



ESYLUX – an ideal solution for every application

- For 230 V AC, 12 - 24 V DC or emergency generators
- Switching – dimming – bus systems (KNX/EIB, Dali)
- One system for all applications (surface, recessed or ceiling mounting)

Installation – quick, easy and therefore cost-effective

- Large wiring space
- Time-saving plug-in terminals
- Compatible with many European installation boxes

Convenient activation

- Integrated factory settings, immediately ready for use
- Customised adjustment using remote control
- **“blue mode”**: Indicates that device is in programming mode. Load-free programming – clearly and easily recognisable.
- Masking of interference sources through sensitivity adjustment using DIP switches

Quality – Made in Germany

- Construction, development, design and production



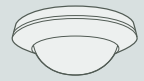


Compact, functional and innovative

New ESYLUX presence and motion detectors

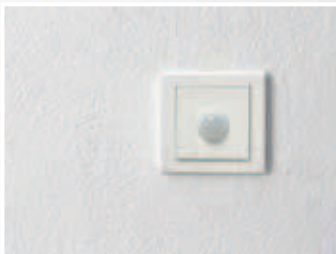
- **Compact** – inconspicuous and adaptable
- **Functional** – simple yet versatile
- **Innovative** – powerful and economical



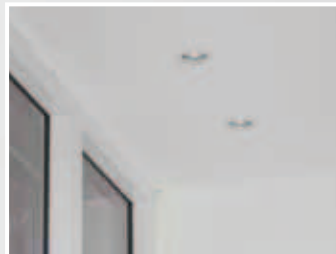


ESYLUX ...simply better

The mini detector



Recessed wall mounting
(Compatible with brand switches)



Recessed ceiling mounting



IP 65



Original size 1:1



**Presence detectors
PD-C series**

For premises **with natural light** that are used for long periods; particularly suitable for seated activities



Corridors, hallways, passageways, staircases, basement access ways, garages



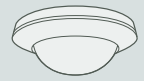
Classrooms, offices, meeting and conference rooms, hospitals, care homes



Sports halls, fitness centres, warehouses, exhibition halls, industrial and business facilities

Distinction
Sensing
Area of application
Switching output
Switch-on criterion + light measurement

Presence detectors
<ul style="list-style-type: none"> Respond to the slightest movements (presence); particularly suitable for seated activities
<ul style="list-style-type: none"> Indoors Premises with natural light that are used for long periods Switching when required or desired Automatic light control according to level of use and natural light offering opportunities for large energy savings Other possibilities such as control of heating, ventilation, air conditioning and/or constant light control (dimming)
<ul style="list-style-type: none"> Light + HVAC (heating, ventilation, air conditioning) Light 1 + Light 2 (individual light measurement per switching output) + HVAC Light/1 - 10 V + HVAC
<ul style="list-style-type: none"> Light channel: ambient lighting level (ambient lighting level is below the preset light value at the detector) and movement/presence; HVAC channel: movement/presence only Light measurement remains activated (if ambient/natural light is sufficient, the artificial light/light channel is switched off to save energy even if movement is detected)

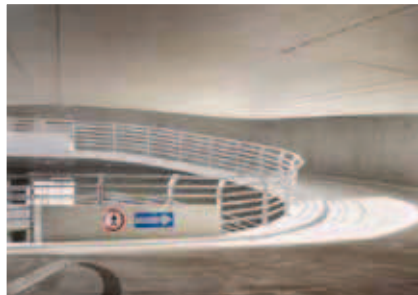


**Motion detectors
MD-C series**

For premises **without or with very little natural light** that are used for short periods of use; suitable for larger walking movements



Corridors, hallways, passageways, staircases, basement access ways, basement areas and storerooms



Garages, car parks, car ports, underground car parks



Changing rooms, bathrooms, toilets

Distinction
Sensing
Area of application
Switching output
Switch-on criterion + light measurement

Motion detectors
<ul style="list-style-type: none"> Respond to larger walking movements
<ul style="list-style-type: none"> Indoors Premises without or with very little natural light that are used for short periods Switching when required or desired Security in dark areas, particularly walkways Energy savings Outdoors (car ports/roof projections)
<ul style="list-style-type: none"> Light or other systems
<ul style="list-style-type: none"> Ambient lighting level (ambient lighting level is below the preset light value at the detector) and movement Light measurement is no longer active after switch-on (system/artificial light will remain switched on as long as movement is detected)



Up to **70%**
saving of energy

for lighting through the use of ESYLUX
presence and motion detectors.

This energy
saving can result
in **CO₂** emissions
being decreased by **approx.
70% per year.**



Save energy and money with ESYLUX

With increasing global awareness of the need to save energy and protect the environment, you and your customers can make an important contribution to the reduction of energy consumption by using ESYLUX presence and motion detectors. Their use not only considerably lowers a building's operating costs, but also reduces CO₂ emissions and aids climate protection.

Where these products are used is irrelevant as opportunities for energy saving can be found no matter where, e.g.:

- in offices and administrative buildings
- in schools and nurseries
- in retirement homes and hospitals
- in public buildings
- in hotels

Energy-saving opportunities in an administrative office building

An existing office building is going to be modernised and optimised for energy efficiency. The building has 4 storeys with a total of 120 offices, 1 underground car park, 5 hallways, 2 interior staircases and 8 toilets.

The building is modernised in 3 phases:

- Phase 1:** Lighting – modernisation of lights and their control via presence and motion detectors
- Phase 2:** Insulation and modernisation of heating, ventilation and air conditioning
- Phase 3:** Purchase of modern, energy-saving office equipment

Phase 1 example: Modernisation of lights and their control via ESYLUX presence and motion detectors

Installation of 165 ESYLUX presence and motion detectors.
The investment costs for using the detectors amount to approx. EUR 33,850.00.

	Before modernisation		After modernisation		Approx. saving
Electricity consumption	142.575,36	kWh/year	46.001,44	kWh/year	
Electricity costs	25.663,56	EUR/year	8.280,26	EUR/year	
CO₂ emissions	88,68	t/year	28,61	t/year	
Electricity cost saving			17.383,30	EUR/year	
CO₂ reduction			60,07	t/year	

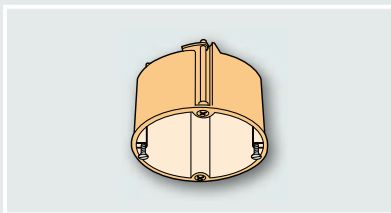
The investment costs for the use of ESYLUX detectors are recovered in just 2 years.



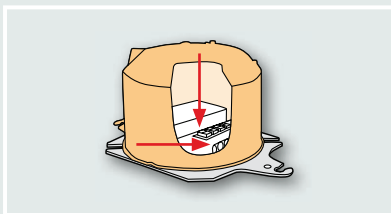
Installation – quick, easy and cost-effective

- Large wiring space due to low overall height of the power box
- Time-saving plug-in terminals
- Compatible with many European installation boxes

Recessed mounting IP 20



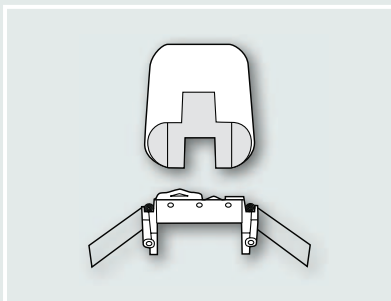
Installation/device box



Quick and simple connection with plug-in terminals, large wiring space

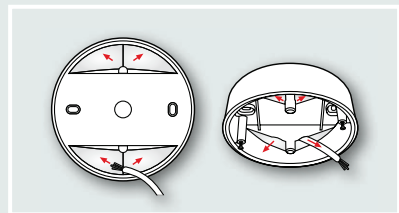
Recessed ceiling mounting IP 20

Dust-protected box and installation bracket with cord grips

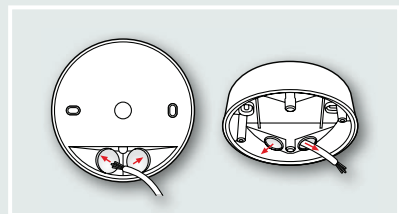


Installation set (accessory)

Surface mounting IP 20/IP 54

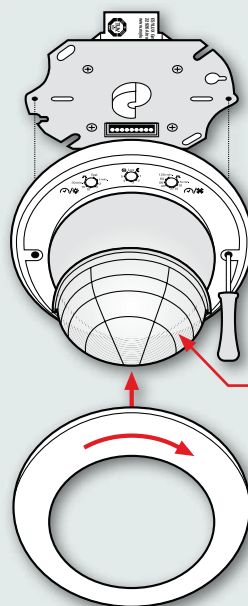


Quadruple line entrance with surface-mounted box IP 20 (accessory)



Double line entrance with surface-mounted box IP 54 (accessory)

