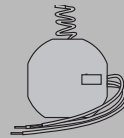


Radio switching actuator

0404 00

**Technical data**

Voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay 10 A
Contact rating:	<ul style="list-style-type: none"> <li>- 2300 W light bulbs</li> <li>- 2300 W HV halogen</li> <li>- 1000 VA LV halogenlamps w/ conv. transformer</li> <li>- 1500 W LV halogen with Gira Tronic transformer</li> <li>- 1200 VA fluorescent lamps uncompensated</li> <li>- 920 VA fluorescent lamps parallel compensated</li> <li>- 2300 VA fluorescent lamps duo-circuit</li> </ul>
Temperature range:	-20 °C to +55 °C
Dimensions:	175 x 42 x 18 mm

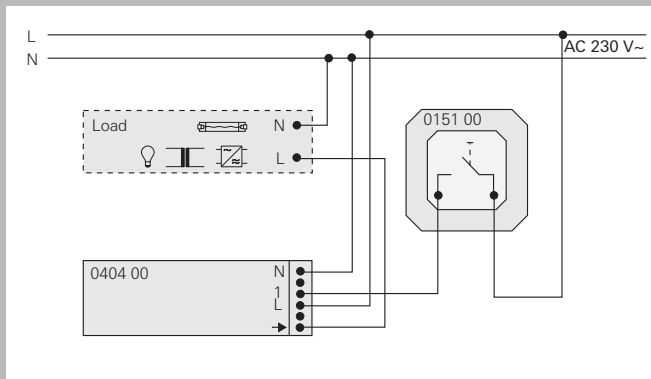


Radio blind actuator mini

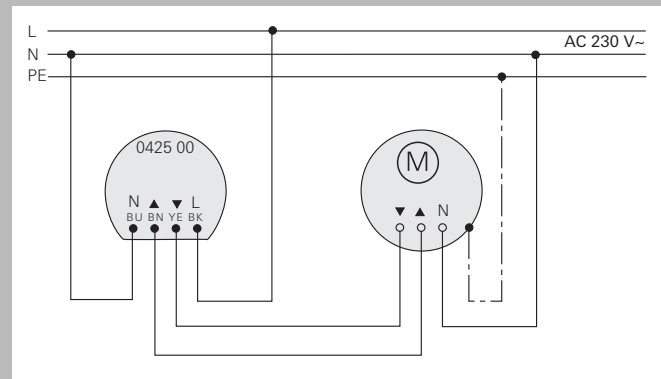
0425 00

**Technical data**

Rated voltage:	230 V AC, 50/60 Hz, (N conductor required)
Contact rating:	Max. one motor 700 VA
Relay output:	Two NO contacts (equipotential bonding and locked against one another)
Circuit breaker:	10 A
Switching time with directional change:	Approx. 1 second
Extended run:	Approx. 2 min
Temperature range:	-20 °C to +55 °C
Relative humidity:	0 % to 65 %
Protection type:	IP 20
Dimensions (Ø x H):	52 x 23 mm
Central hole:	Ø 7.5 mm



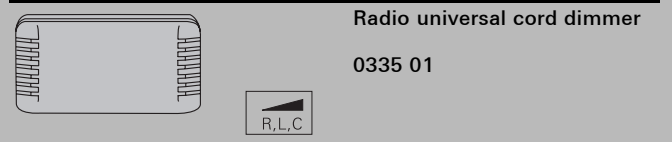
Connection of radio switching actuator with auxiliary unit



Connection of radio blind actuator, mini

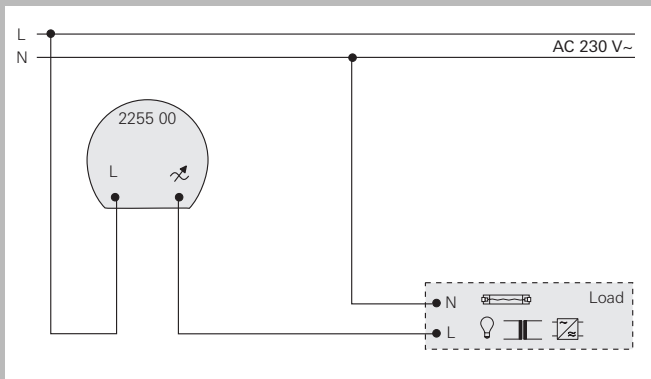
**Energy saving lamps**

Energy saving lamps generate very high current spikes during switch-on, which could lead to gluing of the switching contact. For this reason, check the suitability of the lamps before using them (see also page 491 / **i** 79).

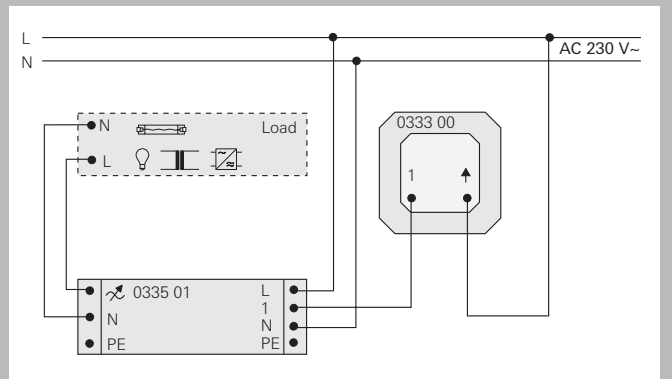


Technical data	
Rated voltage:	230 V AC, 50/60 Hz,
Connected load:	50 to 420 W/VA
Relay output:	<ul style="list-style-type: none"> <li>- 230 V light bulbs, ohmic load, <b>trailing</b> edge</li> <li>- HV halogen, ohmic load, <b>trailing</b> edge</li> <li>- Gira Tronic transformers, capacitive load, <b>trailing</b> edge or</li> <li>- Conventional transformers, inductive load, leading edge mixed loads of specified load types (not capacitive with inductive loads).</li> </ul> <p>For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen lamps). Two NO contacts (equipotential bonding and locked against one another)</p>
Temperature range:	0 °C to +45 °C
Relative humidity:	15 % to 50 %
Protection type:	IP 20
Dimensions (∅ x H):	52 x 27 mm

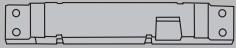
Technical data	
Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 315 VA
Relay output:	<ul style="list-style-type: none"> <li>- 230 V light bulbs (ohmic load, <b>trailing</b> edge)</li> <li>- HV halogen (ohmic load, <b>trailing</b> edge)</li> <li>- Gira Tronic transformers (capacitive load, <b>trailing</b> edge) or</li> <li>- Conventional transformers (inductive load, <b>leading</b> edge)</li> <li>- Mixed loads of the specified load types (<b>do not mix capacitive with inductive loads!</b>).</li> </ul> <p>For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).</p>
Power boosts to be connected:	Max. 10
Temperature range:	0° C to +55 °C
Protection type:	IP 20
Dimensions (L x W x H):	126 x 60 x 28 mm



Connection of radio universal dimmer mini



Connection of radio universal cord dimmer with auxiliary unit

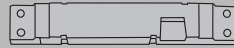


**Radio universal dimmer  
in surface-mounted  
installation housing**

0809 00

**Technical data**

Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 315 VA
	- 230 V light bulbs (ohmic load, <b>trailing</b> edge)
	- HV halogen (ohmic load, <b>trailing</b> edge)
	- Gira Tronic transformers (capacitive load, <b>trailing</b> edge) or
	- Conventional transformers (inductive load, <b>leading</b> edge)
	- Mixed loads of the specified load types ( <b>do not mix capacitive with inductive loads!</b> ). For mixed loads with conventional transformers, do not exceed a 50 % ohmic load (light bulbs, HV halogen).
Power boosts to be connected:	Max. 10
Auxiliary unit quantity:	Unlimited
Cable recommendation for effective strain relief:	H 05 VV-F 3 x 1.5
Temperature range:	0 °C to +55 °C
Protection type:	IP 20
Dimensions (L x W x H):	187 x 28 x 28 mm

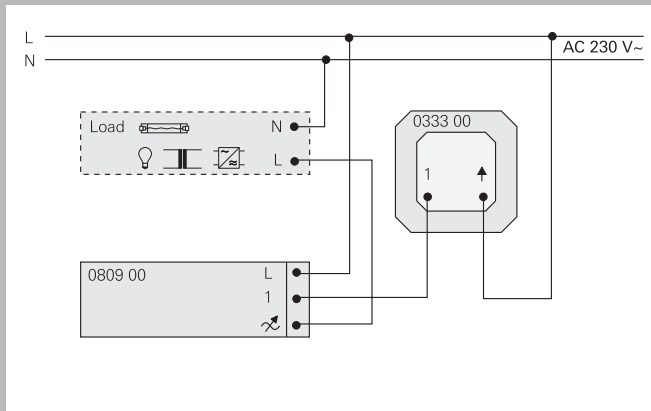


**Radio control unit  
1-10 V in surface mounted  
installation housing**

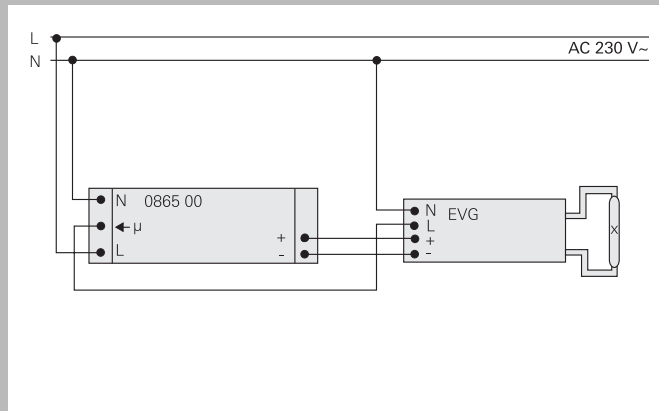
0865 00

**Technical data**

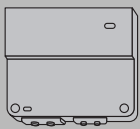
Power supply:	230 V AC, 50/60 Hz
Control voltage:	1-10 V
Control current:	Max. 15 mA
Electrical isolation 1-10 V:	2 kV base insulation
Switching contact:	μ relay contact
Connected load:	- max. 1800 W ohmic load - electronic ballast and transformer are type-dependent
Circuit breaker:	10 A
Temperature range:	0 °C to +55 °C
Dimensions (L x W x H):	187 x 28 x 28 mm



Connection of radio universal dimmer with auxiliary unit



Connection of radio control unit

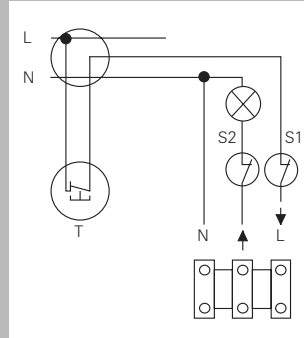


**Surface-mounted radio power section**

**0843 02**

**Technical data**

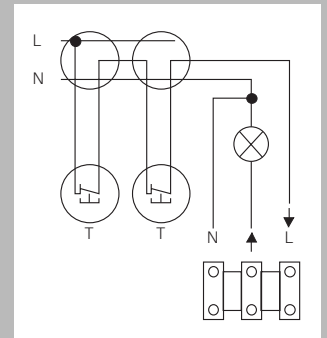
Rated voltage:	230 V AC, 50/60 Hz
Switching contact:	Relay
Contact rating:	<ul style="list-style-type: none"> <li>- 2300 W light bulbs</li> <li>- 2300 W HV halogen</li> <li>- 1000 W LV halogen with w/ conv. transformer</li> <li>- 1500 W LV halogen with Gira Tronic transformer</li> <li>- 1200 W fluorescent lamps, not compensated</li> <li>- 920 WA fluorescent lamps, parallel compensation</li> <li>- 2300 W fluorescent lamps, duo-circuit</li> </ul>
Note:	Note the high switch-on current spikes with "energy saving lamps". Check suitability of the lamps before use!
Circuit breaker:	10 A
Switch-on current:	Max. 20 A
Switch-on time:	Approx. 10 sec. to 15 min. ± 10 %, retriggering
Brightness setting:	Approx. 3 to 80 Lux, ± 10 %
Additional function:	<p>pulse duration 200 to 600 ms time between pulses: 600 ms</p> <ol style="list-style-type: none"> <li>1. Function 1 x pulse, on = switch-on time T</li> <li>2. Function 2 x pulse, on = 2 h, ± 10 %</li> <li>3. Function 3 x pulse, off = 2 h, ± 10 %</li> </ol>
Temperature range:	-25 °C to +55 °C
Protection type:	IP 55
Dimensions (W x H x D):	110 x 94 x 38 mm



**Switch-off of the radio power section**

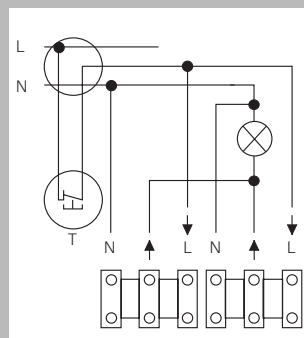
The radio power section is to be deactivated with switch S1 or S2.