PD-C/MD-C detector

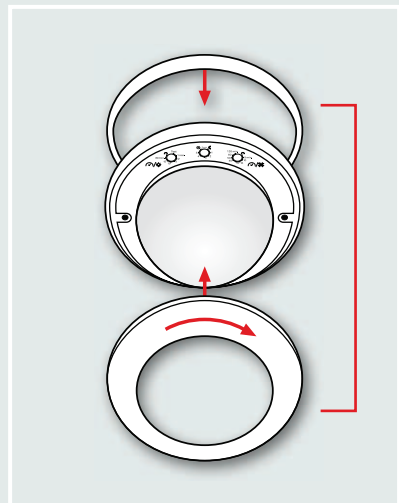


Lens mask (enclosed)

Adjustment to surrounding area through targeted masking out of areas

Cover and design ring

Quick and easy to replace/paint (silver as accessory)

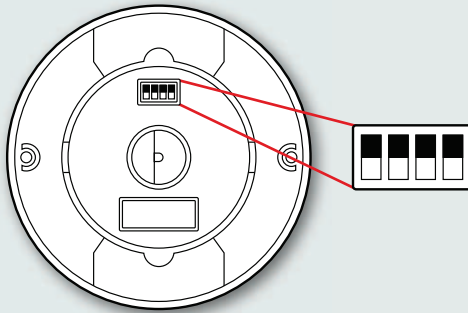




Convenient activation

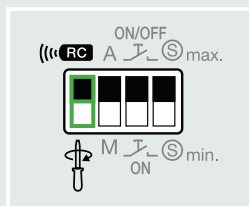
- Integrated factory settings – immediately ready for use
- “blue mode” technology: Indicates that device is in programming mode. Load-free programming – clearly and easily recognisable
- Masking of interference sources through sensitivity adjustment using DIP switches

Clear pre-selection of functions using DIP switches directly on the detector



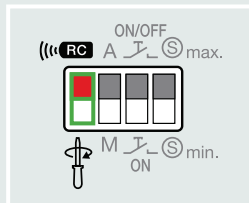
Switching version	DIM version	Slave/KNX version
DIP 1 2 3 4	1 2 3 4	3 4
<p>ON/OFF max. min.</p> <p>M ON</p>	<p>10% max. min.</p> <p>M 10% ON</p>	<p>LED ON max. min.</p> <p>LED OFF min.</p>
Factory settings		

DIP switch 1



Toggle for factory settings/adjustment using remote control or adjusting controller

Tamper protection and prevention of operating errors

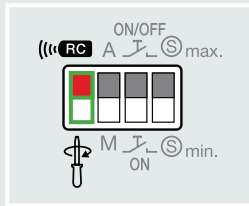


Integrated factory settings – immediately ready for use

Detector type	MD-C360i/24	PD-C360i/8	PD-C360i/8plus	PD-C360i/24 DUOplus	PD-C360i/24 Dali
		PD-C360i/24 DRY	PD-C360i/24plus		
		PD-C360i/8 Dali	PD-C360i/8 DIMplus		
			PD-C360i/24 DIMplus		
			PD-C360i/8 DC24Vplus		
			PD-C360i/24 DC24Vplus		
Light value 1	Walkways (approx. 100 Lux)	Working area (approx. 400 lux)	Working area (approx. 400 lux)	Working area (approx. 400 lux)	Working area (approx. 400 lux)
Light value 2				Working area (approx. 400 lux)	Working area (approx. 400 lux)
Time setting "Light channel"	5 min	5 min	5 min	5 min	5 min
Time setting "HVAC channel"			60 min	60 min	
Mode	Fully automatic	Fully automatic	Fully automatic	Fully automatic	Fully automatic

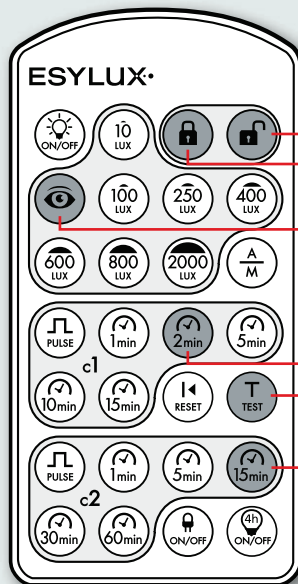


DIP switch 1



Customised setting using infrared remote control with new "blue mode" technology

- Indication of programming mode
- Quick, easy and no need for a ladder
- Acknowledgement displayed by in-built blue function LED
- Clear and easily recognisable even in high ceilings
- Load-free programming increases the life of the illuminant/relay
- A blue function LED gives real-time indication of motion detection in test mode (load-free), allowing a detector's field of detection to be inspected/paced out

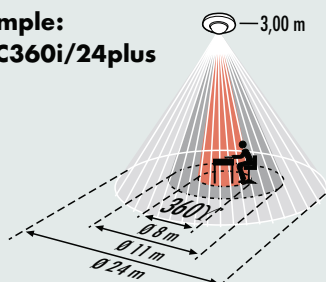


Programmed in 15 seconds

Quick, easy steps based on example of PD-C360i/24plus in conjunction with the Mobil-PDi/MDi remote control

- 1. Entering programming mode**
Blue LED lights up on the detector, indicating "blue mode" (programming mode)
- 2. Inputting the current light value as switch-on value**
Indicated by a flashing blue LED
- 3. Adjusting time setting for light channel to 2 min**
Indicated by LEDs on the detector flashing blue and red alternately
- 4. Adjusting time setting for HVAC channel (ventilator connection) to 15 min**
Indicated by LEDs on the detector flashing blue and green alternately
- 5. Exiting programming mode**
Blue LED goes out, setting is complete

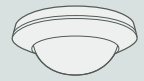
**Example:
PD-C360i/24plus**



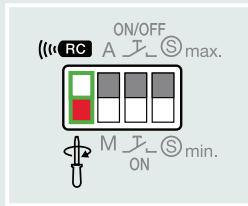
- Working area
- Head-on to detector
- Passage area/diagonally to detector

Checking the range/detection using test mode

- Press the "test" button
- Connected lighting turns on – allowing a detector's field of detection to be inspected/paced out
- Motion is indicated by 2 flashes of the blue function LED
- Real-time, load-free indication
- Exit test mode by pressing the "test" or "reset" button



DIP switch 1



Manual setting of basic functions on the device can be carried out using adjusting controller

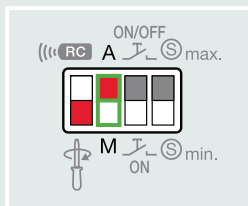


Time setting (light)

Light value

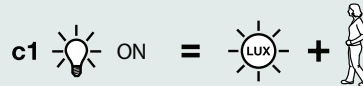
Time setting (HVAC)

DIP switch 2

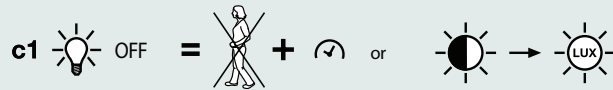


Fully automatic mode – “lighting” switching channel

Automatic switch-on: if the detector has been triggered by movement and the ambient lighting level has fallen below the default light value.



Automatic switch-off: if movement is no longer detected, the lighting will be switched off once the time setting has elapsed.



Note on presence detectors:

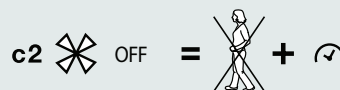
However, should the natural lighting level increase and the ambient lighting level exceed the preset light value, the detector will automatically switch the lighting off 5 minutes after reaching the preset light value, regardless of any movement/presence. The lighting can subsequently be switched back on manually at any time.

Fully automatic mode – “HVAC” switching channel (heating, ventilation, air conditioning or lighting)

Automatic switch-on: the contact will only be triggered by movement and is not controlled by the light value.

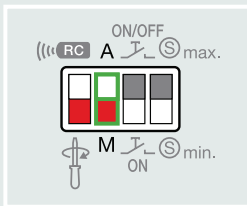


Automatic switch-off: if movement is no longer detected, the contact will be switched off once the time setting has elapsed.





DIP switch 2

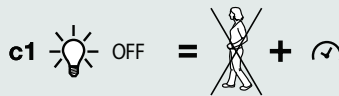


Semiautomatic mode - only for "lighting" switching channel

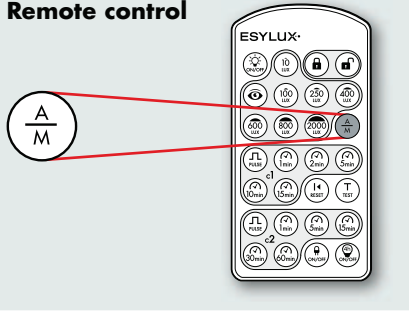
Manual switch-on: the detectors (except MD-C360/8) have a separate "S" terminal for connecting an external button (button – operating current – with zero conductor connection). This means that the detector can be manually overridden at any time so that the lighting can be switched on or off individually.



Automatic switch-off: if movement is no longer detected, the lighting will be switched off once the time setting has elapsed.



Remote control

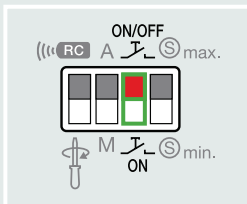


Fully and semiautomatic mode - setting using remote control

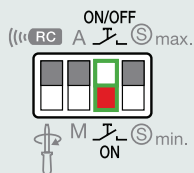
Fully or semiautomatic mode can also be set by using the „A/M“ button of the remote control conveniently and versatile. This is also possible for the "HVAC" switching channel with the following detectors: PD-C360i/8 DIMplus, PD-C360i/24 DIMplus, PD-C360i/24 DUOplus.

NB: the remote control has a "light ON/OFF" button to allow convenient manual control without the need to fit an additional button.

DIP switch 3 (switching version)



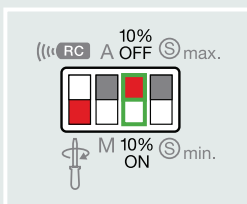
"room" button function - manual switch-on and switch-off (default setting)



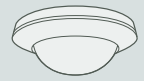
"hallway" button function - manual switch-on

Manual switch-off not possible, safety function for pathway and hallway lighting

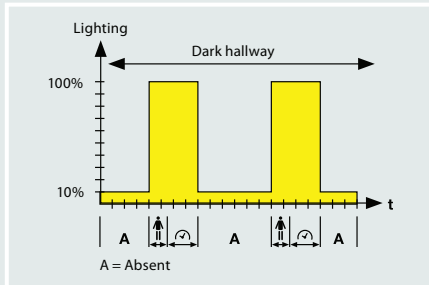
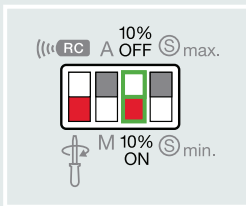
DIP switch 3 (DIM-Version)



Orientation light 10% "OFF" (default setting)



DIP switch 3 (DIM version)

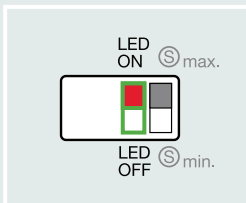


NB: The remote control can be used to control the "orientation light" feature and the switching on of the orientation light for a limited period.

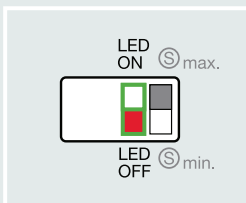
Orientation light 10% "ON" – safety function for pathway and hallway lighting

- So-called "night-light feature": if the natural light in a room/hallway decreases and the lighting level falls below the light value set on the detector (e.g.: 400 lux), the lighting is automatically dimmed to approx. 10% of the max. light intensity
- When movement is sensed, the detector turns the lighting up to the preset light value
- If the presence detector no longer detects movement, the lights will revert to approx. 10% of their maximum light intensity once the set time has elapsed
- If the ambient brightness is greater than the preset light value, the presence detector will automatically switch the orientation lighting OFF
- This ensures a permanently low orientation lighting system, and is of particular use in corridors (retirement homes and hospitals) or underground car parks
- The main advantage is that people do not enter a completely dark area

DIP switch 3 (slave/KNX version)



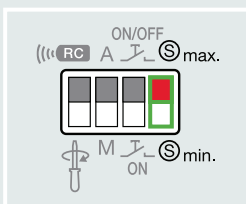
Red/green function LED "ON" = indication of movement (default setting)



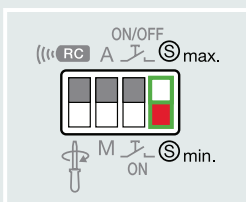
Red/green function LED "OFF" = indication of movement

NB: the function LEDs (red/green) can be switched off on master devices using remote control.

DIP switch 4



Maximum sensitivity (default setting)



Reduced sensitivity = optional masking of interference sources

Despite careful planning and positioning, interference sources can still cause undesired switching, such as local hot air streams from heaters or underfloor heating; ventilators, air-conditioning units, fans, lights TVs and HiFis, or computers.

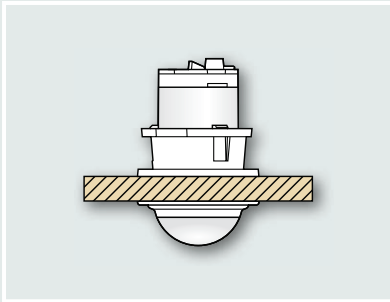
NB: if reducing the sensitivity does not manage to mask the interference source completely, you can also mask out individual areas of detectors by means of the enclosed covering clips/lens mask. Alternatively you will need to re-position the detector.



The mini detector – small, inconspicuous and functional

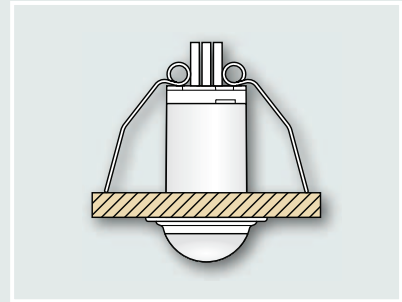
- Small, compact design for an installation hole size of just 20 mm in diameter
- IP 65 version for use particularly in damp rooms
- Integrated factory settings – immediately ready for use

Installation in suspended ceilings, fitted cupboards, surface- and recessed-mounted boxes



With supplied clamping ring

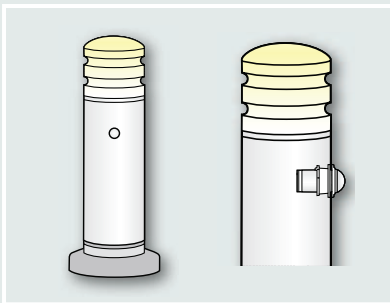
Installation in closed, suspended ceilings



With supplied spring clips

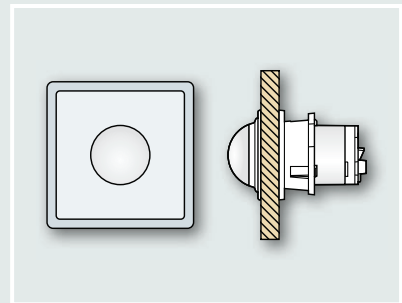
PD-C/MD-C mini-detector

Installation in lights



With supplied clamping ring

Compatible with brand switches if mounted in a wall




With supplied clamping ring



In-built factory settings – for immediate use or customised setting using remote control (accessory)

Lens mask (supplied)
Adjustment to surrounding area through targeted masking out of areas







MOTION DETECTORS		MD 180i/R EM10055010	MD 180i/T EM10055034	MD-C360/8 EP10055355	MD-C360i/24 EP10055317	MD-C360i/6 mini EP10425851
	Item no.					
Mains voltage		230 V AC	230 V AC	230 V AC	230 V AC	230 V AC
Field of detection		180°	180°	360°	360°	360°
Range (at recommended installation height)		8 m	8 m	Ø 8 m	Ø 24 m	Ceiling: Ø 6 m/wall: 6m
Recommended installation height		1,1 - 2,2 m	1,1 - 2,2 m	3 m	3 m	Ceiling: 3 m/wall: 1.1 m
Maximum installation height		2,2 m	2,2 m	5 m	5 m	Ceiling: 3 m/wall: 2.2 m
Light/relay switch contact		1		1	1	1
Light/triac switch contact (2-conductor)			1			
In-built acoustic sensor		●	●			
Additional light switch input		1			1	
Integrated ON/OFF/AUTO switch		●	●			
Fully automatic		●	●	●	●	●
Impulse feature for facility management and programmable control system		●		●	●	●
Default factory settings					●	●
Parallel connection of max. no. detectors		5	2	8	8	5
INSTALLATION TYPE		Wall	Wall	Ceiling	Ceiling	Ceiling IP 65/wall IP 65
Recessed mounting		IP 20/IP 44	IP 20/IP 44	IP 20	IP 20	
Surface mounting with surface-mounted box (accessory)		IP 20/IP 44	IP 20/IP 44	IP 20/IP 54	IP 20/IP 54	
Recessed ceiling mounting with installation set (accessory)				IP 20	IP 20	
ACCESSORIES						
Remote control Mobil-PDi/MDi	EM10425509	●	●		●	●
MD/PD 180 slave 	EM10410024	●				
Surface-mounted box-C IP 20 white	EP10425370			●	●	
Surface-mounted box-C IP 20 silver	EP10425387			●	●	
Surface-mounted box-C IP 54 white	EP10425905			●	●	
Surface-mounted box-C IP 54 silver	EP10425912			●	●	
Ceiling-mounted set-C	EP10425929			●	●	
Cover set-C360/8 silver	EP10425936			●		
Cover set-C360/24 silver	EP10425431				●	
Cover IP 20 white	EM10055102	●	●			
Cover IP 20 signal white	EM10055119	●	●			
Cover IP 20 cream white	EM10055126	●	●			
Cover IP 20 charcoal grey	EM10055133	●	●			
Cover IP 20 stainless steel appearance	EM10055140	●	●			
Cover IP 44 white	EM10055157	●	●			
Surface-mounted box IP 20/IP 44 white	EM10055164	●	●			
SEE PAGE		-	-	22/23	22/23	40/41