Switch S1 triggers switching when the radio power section is switched on again, while S2 does not.



**2-way wiring**

Existing 2-way switches can be replaced with "T" push buttons (NC contact).

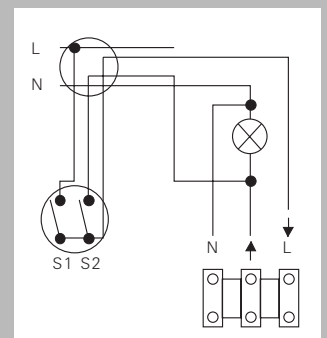


**Connection of several radio power sections to one device**

Push button "T" (NC contact)

**Attention:**

Parallel connection does not increase the maximum connected load.

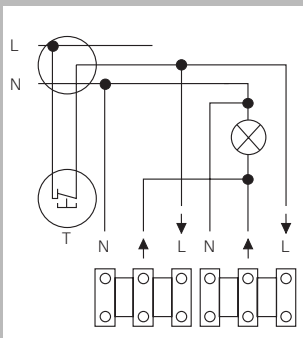


**Automatic manual operation with series switch**

S1 open, S2 open: all off.

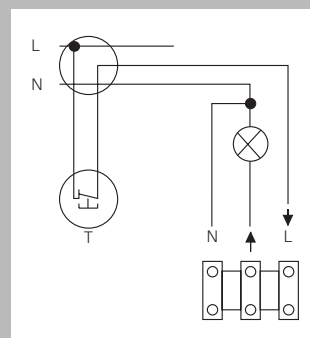
S1 closed, S2 open: normal automatic mode.

S1 closed, S2 closed: continuous light, manual operation, radio power section deactivated.



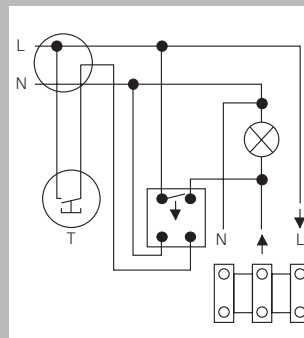
**Connection of radio power section and devices**

Existing installation



**Connection of the radio power section**

Replace existing switch "S" with "T" push button (NC contact). Actuating the push button for at least 200 ms triggers switching of the radio power section.



**Parallel connection with automatic stairwell-lighting mechanism or remote-control switch**

The illumination is switched on either by the automatic stairwell-lighting mechanisms or via the radio controlled observer.



**Radio reception module DRA**

1133 00

**Technical data**

Power supply:	230 V AC, 50/60 Hz
Screw terminals:	- 1.5 to 4 mm <sup>2</sup> single-wire - 0.75 to 4 mm <sup>2</sup> fine-wire (without core jacket) - 0.5 to 2.5 mm <sup>2</sup> fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	2 depth module

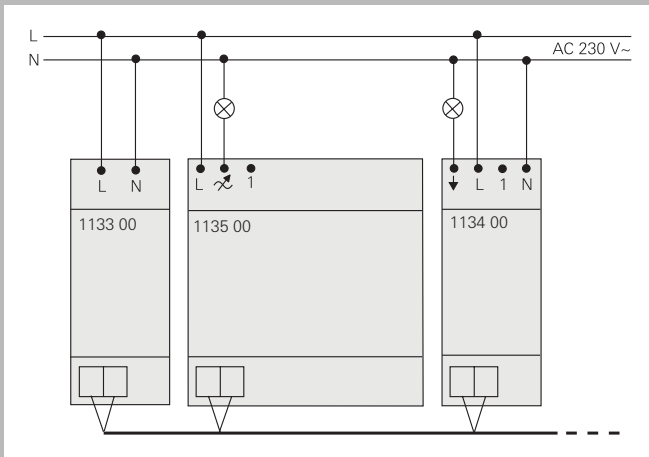


**Radio switching actuator 1-gang DRA**

1134 00

**Technical data**

Power supply:	230 V AC, 50/60 Hz
Switching contact:	Relay 10 A
Contact rating	- 2300 W light bulbs - 2300 W HV halogen - 1000 VA LV halogen with conventional transformer - 1500 W LV halogen with Gira Tronic transformer - 1200 VA fluorescent lamps, not compensated - 920 VA fluorescent lamps, parallel compensation - 2300 VA fluorescent lamps, dual switching
Screw terminals:	- 1.5 to 4 mm <sup>2</sup> single-wire - 0.75 to 4 mm <sup>2</sup> fine-wire (without core jacket) - 0.5 to 2.5 mm <sup>2</sup> fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	2 depth module



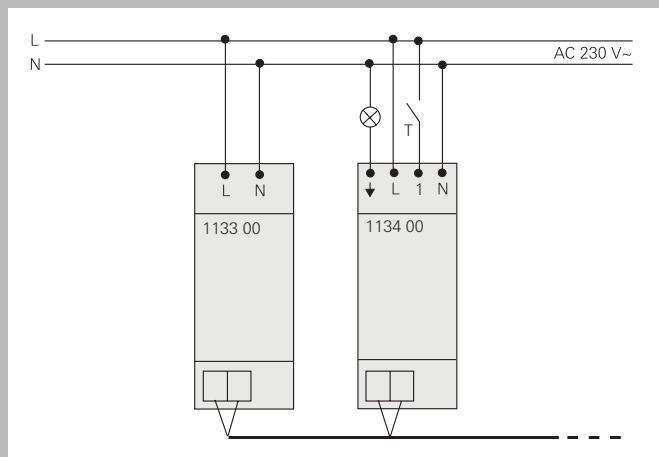
Radio reception module DRA connection

**Installation and connection**

Clip the DRA radio reception module to the DRA cap rail. Connect the device with the DRA radio actuators to a bus cable via the connection terminals. The bus cable must be a shielded cable (with twisted wires and a cable diameter of 0.8 mm). Examples of permissible bus cables: YCM 2 x 2 x 0.8 or J-Y(St)Y 2 x 2 x 0.8

**Note**

The entire length of the bus cable to the radio DRA actuators may not exceed 3 m. The polarity of the individual bus cables may not be reversed. Up to 30 radio DRA actuators may be connected to a DRA radio reception module.



Radio switching actuator DRA connection

**Auxiliary unit connection**

With a T push button (NO contact) as the auxiliary unit (230 V), the radio switching actuator can be switched on and off back and forth. If the button is actuated longer than 4 sec., programming mode is activated.