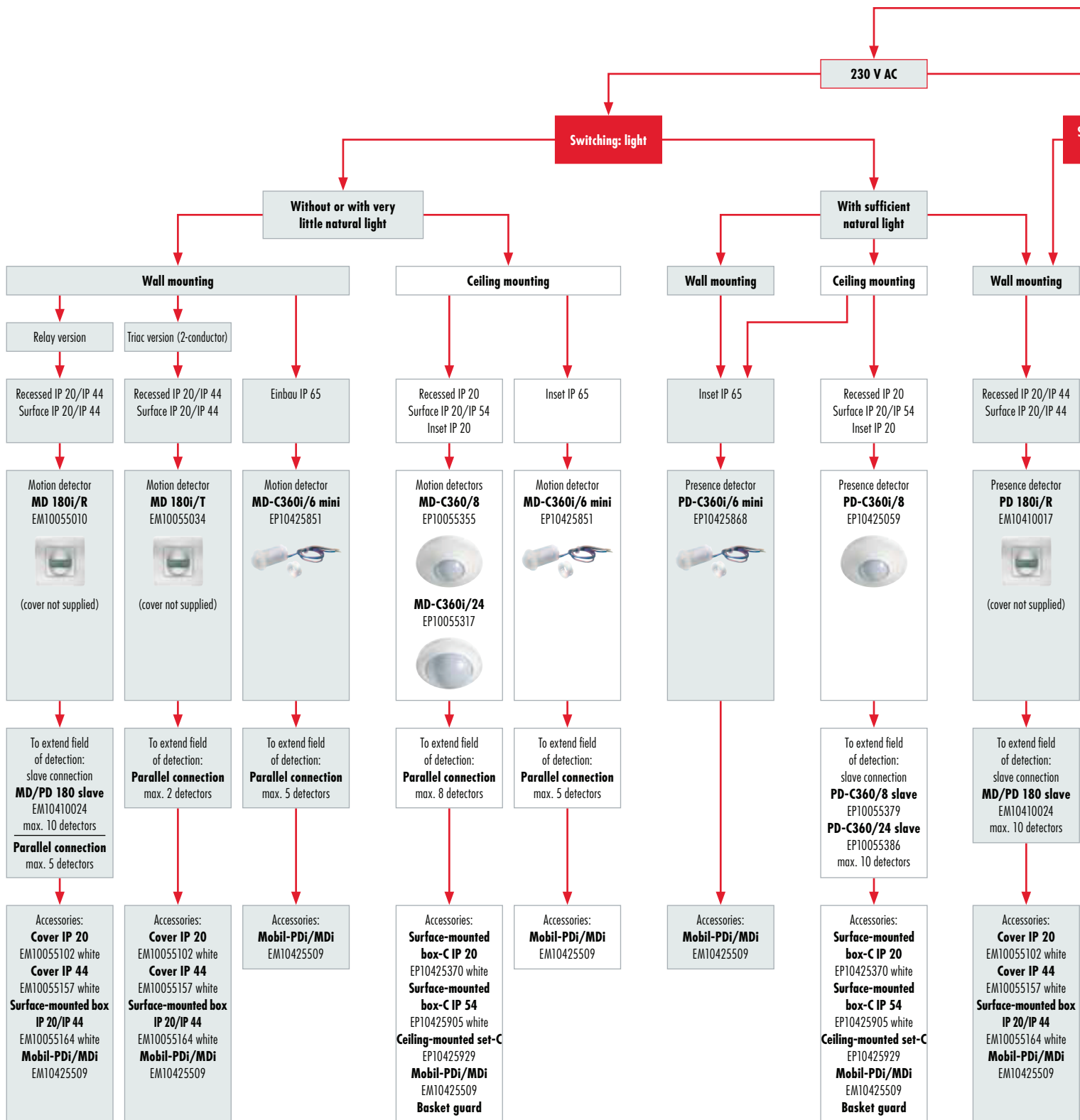
PRODUCT OVERVIEW PRESENCE DETECTORS



PRESENCE DETECTORS	Item no.	PD 180i/R EM10410017	PD-C360i/8 EP10425059	PD-C360i/8plus EP10425042	PD-C360i/24plus EP10425288	PD-C360i/24 DUOplus EP10425295	PD-C360i/24 DRY EP10425707
Mains voltage		230 V AC	230 V AC	230 V AC	230 V AC	230 V AC	230 V AC
Field of detection		180°	360°	360°	360°	360°	360°
Range (at recommended installation height)		8 m	Ø 8 m	Ø 8 m	Ø 24 m	Ø 24 m	Ø 24 m
Recommended installation height		1,1 m	3 m	3 m	3 m	3 m	3 m
Maximum installation height		2,2 m	5 m	5 m	10 m	10 m	10 m
Light switch contact		1	1	1	1	2	
Light switch contact (break contact – floating)							2
HVAC switch contact						1	
HVAC switch contact (make contact – floating)		1		1	1		
Dimmer feature/1 - 10 V DC interface							
Dali output/dimmer feature							
0 - 10 V analogue output							
"Sensitivity" toggle			●	●	●	●	●
Additional light switch input		1	1	1	1	2	1
Toggle switch input "room = ON + OFF/hallway = ON"			●	●	●	●	●
Additional HVAC switch input						1	
Fully automatic		●	●	●	●	●	●
Semiautomatic		●	●	●	●	●	●
Impulse feature for facility management and programmable control system		●	●	●	●	●	●
Default factory settings			●	●	●	●	●
INSTALLATION TYPE		Wall	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling
Recessed mounting		IP 20/IP 44	IP 20	IP 20	IP 20	IP 20	IP 20
Surface mounting with surface-mounted box (accessory)		IP 20/IP 44	IP 20/IP 54	IP 20/IP 54	IP 20/IP 54	IP 20/IP 54	IP 20/IP 54
Recessed ceiling mounting with installation set (accessory)			IP 20	IP 20	IP 20	IP 20	IP 20
The parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.							
ACCESSORIES							
Remote control Mobil-PDi/MDi	EM10425509	●	●	●	●		●
Remote control Mobil-PDi/plus	EM10425530					●	
Remote control Mobil-PDi/User	EM10425547					●	
MD/PD 180 slave	 EM10410024	●					
PD-C360/8 slave	 EP10055379		●	●	●	●	●
PD-C360/24 slave	 EP10055386		●	●	●	●	●
PD-C360/24 DC24V slave	 EP10425325						
Surface-mounted box-C IP 20 white	EP10425370		●	●	●	●	●
Surface-mounted box-C IP 20 silver	EP10425387		●	●	●	●	●
Surface-mounted box-C IP 54 white	EP10425905		●	●	●	●	●
Surface-mounted box-C IP 54 silver	EP10425912		●	●	●	●	●
Ceiling-mounted set-C	EP10425929		●	●	●	●	●
Cover set-C360/8 silver	EP10425936		●	●			
Cover set-C360/24 silver	EP10425431				●	●	●
IP 20 cover various colours	see page 17	●					
Cover IP 44 white	EM10055157	●					
Surface-mounted box IP 20/IP 44 white	EM10055164	●					
SEE PAGE		-	24/25	26/27	26/27	32/33	34/35