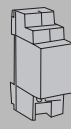


**Radio switching actuator  
4-gang DRA  
with manual activation**

**1155 00**

**Technical data**

Power supply:	230 V AC, 50/60 Hz
Switching contact:	Relay 10 A
Contact rating:	<ul style="list-style-type: none"> <li>- 2300 W light bulbs</li> <li>- 2300 W HV halogen</li> <li>- 1000 VA LV halogen with conventional transformer</li> <li>- 1500 W LV halogen with Gira Tronic transformer</li> <li>- 1200 VA fluorescent lamps, not compensated</li> <li>- 920 VA fluorescent lamps, parallel compensation</li> <li>- 2300 VA fluorescent lamps, dual switching</li> </ul>
Screw terminals:	<ul style="list-style-type: none"> <li>- 1.5 to 4 mm<sup>2</sup> single-wire</li> <li>- 0.75 to 4 mm<sup>2</sup> fine-wire (without core jacket)</li> <li>- 0.5 to 2.5 mm<sup>2</sup> fine-wire (with core jacket)</li> </ul>
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	4 depth module

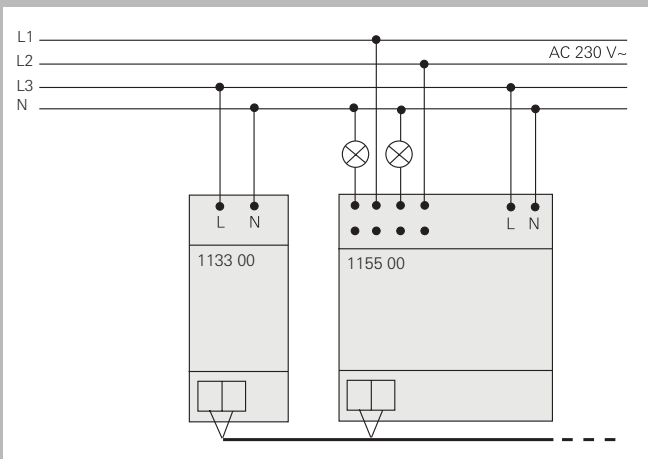


**Radio blind actuator 1-gang  
DRA**

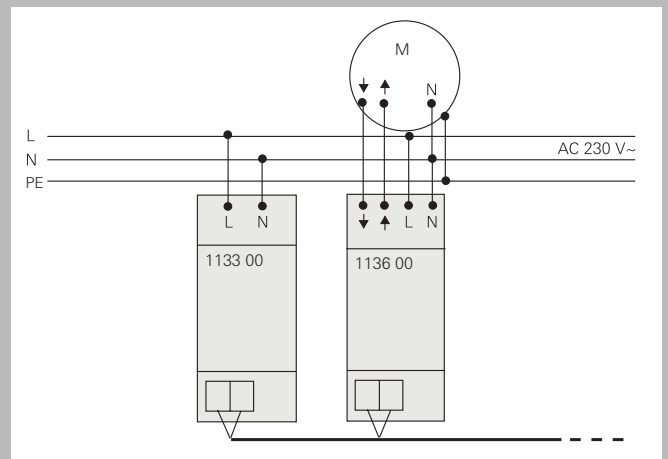
**1136 00**

**Technical data**

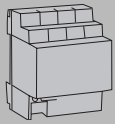
Power supply:	230 V AC, 50/60 Hz
Circuit breaker:	10 A
Contact rating:	Max. 700 VA
Relay output:	Two NO contacts (with equipotential bonding and locked against one another)
Screw terminals:	<ul style="list-style-type: none"> <li>- 1.5 to 4 mm<sup>2</sup> single-wire</li> <li>- 0.75 to 4 mm<sup>2</sup> fine-wire (without core jacket)</li> <li>- 0.5 to 2.5 mm<sup>2</sup> fine-wire (with core jacket)</li> </ul>
Switching time with directional change:	Approx. 1 second
Extended run:	Approx. 2 min
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	2 depth module



Radio switching actuator DRA connection



Radio blind actuator DRA connection

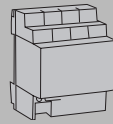


**Radio universal dimming actuator, 1-gang DRA**

1135 00

**Technical data**

Power supply:	230 V AC, 50/60 Hz
Connected load:	50 to 400 W/VA - 230 V light bulbs (ohmic load, <b>trailing</b> edge) - HV halogen (ohmic load, <b>trailing</b> edge) - Gira Tronic transformers (capacitive load, <b>trailing</b> edge) or - Conventional transformers (inductive load, <b>leading</b> edge) - Mixed loads of the specified load types ( <b>do not mix capacitive with inductive loads!</b> )
Screw terminals:	- 1.5 to 4 mm <sup>2</sup> single-wire - 0.75 to 4 mm <sup>2</sup> fine-wire (without core jacket) - 0.5 to 2.5 mm <sup>2</sup> fine-wire (with core jacket)
Power boosts to be connected:	Max. 10
Auxiliary unit quantity:	Unlimited
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	4 depth module