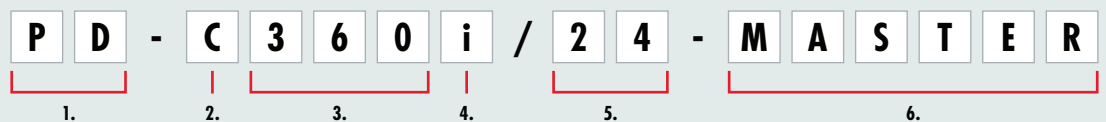


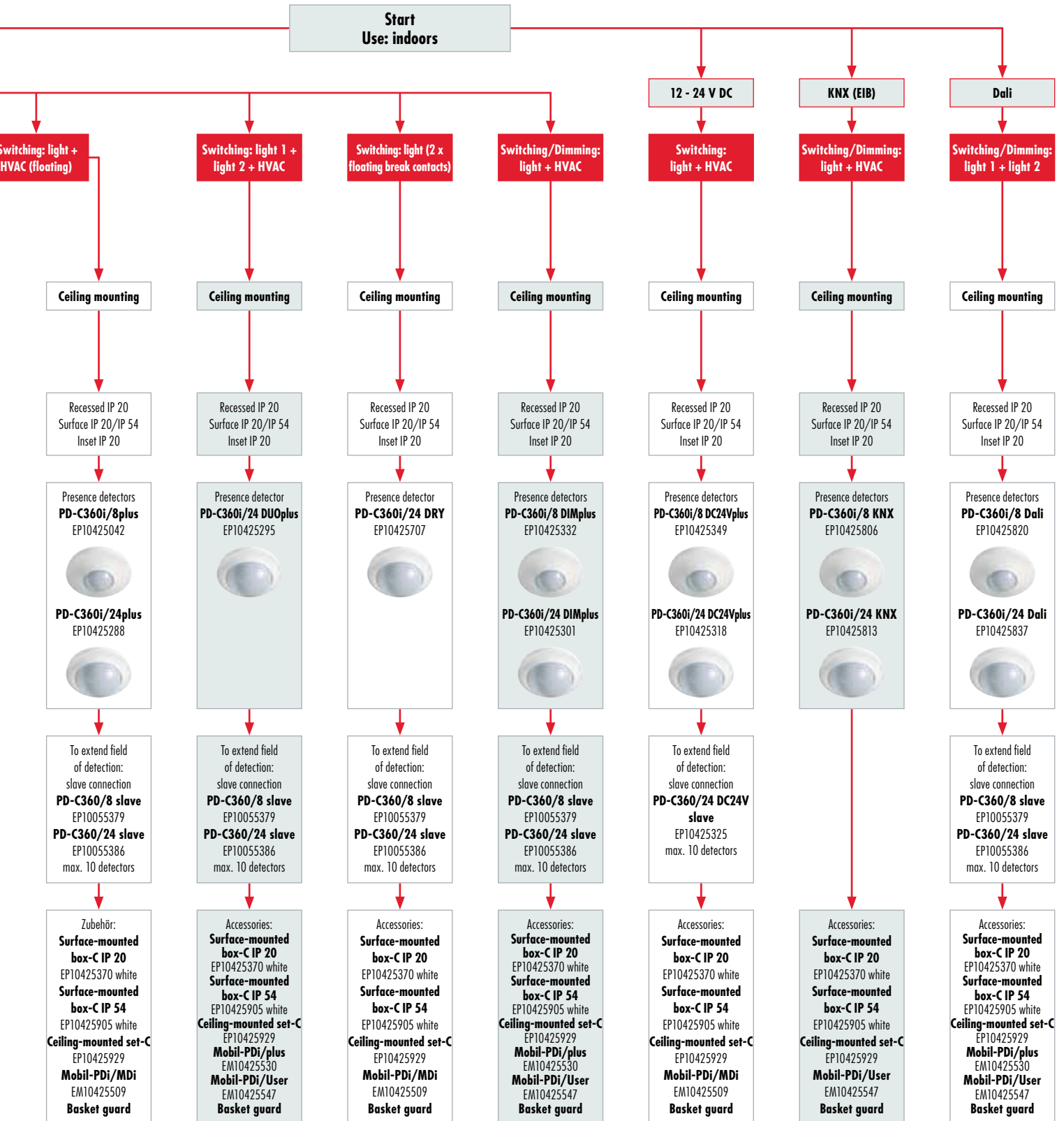
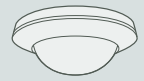
DECISION MATRIX PRESENCE/MOTION DETECTORS



Product key

Example





1.	Device type	PD = Presence detector MD = Motion detector
2.	Series	C = Compact
3.	Sensing range in degrees	
4.	Remote controllable	i = Infrared
5.	Ø range in metres (installation height of 3 m)	

6.	Device type	Master = Main device Slave = Additional device*
		DIM = Constant light control
		plus = HVAC contact (heating/ventilation/air conditioning)
		DUO = 2-channel light measurement
		R = Relay output

T	= Triac output
DC24V	= 12 - 24 V DC
KNX	= KNX (EIB) bus technology
Dali	= Dali light control
DRY	= Break contact/floating
mini	= small inset version

*for extending a master device's field of detection



Motion detectors 230 V AC/1 channel – switching

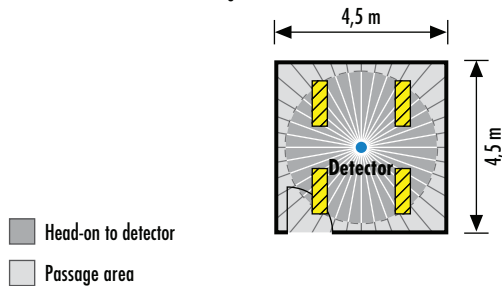
For premises without or with very little natural light that are used for short periods; suitable for larger walking movements



Switches dependent on natural light and movement

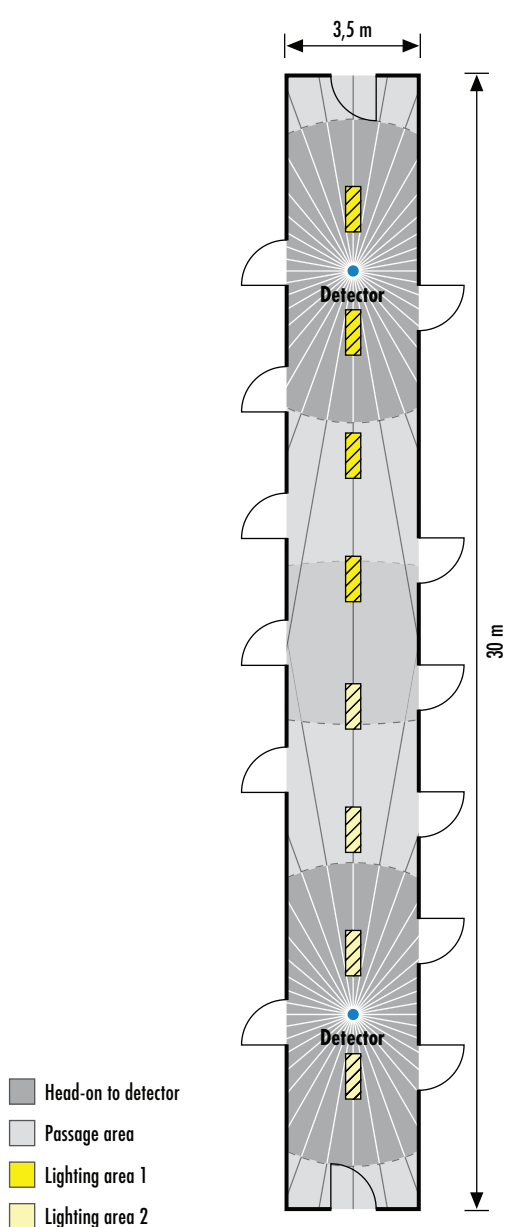
Application example for MD-C360/8

Small storeroom with no natural light



Application example for MD-C360i/24 (2 detectors)

Long hallway with no natural light divided into 2 lighting areas



MD-C360/8

- Ceiling-mounted motion detector with 360° field of detection and a range of up to 8 m in diameter
- Adjustment of detector with hidden setting elements

MD-C360i/24

- Ceiling-mounted motion detector with 360° field of detection and a range of up to 24 m in diameter
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function
"room = ON + OFF/hallway = ON"

General short description

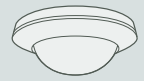
MD-C360/8, MD-C360i/24

- Recessed-mounted device as standard
- Surface or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in "silver" as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- Extension of the field of detection with parallel connection of max. 8 detectors
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min

Other application examples

Automatic lighting control for use without or with very little natural light

- Corridors, hallways, passageways
- Staircases, basement access ways, basement areas or storerooms
- Garages, car parks, car ports, underground car parks
- Changing rooms, toilets, storage rooms
- Sports centres, industrial and business facilities



Motion detectors 230 V AC/1 channel – switching

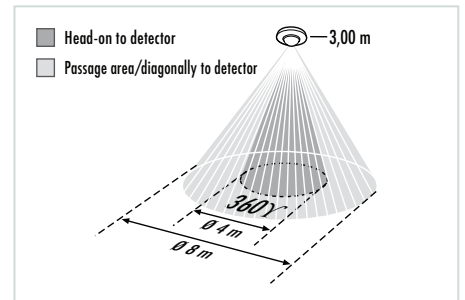
ESYLUX MD-C360/8

white, similar to RAL 9010 Item no. EP10055355



Ceiling-mounted motion detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 1000 W/5 A (cos φ = 1), 500 VA/2,5 A (cos φ = 0,5)
 Parallel connection max. 8 devices
 Key input no
 Settings on the device via adjusting controller
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,33 W



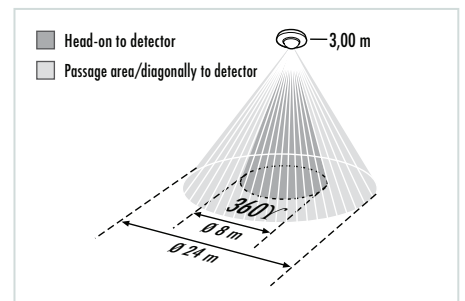
ESYLUX MD-C360i/24

white, similar to RAL 9010 Item no. EP10055317



Ceiling-mounted motion detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 2300 W/10 A (cos φ = 1), 1150 VA/5 A (cos φ = 0,5)
 Electronic ballast 30 x (1 x 18 W); 20 x (2 x 18 W); 25 x (1 x 36 W); 15 x (2 x 36 W); 20 x (1 x 58 W); 10 x (2 x 58 W)
 Parallel connection max. 8 devices
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,33 W



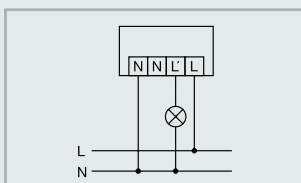
Accessories (detailed on pages 42 - 44)

Item no.