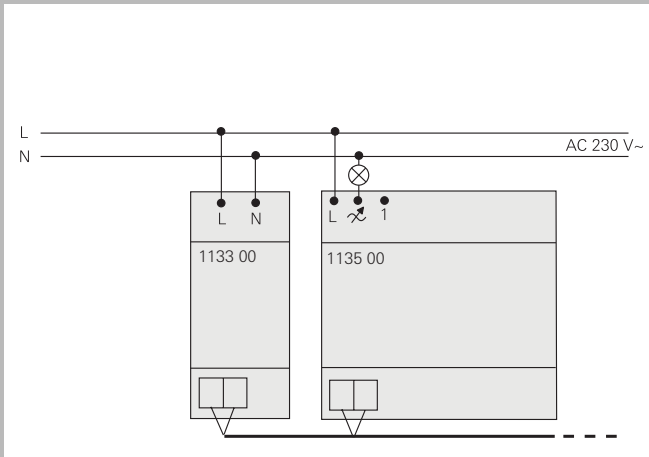


**Radio control unit 1-10 V 1-gang DRA**

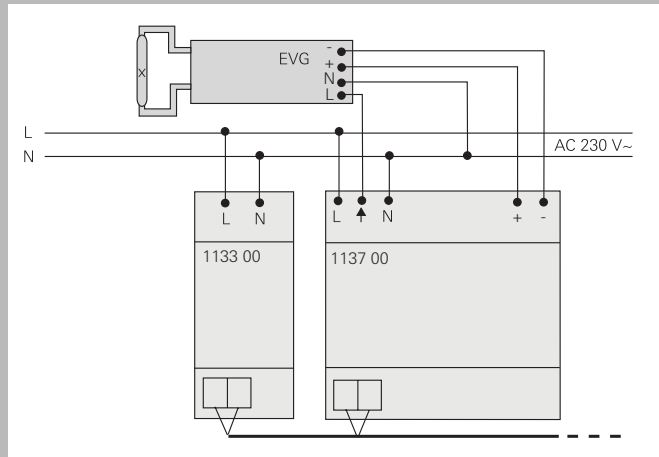
1137 00

**Technical data**

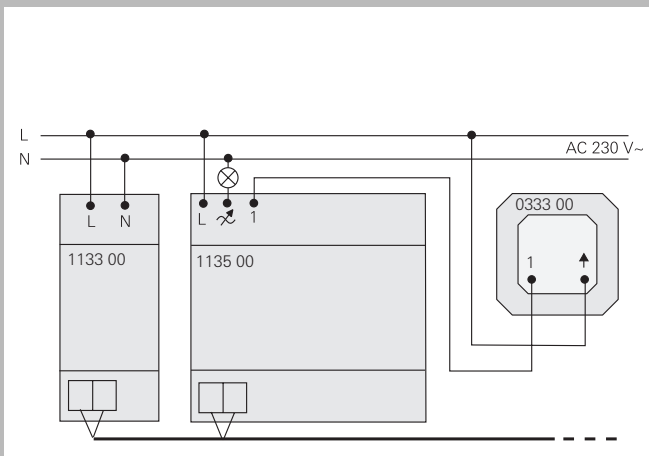
Power supply:	230 V AC, 50/60 Hz
Control voltage:	1-10 V
Control current:	Max. 15 mA
Electrical isolation 1-10 V:	2 kV base insulation
Switching contact:	µ relay contact
Connected load:	Max. 1800 W ohmic load electronic ballast and transformer are type-dependent
Power protection:	10 A
Screw terminals:	- 1.5 to 4 mm <sup>2</sup> single-wire - 0.75 to 4 mm <sup>2</sup> fine-wire (without core jacket) - 0.5 to 2.5 mm <sup>2</sup> fine-wire (with core jacket)
Operating temperature:	Approx. 0 °C to +45 °C
Protection type:	IP 20
Installation width:	4 depth module



Radio universal dimming actuator DRA connection



Radio control unit DRA connection



Connection of radio universal dimming actuator DRA with auxiliary insert

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**Connection of energy saving lights**


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**Long-field lights with electronic ballast on devices with relay contact**

Capacitive loads, such as parallel-compensated fluorescent lamps, compact fluorescent lamps, energy saving lamps, electronic ballasts etc. strain the contact material of a relay to a certain degree. While statements can still be made regarding the maximum permissible size of the compensation capacitor and thus the maximum permissible load with parallel-compensated loads, it is generally no longer possible with electronic ballasts and energy saving lamps.

**System-based dependencies**

The following question pops up again and again: How many electronic ballasts/energy saving lamps can be connected to a device?

In such cases, there is no decisive answer, despite all efforts. The height of the load or the maximum number of electronic ballasts/energy saving lamps which can be connected to the switching device depends on considerably more factors than just the technical data of these two components.

These are factors which are system- and application-specific and are not dependent on nor influenced by the manufacturer of the switching device or the electronic ballast/energy saving lamps.

They include, among others:

- The conditions of the supply mains (hard or soft mains)
  - Soft mains:
    - Great inner resistance of the mains, less switch-on currents
  - Hard mains:
    - Small inner resistance of the mains, high switch-on currents possible
- Switch-on time based on current value of sine wave, for example
  - Sine-wave zero crossing: ideal, hardly any contact load
  - Sine-wave vertex: poor, maximum switch-on current
- always switched on in the positive half-wave
  - material migration at contact material always goes in the same direction
  - quicker failure of the contact

These system-based factors prevent even the relay manufacturers from providing concrete information on the connectible load on a relay.

**Product variety**

A large number of electronic ballast/energy saving lamp manufacturers with a variety of products are found in the market. Here, each electronic ballast/energy saving lamp may have completely different switch-on properties.

Such a diversity of products ultimately leads to the inability of manufacturers of the switching device to provide concrete information, even when questioned about the connection options of a specific electronic ballast. In addition, the manufacturer of the switching device is rarely notified of any changes to the switching technology of the electronic ballast.

Please comply with the switch-on peak currents with all capacitive loads. The switch-on peak current with automatic control switch with relay contact 0835 00 should have max. 50 A in the  $\mu$ s range. Use a power relay, for example, for higher currents and longer switch-on times.

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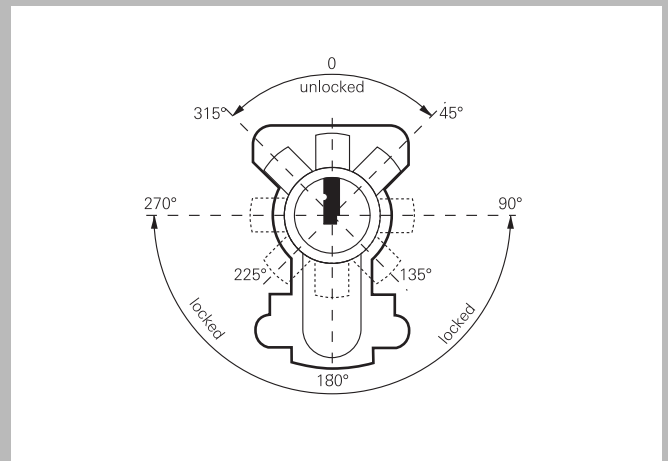
**Half-cylinder profile for key-switch inserts**


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The locking bit can be adjusted with half-cylinder profiles by pressing in the rear pin in 45° increments.

With the locking bit setting 315° (see figure), the locking bit is lead into the selector fork of the switch. The cover is not locked and the key can only be pulled out in the zero position (not switched).

With the locking bit settings 90°, 135° and 225° the locking bit is lead next to the selector fork of the switch. After actuation, the key can be turned back to the exit position and pulled out. The cover is now protected against removal without a key.