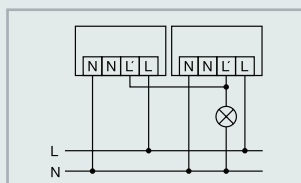
Remote control Mobil-PDi/MDi	silver/metallic blue	EM10425509
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/8	silver	EP10425936
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929

Circuit diagrams

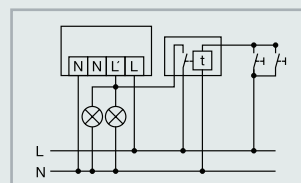
Motion detector MD-C360/8



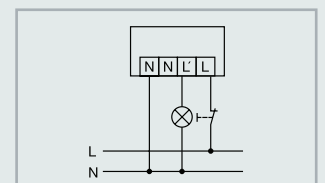
Standard operation



Parallel connection of max. 8 devices

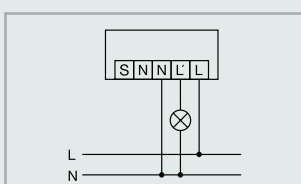


Parallel connection with automatic stairwell light

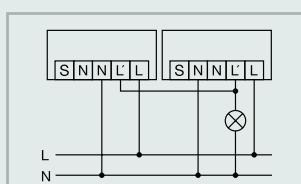


Standard operation with the additional possibility of switching on by hand

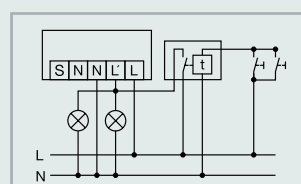
Motion detector MD-C360i/24



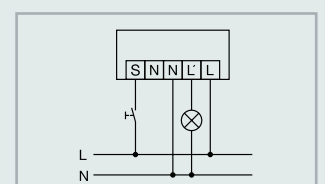
Standard operation



Parallel connection of max. 8 devices



Parallel connection with automatic stairwell light



Standard operation with additional control by means of a button



Presence detector 230 V AC/1 channel – switching

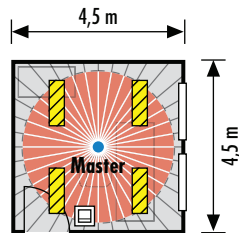
For premises with natural light and long periods of use, particularly suitable for seated activities



Switches dependent on natural light and presence

Application example for PD-C360i/8 - Master

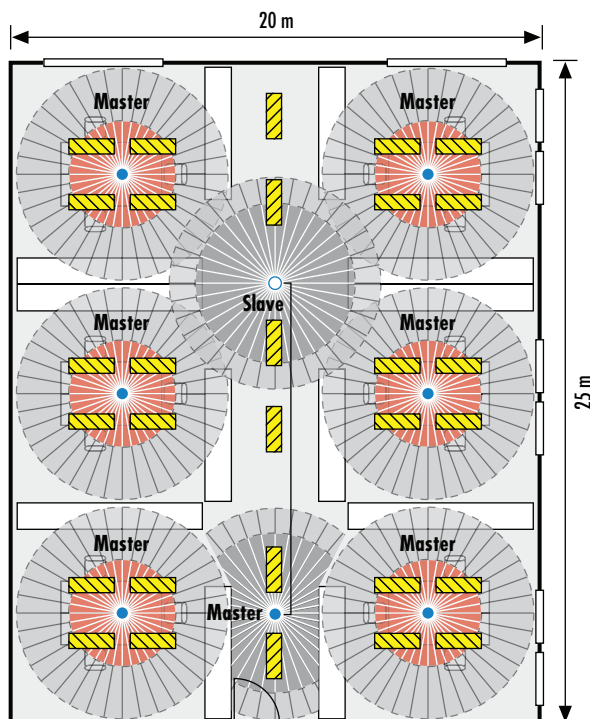
Office with natural light and optional manual switching by button



- Working area
- Passage area

Application example for PD-C360i/8 - Master

Open-plan office with natural light, separate working areas and walkways



- Working area
- Head-on to detector
- Passage area

PD-C360i/8

- Automatic light control depending on presence and natural light
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function “room = ON + OFF/hallway = ON”
- Detector can be used as fully automatic or semiautomatic device
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in “silver” as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended through connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min

Other application examples

Automatic lighting control for applications with natural light

- Corridors, hallways, passageways, staircases, basement access ways, changing rooms, toilets



Presence detector 230 V AC/1 channel – switching

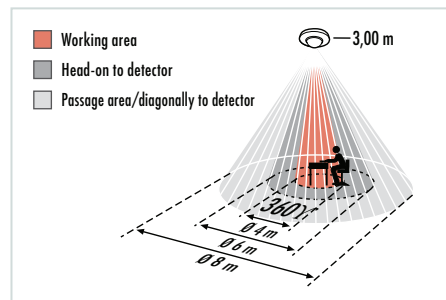
ESYLUX PD-C360i/8 - Master

white, similar to RAL 9010 Item no. EP10425059



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 2300 W/10 A (cos φ = 1), 1150 VA/5 A (cos φ = 0,5)
 Electronic ballast 30 x (1 x 18 W); 20 x (2 x 18 W); 25 x (1 x 36 W);
 15 x (2 x 36 W); 20 x (1 x 58 W); 10 x (2 x 58 W)
 Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,33 W



Accessories (detailed on pages 42 - 44)

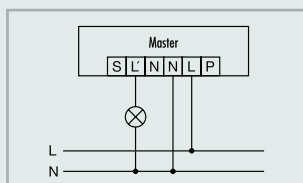
Item no.

PD-C360/8 slave	white, similar to RAL 9010	EP10055379
PD-C360/24 slave	white, similar to RAL 9010	EP10055386
Remote control Mobil-PDi/MDi	silver/metallic blue	EM10425509
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/8	silver	EP10425936
Ceiling-mounted set-C	white	EP10425929

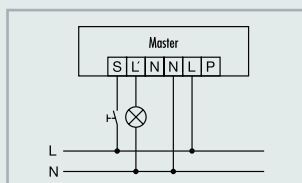
Circuit diagrams

Presence detector PD-C360i/8 - Master

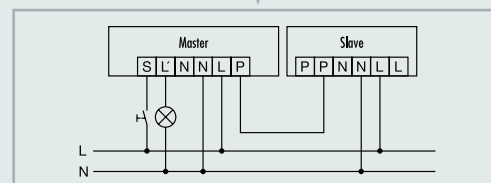
Can be combined with slave version



Standard operation



Standard operation with additional control by means of a closing button. If required, the light can be switched on or off with the button.



Master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of movement.

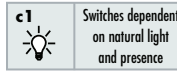
Note: a maximum of 10 slave devices may be connected to one master.

NB: the parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.



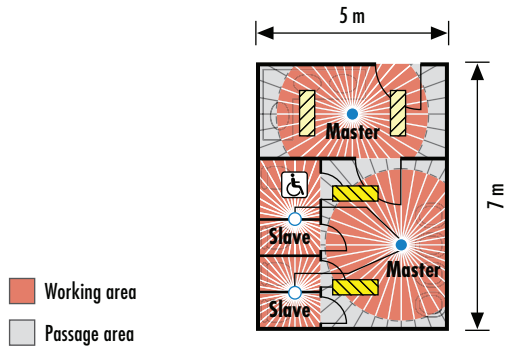
Presence detectors 230 V AC/2 channel – switching

For premises with natural light that are used for long periods; particularly suitable for seated activities



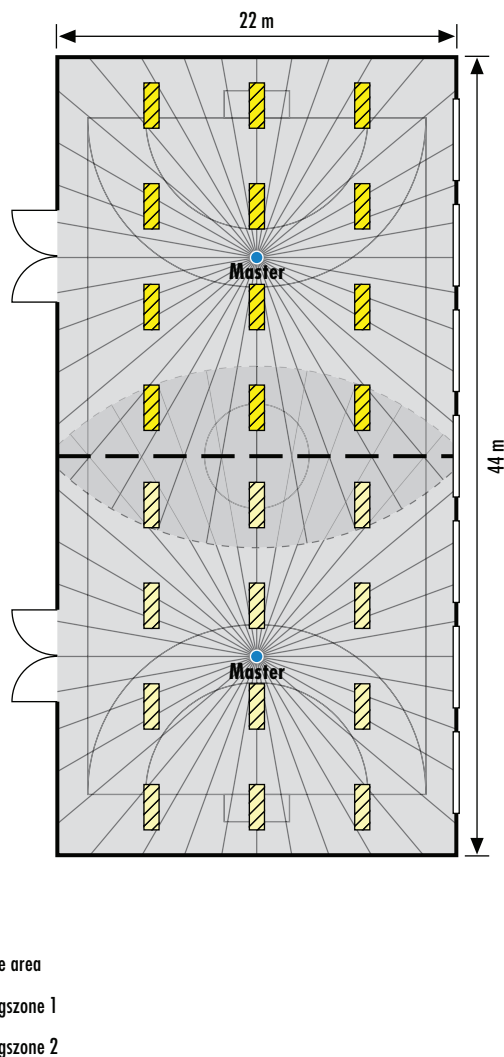
Application example for PD-C360i/8plus - Master