Half-cylinder profile for key-switch inserts

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0008 01	41	0063 40	150	0114 03	17	0126 20	77
0008 03	41	0063 42	150	0114 26	17	0126 203	77
0008 40	150	0063 43	150	0114 27	17	0126 26	12
0008 42	150	0063 46	150	0114 28	17	0126 27	12
0008 43	150	0063 47	150	0115 02	21	0126 28	12
0008 46	150	0064 00	289	0116 00	191	0126 40	132
0008 47	150	0070 01	41	0117 03	22	0126 42	132
0009 01	41	0070 03	41	0117 26	22	0126 43	132
0009 03	41	0070 40	150	0117 27	22	0126 46	132
0009 40	150	0070 42	150	0117 28	22	0126 47	132
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0009 46	150	0070 47	150	0120 203	77	0126 67	166
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0014 00	208	0071 03	41	0120 42	132	0127 03	12
0014 01	377	0071 40	150	0120 43	132	0127 03	77
0014 01	406	0071 42	150	0120 46	132	0127 111	110
0014 06	377	0071 43	150	0120 47	132	0127 112	110
0014 06	406	0071 46	150	0120 65	166	0127 20	77
0015 01	377	0071 47	150	0120 66	166	0127 203	77
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0026 00	294	0076 01	41	0122 111	110	0127 47	132
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0036 00	294	0076 42	150	0122 203	77	0127 67	166
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0040 00	294	0076 47	150	0122 28	12	0128 03	77
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0062 01	41	0099 27	17	0125 40	132	0130 66	166
0062 03	41	0102 00	191	0125 42	132	0130 67	166
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0062 112	127	0104 02	19	0125 46	132	0131 03	79
0062 40	150	0104 119	113	0125 47	132	0131 20	79
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0062 46	150	0107 00	191	0125 67	166	0131 27	17
0062 47	150	0108 00	191	0126 01	12	0131 28	17
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0136 112	110	0163 00	214	0211 03	48	0212 112	129
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0136 27	12	017156	43	0211 07	62	0212 17	72
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0213 203	101	0214 26	63	0215 59	66	0259 111	125
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0213 21	107	0214 31	66	0215 85	64	0260 03	36
0213 22	56	0214 32	66	0215 87	64	0260 03	93
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0213 25	56	0214 40	152	0215 92	65	0260 20	93
0213 26	63	0214 42	152	0215 93	65	0260 203	93
0213 27	62	0214 43	152	0215 95	64	0260 26	36
0213 28	62	0214 46	152	0215 97	64	0260 27	36
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0213 47	152	0214 71	62	0217 26	13	0261 46	133
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0213 53	64	0214 87	64	0218 01	13	0265 03	39
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0213 65	174	0214 89	65	0218 26	13	0265 112	126
0213 66	174	0214 92	65	0218 27	13	0265 26	39
0213 67	174	0214 93	65	0218 28	13	0265 27	39
0213 69	66	0214 95	64	0219 01	40	0265 28	39
0213 71	62	0214 97	64	0219 03	40	0265 40	148
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1451 00	208	2150 04	359	2562 20	258	2793 20	237
1452 00	208	2251 111	387	2570 00	270	2793 20	84
1453 00	208	2251 112	387	2570 00	275	2793 203	237
1454 00	208	2252 111	387	2600 05	270	2793 203	84
1455 00	208	2252 112	387	2600 12	270	2794 20	237

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2794 203	237	2898 00	103				
2794 203	84	2899 00	103				
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Information on the processing of returns is provided on the Internet at [www.fgh.gira.de/retouren](http://www.fgh.gira.de/retouren)

For technical queries or ordering sales promotion materials, please contact your wholesaler, in special cases the responsible Gira agency or the plant directly.

Gira switches and socket outlets are developed and marketed under constant consultation with the electro-technical wholesale trade, the electrical trade and the electro-technical retail market for the electrical trade. This installation device system is therefore intended as the product range of the specialised trade.

Of course, the breadth and depth of the Gira product range can only be given limited space in the material catalogues of the electro-technical wholesale trade. Therefore, please always have a look at the Gira General Catalogue. Only it provides a complete overview of the product range.

All devices in this catalogue falling under the CE guidelines are labelled with the CE mark on the packaging label and on the product.

The catalogue is intended as a working document for dealers. The prices listed are non-binding recommended prices and apply from November 2006. All devices have been provided with price-system code numbers (PS).

The information in the catalogue refers to the current production status of the devices. We reserve the right to make change with regard to technology and design.

Only our general sales, delivery and payment conditions apply.

Product photography:  
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Photography for product range:  
Udo Kowalski, Wuppertal  
Pixelbox, Düsseldorf

Photography for architecture and plant grounds:  
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(Architecture: Ingenhoven und Partner, Architects)  
Page 4 - 5  
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Page 5, top right  
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Printing:  
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## 1. General conditions

1. The mutual written declarations are authoritative for the scope of supply and services. The terms and conditions of the ordering party apply only insofar as the supplier or those performing for the supplier have expressly agreed in writing.
2. The supplier reserves the unrestricted property and copyright exploitation rights for cost estimates, illustrations and other documents. The documents may only be made available to third parties with previous consent of the supplier and are to be returned to him/her promptly on demand if the order was not placed with the supplier. Clauses 1 and 2 also apply for the documents of the ordering party; these, however, may be made accessible to third parties to whom the supplier has permissibly transferred supplied goods.
3. The ordering party has the non-exclusive right to use the standard software with the performance features agreed upon in unmodified form on the devices agreed upon. The ordering party may make a backup copy without express permission.
4. Partial shipments are permissible as long as they are reasonable to the ordering party.

## 2. Completion of a contract in written form

Unless something to the contrary has been designated in writing, our offers are non-binding. An order is not considered accepted until it has been confirmed in writing. Only the text in our order confirmation is then binding. All agreements, declarations and other specifications must be written in order to be considered valid; telephone calls, facsimiles, telegrams and telexes are to be confirmed in writing with us.

## 3. Scope of supply and service

The documents, illustrations, weight specifications, samples etc. included with our offer are only authoritative to a degree, insofar as nothing contradictory arises from the offer. We reserve the express right to modify the structure, design, material selection and manufacture, even after the order confirmation has been sent, as long as the price and/or the essential function data or supply period has not changed as a result and as long as it is reasonable to the customer.

## 4. Terms of supply

The supply period specified by us in the order confirmation is non-binding unless stipulated otherwise in writing. We reserve ourselves the express right to deliver in a proper and timely fashion. The term of supply begins with the date on which the order confirmation is sent, however not before complete clarification of all questions regarding technical details. The term of supply is extended in the advent of unforeseeable, unusual and inevitable events, especially for strikes of any type, and for late supply by us, even if these events do not occur until during a delay already in effect. If shipment is delayed on request of the customer or for other reasons out of our control, the customer bears the additional costs which arise and the risk of incidental ruin or degradation of the goods starting from the time of the announcement of readiness to receive the shipment. In cases in which goods are stored in our factory (or with those authorised by us), we have the right to charge at least 0,5 % of the price of the supply for each month begun. Additional claims, especially from § 373 HGB (German Commercial Code), are reserved. We fundamentally reserve the right to make partial shipments and to supply the goods early. In case of a supply delay on our part, the customer is obligated to set a reasonable final delivery deadline. If the customer sets a reasonable final deadline in case such a supply delay occurs and we are responsible for failing to comply with this term, the customer has the right to withdraw from the contract; damage claims only appertain to him/her in case of deliberate or grossly negligent cause of damage. If the contract is a firm deal as described in § 376 BGB (German Civil Code), Paragraph 6 applies, providing that the customer may withdraw from the contract with the waiving of any further rights in writing. This is the case unless a deliberate or grossly negligent cause of damage is evident. Our compliance with the term of supply requires timely and proper fulfilment of the contractual obligations by the customer, especially his/her duty of payment.

## 5. Transfer of risks, shipment, packaging, acceptance

Risk is transferred to the customer from our factory or supply facility (INCO TERMS 2000), including when partial shipments are made. Shipment is paid for by the customer and occurs at his/her own risk; if no shipment stipulations have been provided by the customer, we select the cheapest means and route of transport. Packaging costs are calculated as original costs, if not agreed otherwise. If we accept the transport insurance within the framework of the general policy arranged by us, regulation in accordance with the conditions of insurance occurs when the following documents are presented:

- a) Proof of delivery from the transport company (e.g. receipt from carrier)
- b) Original carriage note
- c) Transfer of rights for resulting damage If we are responsible for the transport damage, the customer is obligated to inform us of incurred transport damage in writing immediately after the shipment is received.

The damaged parts are to be sent back to our factory in Radevormwald, Germany or our respective supply facility free of charge. The ordering party may not refuse to accept supplied goods due to negligible defects.

## 6. Prices, payment conditions, securities

Our prices are to be understood to be from our factory or the respective supply facility (in accordance with INCOTERMS 2000) and do not include the appropriate VAT.

Our prices are based on the definitive cost factors at the time the offer is tendered (order confirmation). If these change between the time the contract is concluded and the time the goods are supplied, we reserve the right to change the price in reasonable proportion to the risen costs.

For completed acceptance of goods with a net value of at least EURO 500, we do not charge for delivery to the receiving station, but do charge for packaging, for completed acceptance of goods with a net value of EURO 1,000 or more, we do not charge for delivery to the receiving station or packaging. For orders less than EURO 100, we charge a processing fee of EURO 15. For deliveries where the shipping address differs from the ordering address, we charge a shipping-cost fee of at least EURO 7.50 per shipment. Higher shipping costs are agreed upon with the customer on an individual basis. All payments from the customer are to be made to our bank account without a deduction. Offset rights appertain to the customer only with receivables determined to be indisputable or legally valid; in these cases, the customer also has authorisation for retention. He/she is also authorised to retain when the reason for the right of retention is based on a supply defect on our part; in these cases, the right of retention may only be exercised relative to the actual existing defects.

If the economic standing of the customer changes after the date of send-off of our order confirmation, and it is now questionable whether the customer is able to fulfil his/her payment duties, we are entitled to withhold delivery of the goods or to request security; if the customer does not grant our request for a surety within a reasonable amount of time, we are entitled to withdraw from the contract.

For payments made within 10 days after the invoice date, we give a discount of 2%. Payments in arrears and bill payments preclude a discount. The open target time is 30 days; strictly net cash. Our representatives and travelling personnel are not authorised to accept payment or means of payment unless they have permission to do so. Bills of exchange and cheques are only accepted on account of payment. The bank, discount and collection charges are to be covered by the customer. Payments in the form of bills of exchange and checks are considered valid only after the funds for the respective amount have been received in our account.

The ordering party is obligated to pay the receivables of the supplier within 30 days after receiving the goods. After the expiration of this term, the ordering party has defaulted on payment without having to receive any further notification.

During the period of delay, the ordering party must pay interest on the money owed in the amount of 8% above the base interest rate. We reserve the right for the furnishing of proof of greater damage caused by delayed payment and its assertion.

If the supplier has performed installation or mounting and it has not been agreed otherwise, the ordering party shall bear all necessary additional costs such as travel expenses, costs for hand-tool transport and personal luggage and accommodations, in addition to the stipulated fees.

## 7. Redhibitory defects

The supplier is liable for redhibitory defects as follows:

1. All parts or services exhibiting a defect, not considering the duration of operation, are to be repaired, replaced or reproduced at no cost to the ordering party at the discretion of the supplier within the period of limitation, providing that the cause of the defect was already present during the passage of risk.
2. Claims of redhibitory damage are barred at 24 months. This does not apply if the law according to §§ 438 Para. 1 No. 2 (construction facilities and materials for construction facilities), 479 Para. 1 (claim to recourse) and 634a Para. 1 No. 2 (construction defects) BGB (German Civil Code) stipulate longer terms and in cases of death, personal injury or damage to health, with deliberate or grossly negligent violation of duties by the supplier and with fraudulent misrepresentation of a defect. The legal regulations on suspension of the statute of limitations, escapement and restarting of the terms remain unchanged.
3. The ordering party must check the supply and services without delay after receipt. § 377 HGB (German Commercial Code) is applicable. The supplier must be informed of redhibitory defects by the ordering party in writing within two weeks. For obvious defects, this term begins with delivery of the goods to the ordering party. If a declaration of defects is not made within the stipulated time period, assertion of warranty claims are precluded. Timely send-off is sufficient for observance of the deadline. The full burden of proof is on the ordering party for all claim requirements, especially for the defect itself; for the time of discovery of the defect and for timely notification of defects.
4. If a notification of defects is provided in a timely manner and proper form, the ordering party may halt payment in reasonable proportion to the redhibitory defects which have occurred. The ordering party may only halt payment if a notification of defects has been made, where no doubt remains regarding its eligibility. If the notification of defects is found to

have taken place wrongly, the supplier is entitled to claim compensation from the ordering party for the expenditures accrued.

5. The opportunity for subsequent compliance within a reasonable term is to be granted to the supplier first. Any replaced parts are to be sent back to us free of charge if desired.

6. If subsequent compliance is unsuccessful (in accordance with § 440 BGB (German Civil Code)), the ordering party is entitled to withdraw from the contract or reduce payment, irrespective of any damage claims in accordance with Article XI.