Toilet facilities with automatic lighting/ventilation control



Application example for PD-C360i/24plus - Master

Sports hall (height 9 m) with automatic light measurement for each section of hall



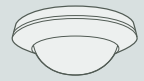
PD-C360i/8plus, PD-C360i/24plus

- Automatic light control (channel 1) depending on presence and natural light
- HVAC floating switch contact (channel 2) for controlling heating, ventilation and air conditioning depending on presence
- PD-C360i/24plus is ideal for use in areas with high ceilings of up to 10 m
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function “room = ON + OFF/hallway = ON”
- Detector can be used as fully automatic or semiautomatic device (channel 1)
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in “silver” as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended through connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min (channel 1)
- Time settings: impulse/5 min - 120 min (channel 2)

Other application examples

Automatic light control for applications with natural light and additional control of heating, ventilation or air conditioning

- Corridors, hallways, passageways, staircases, basement access ways, changing rooms, toilets
- Classrooms, sports halls, conference facilities, offices, open-plan offices, hotel rooms and hallways, hospitals, care homes
- Industrial and business facilities
- Sports centres, fitness centres, warehouses, exhibition halls



Presence detectors 230 V AC/2 channel – switching

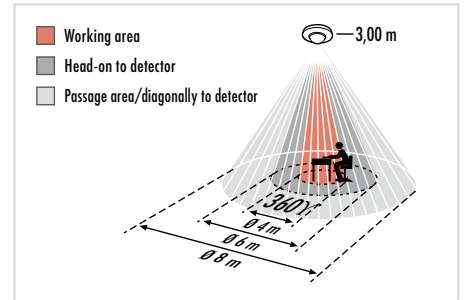
ESYLUX PD-C360i/8plus - Master

white, similar to RAL 9010 Item no. EP10425042



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 2300 W/10 A (cos φ = 1), 1150 VA/5 A (cos φ = 0,5)
 Electronic ballast 30 x (1 x 18 W); 20 x (2 x 18 W); 25 x (1 x 36 W); 15 x (2 x 36 W); 20 x (1 x 58 W); 10 x (2 x 58 W)
 Channel 2 = HVAC floating/NO 230 V AC/2 A, 24 V DC/2 A
 Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,33 W



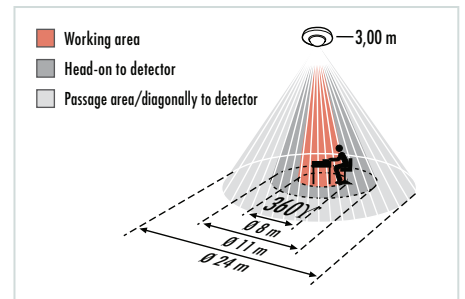
ESYLUX PD-C360i/24plus - Master

white, similar to RAL 9010 Item no. EP10425288



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 2300 W/10 A (cos φ = 1), 1150 VA/5 A (cos φ = 0,5)
 Electronic ballast 30 x (1 x 18 W); 20 x (2 x 18 W); 25 x (1 x 36 W); 15 x (2 x 36 W); 20 x (1 x 58 W); 10 x (2 x 58 W)
 Channel 2 = HVAC floating/NO 230 V AC/2 A, 24 V DC/2 A
 Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,33 W



Type	Installation height	Range Ø	Area
PD-C360i/24plus	5 m	~ 28 m	~ 600 m ²
	10 m	~ 32 m	~ 800 m ²

Accessories (detailed on pages 42 - 44)

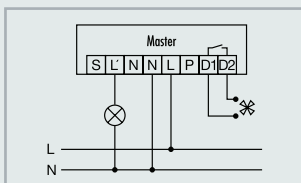
Item no.

PD-C360/8 slave	white, similar to RAL 9010	EP10055379
PD-C360/24 slave	white, similar to RAL 9010	EP10055386
Remote control Mobil-PDi/MDi	silver/metallic blue	EM10425509
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/8	silver	EP10425936
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929

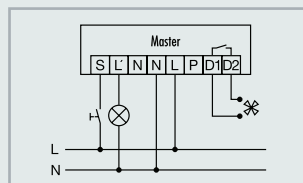
Circuit diagrams

Presence detectors PD-C360i/8plus - Master, PD-C360i/24plus - Master

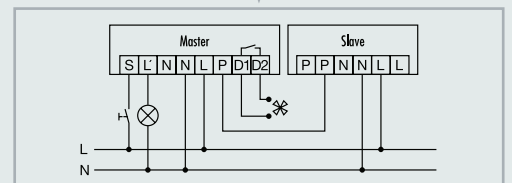
Can be combined with slave version



Standard operation



Standard operation with additional control by means of a closing button. If required, the light can be switched on or off with the button.



Master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of movement.

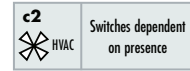
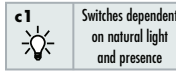
Note: a maximum of 10 slave devices may be connected to one master.

NB: the parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.



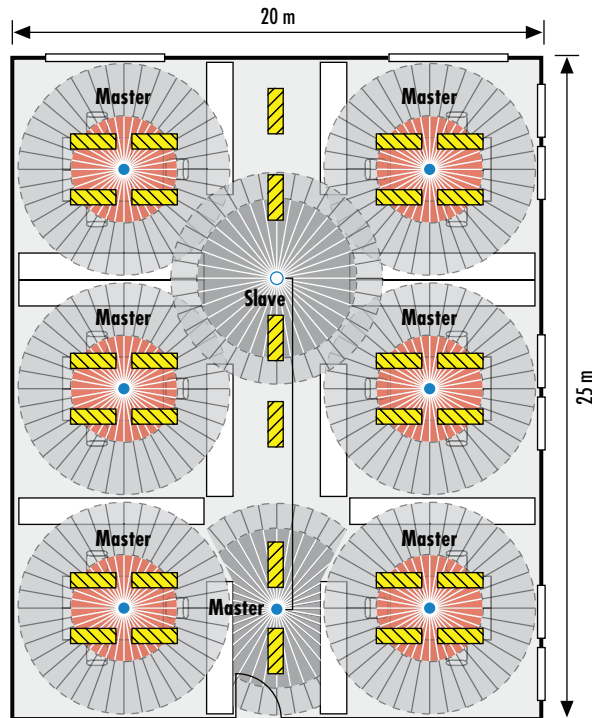
Presence detectors 12 - 24 V DC/2 channel – switching

For premises with natural light that are used for long periods; particularly suitable for seated activities



Application example for PD-C360i/8 DC24Vplus - Master

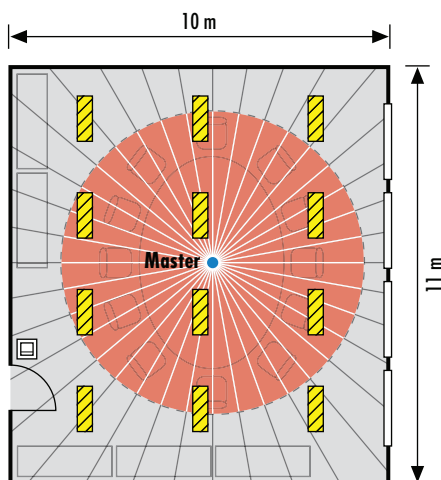
Open-plan office with natural light, separate working areas and walkways



- Working area
- Head-on to detector
- Passage area

Application example for PD-C360i/24 DC24Vplus - Master

Conference room with natural light and optional manual switching by button



- Working area
- Passage area

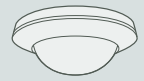
PD-C360i/8 DC24Vplus, PD-C360i/24 DC24Vplus

- Ceiling-mounted presence detectors for 12 - 24 V DC
- Automatic light control (channel 1) depending on presence and natural light
- Additional HVAC switch contact (channel 2) for controlling heating, ventilation and air conditioning depending on presence
- PD-C360i/24 DC24Vplus is ideal for use in areas with high ceilings of up to 10 m
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Display of measured light value via 0 - 10 V in-built analogue output e.g. for use in facility management programmable control system
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function "room = ON + OFF/hallway = ON"
- Detector can be used as fully automatic or semiautomatic device (channel 1)
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in "silver" as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended through connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min (channel 1)
- Time settings: impulse/5 min - 120 min (channel 2)

Other application examples

Automatic light control for applications with natural light and additional control of heating, ventilation or air conditioning

- Corridors, hallways, passageways, staircases, basement access ways, changing rooms, toilets
- Classrooms, sports halls, conference facilities, offices, open-plan offices, hotel rooms and hallways, hospitals, care homes
- Industrial and business facilities
- Sports centres, fitness centres, warehouses, exhibition halls