7. Defect claims may not be made for merely negligible deviation from the stipulated conditions, for merely negligible impairment of usability, for normal wear or detriment occurring after the passage of risk due to improper or negligent handling, excessive strain, unsuitable equipment, faulty construction, unsuitable foundation or extraneous external influences not stipulated in the contract and non-repeatable software errors. If improper modifications or repairs are made by the ordering party or a third party, no defect claims may be made for either the modifications themselves or any results thereof. Our warranty also requires that the goods be properly mounted, commissioned and used under full compliance with our operating instructions.

8. Claims by the ordering party regarding the necessary expenditures for the purpose of subsequent compliance, especially transport, travel, working and material costs are excluded if the expenditures increase because the object of supply has been moved to a location other than that of the facility of the ordering party, unless the change of location corresponds with proper use.

9. Claims to recourse by the ordering party against the supplier in accordance with § 478 BGB (German Civil Code) (recourse of the company) may only be made if the ordering party has not made any agreements regarding legal defect claims with his/her client. For the scope of the claim to recourse by the ordering party against the supplier in accordance with § 478 Para. 2 BGB (German Civil Code), No. 8 also applies accordingly.

10. Article XI (miscellaneous damage claims) also applies for damage claims. On-going claims or claims other than those stipulated in Article VIII by the ordering party against the supplier and its vicarious agents regarding redhibitory defects are excluded.

11. For special production runs, a long or short shipment in the amount of 10% is contractually agreed upon.

## 8. Reservation of ownership

The goods remain our property until all payments in this supply contract have been received, as well as those from all other contracts between the customer and ourselves which were concluded up until the time this contract was concluded. The customer may resell the conditional commodities in the appropriate course of business. At present, however, he/she transfers to us all receivables in the amount of the respective invoice value which arise from the resale to the client or third parties. The customer is also authorised to collect these receivables after his/her transferral. Our authority to collect the receivables ourselves remains unchanged. We are especially authorised to demand that the customer inform us of the ceded receivables, their stock and their debtors, that he/she make all necessary specifications for collection, that he/she provide us with the accompanying documents without delay and that he/she inform the debtor of the transfer in writing. Insofar as the cause of damage can be attributed to negligence, our liability for replacement is limited to our liability insurance or product liability insurance if the regulation puts the customer at an undue disadvantage in an individual case in accordance with Paragraph 1.

The customer is not authorised to pledge the conditional commodities or to transfer ownership to third parties for security purposes.

If the customer violates the contract, especially in cases regarding defaulted payment, we are authorised to reclaim the goods. Our reclaiming and attachment of the goods are not a declaration of withdrawal from the contract; withdrawal is only applicable if expressly written by us.

In case of attachments or other interference by third parties, the customer must inform us of this in writing without delay.

If the goods are resold with other goods not belonging to us, the receivables owed to the customer by the client in the amount of the supply price agreed to by ourselves and the customer with conclusion of the contract are considered to be discounted. On request, we will unfreeze our security to the customer when its value exceeds the receivables to be secured by more than 25%.

## 9. Subsequent impossibility of performance; modification of contract

1. If it is not possible to supply the ordering party with the goods, he/she is authorised to demand compensation unless the supplier is not responsible for the impossibility of performance. The damage claims by the ordering party are, however, limited to 10 % of the value of the respective portion of the supplied goods, which cannot be adequately commissioned due to the impossibility of performance. This limitation does not apply where liability is mandatory in cases of premeditation, gross negligence or due to death, personal injury or damage to health; this is not automatically bound with a modification to the burden of proof to the disadvantage of the ordering party. The right of the ordering party to withdraw from the contract remains intact.

2. Insofar as unforeseeable events as mentioned in Article IV No. 2 considerably change the economical implication or content of the supplied

goods or considerably effect the operation of the supplier, the contract will be adapted appropriately in good faith. If this is not economically reasonable, the supplier is entitled to withdraw from the contract. If he/she wishes to make use of the right of withdrawal, he/she must inform the ordering party without delay once the scope of the event has been recognised and especially when an extension of the delivery period was first agreed to with the ordering party.

## 10. Miscellaneous damage claims

1. Damage and expense claims by the ordering party (referred to as damage claims in the following), are excluded regardless of the legal basis, especially for those regarding violation of duties due to obligation and unlawful acts.

2. As long as liability is mandatory (in accordance with the product liability statute, for example), this does not apply in cases of premeditation, gross negligence, for death, personal injury or damage to health or for the violation of essential contractual duties. Damage claims for the violation of essential contractual duties are, however, limited to foreseeable damage typical of a contract as long as premeditation or gross negligence are not the case and mandatory liability is in effect for death, personal injury or damage to health. A change to the burden of proof to the disadvantage of the ordering party is not bound with the above regulations.

3. If damage claims appertain to the ordering party in accordance with Article XI, these claims are barred as of the expiration of the applicable period of limitation for claims of redhibitory damage in accordance with Article VIII No. 2. The statutory limitations apply for damage claims in accordance with the product liability statute.

## 11. Place of fulfilment, place of jurisdiction, ambit

1. The place of fulfilment for all obligations relating to this contract, including a claim to withdraw, is Radevormwald, Germany.

2. The place of jurisdiction is/are the location(s) over which the courts responsible for Radevormwald preside, as agreed upon. This also applies for actions on dishonoured bills/cheques, especially for claims due to court proceedings for an order to pay a debt; as long as legal proceedings are not pending against us, we are also entitled to bring charges against the customer in the courts presiding over his/her place of residence.

3. German substantive law, excluding the agreement of the United Nations regarding contracts for the international sale of goods (CISG), is in effect for the legal relationship in connection with this contract.

4. These sales, supply and payment conditions apply only to sales personnel as understood in § 24 AGBG (Law for the regulation of the law of general terms and conditions).

Gira  
Giersiepen GmbH & Co. KG  
Electrical installation  
systems

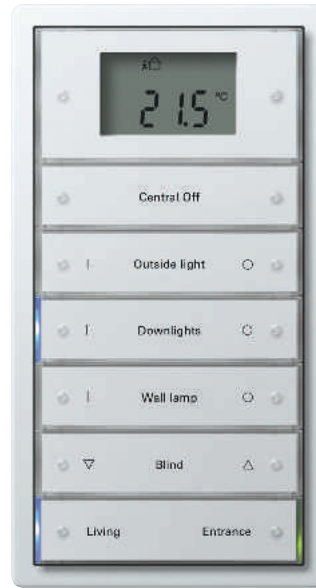
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