Presence detectors 12 - 24 V DC/2 channel – switching

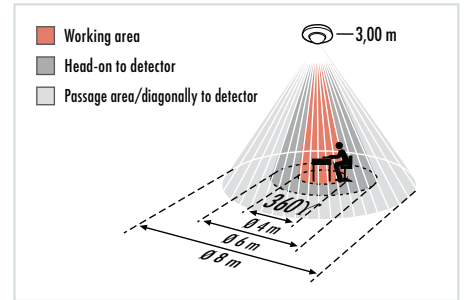
ESYLUX PD-C360i/8 DC24Vplus - Master

white, similar to RAL 9010 Item no. EP10425349



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 12 - 24 V DC
 Channel 1 = Lighting 12 - 24 V DC/2 A
 Channel 2 = HVAC 12 - 24 V DC/2 A
 Analogue output 0 - 10 V DC
 Slave input yes (PD-C360/24 DC24V slave)
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,25 W



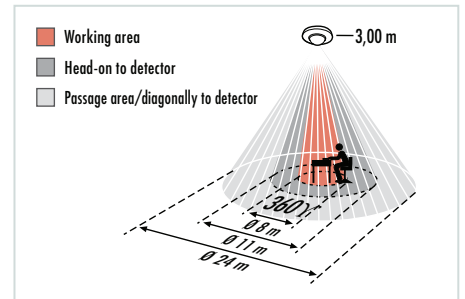
ESYLUX PD-C360i/24 DC24Vplus - Master

white, similar to RAL 9010 Item no. EP10425318



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 12 - 24 V DC
 Channel 1 = Lighting 12 - 24 V DC/2 A
 Channel 2 = HVAC 12 - 24 V DC/2 A
 Analogue output 0 - 10 V DC
 Slave input yes (PD-C360/24 DC24V slave)
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,25 W



Type	Installation height	Range Ø	Area
PD-C360i/24 DC24Vplus	5 m	~ 28 m	~ 600 m ²
	10 m	~ 32 m	~ 800 m ²

Accessories (detailed on pages 42 - 44)

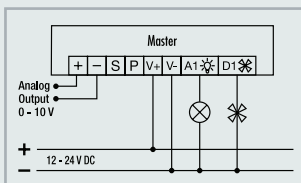
Item no.

PD-C360/24 DC24V slave	white, similar to RAL 9010	EP10425325
Remote control Mobil-PDi/MDi	silver/metallic blue	EM10425509
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/8	silver	EP10425936
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929

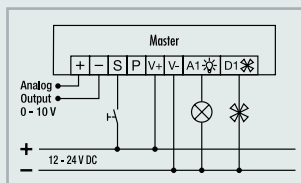
Circuit diagrams

Presence detectors PD-C360i/8 DC24Vplus - Master, PD-C360i/24 DC24Vplus - Master

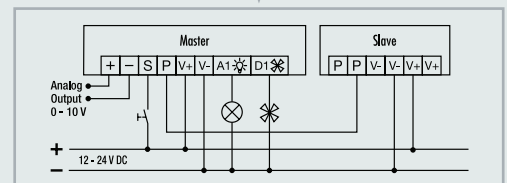
Can be combined with slave version



Standard operation



Standard operation with additional control by means of a closing button. If required, the light can be switched on or off with the button.



Master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of movement.

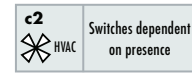
Note: a maximum of 10 slave devices may be connected to one master.

NB: the parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.



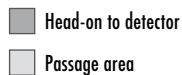
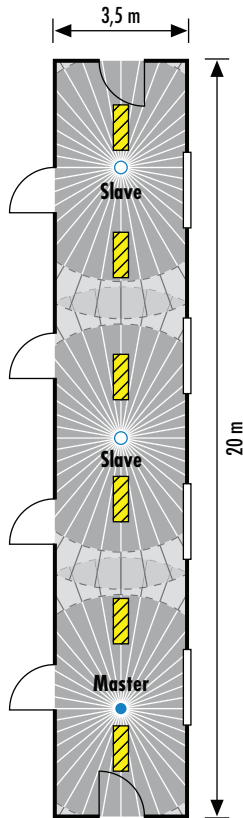
Presence detectors 230 V AC/2 channel – switching/dimming

For premises with natural light that are used for long periods; particularly suitable for seated activities



Application example for PD-C360i/8 DIMplus - Master

Hallway with natural light and use of orientation light (10%)

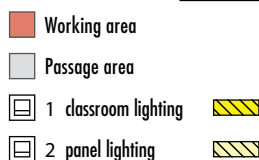
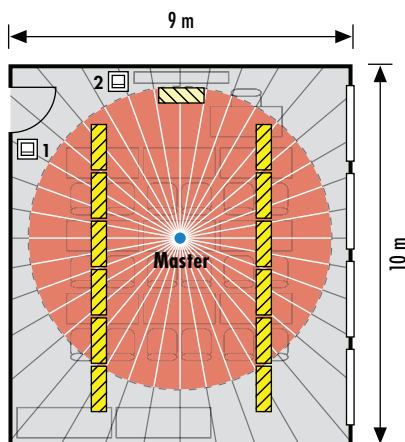


PD-C360i/8 DIMplus, PD-C360i/24 DIMplus

- Automatic light control (channel 1) to a constant brightness level, depending on presence and natural light (1 - 10 V DC interface)
- Additional HVAC contact (channel 2) for switching an additional light source or controlling heating, ventilation and air conditioning depending on presence
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional key input per channel for individual control and dimming of lights
- The detector can be used as a fully automatic or semiautomatic device (channel 1 + 2)
- Lowering of the luminous efficiency to 10% after expiration of the time setting for use as orientation light for hallways and passageways
- With in-built switch-off warning
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in "silver" as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended through connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min (channel 1)
- Time settings: impulse/5 min - 120 min (channel 2)

Application example for PD-C360i/24 DIMplus - Master

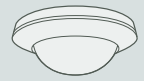
Classroom with lighting control according to natural light and switchable panel lighting



Other application examples

Demand-actuated control to a constant brightness level (dimming)

- Additional control of heating, ventilation and air conditioning in offices, warehouses, meeting and conference rooms or for controlling panel lighting in classrooms
- Orientation light (10%) for underground car parks, halls, corridors and hallways, clinics, saunas, solariums and fitness centres



Presence detectors 230 V AC/2 channel – switching/dimming

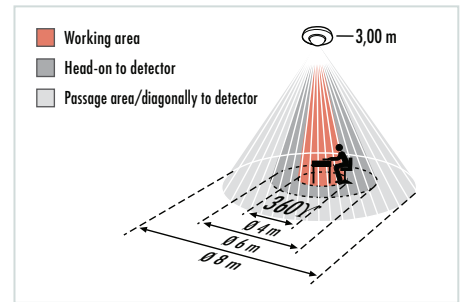
ESYLUX PD-C360i/8 DIMplus - Master

white, similar to RAL 9010 Item no. EP10425332



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
Channel 1 = Lighting 2300 W/10 A (cos φ = 1), 1150 VA/5 A (cos φ = 0,5)
Electronic ballast 30 x (1 x 18 W); 20 x (2 x 18 W); 25 x (1 x 36 W); 15 x (2 x 36 W); 20 x (1 x 58 W); 10 x (2 x 58 W)
Control output 1 - 10 V DC/100 mA
No. of electronic ballasts max. 50
Channel 2 = HVAC 1000 W/4,5 A (cos φ = 1), 500 VA/2,25 A (cos φ = 0,5)
Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
Key input yes, per channel
Settings on device or via infrared remote control Mobil-PDi/plus
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 0,33 W



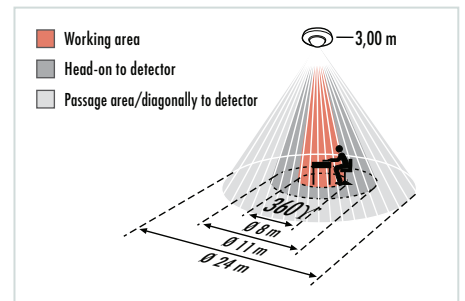
ESYLUX PD-C360i/24 DIMplus - Master

white, similar to RAL 9010 Item no. EP10425301



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
Channel 1 = Lighting 2300 W/10 A (cos φ = 1), 1150 VA/5 A (cos φ = 0,5)
Electronic ballast 30 x (1 x 18 W); 20 x (2 x 18 W); 25 x (1 x 36 W); 15 x (2 x 36 W); 20 x (1 x 58 W); 10 x (2 x 58 W)
Control output 1 - 10 V DC/100 mA
No. of electronic ballasts max. 50
Channel 2 = HVAC 1000 W/4,5 A (cos φ = 1), 500 VA/2,25 A (cos φ = 0,5)
Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
Key input yes, per channel
Settings on device or via infrared remote control Mobil-PDi/plus
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 0,33 W



Type	Installation height	Range Ø	Area
PD-C360i/24 DIMplus	5 m	~ 28 m	~ 600 m ²

Accessories (detailed on pages 42 - 44)

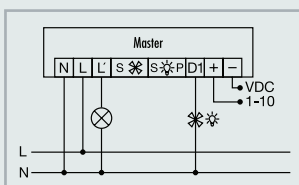
Item no.

PD-C360/8 slave	white, similar to RAL 9010	EP10055379
PD-C360/24 slave	white, similar to RAL 9010	EP10055386
Remote control Mobil-PDi/plus	silver/metallic green	EM10425530
Remote control Mobil-PDi/User	silver/metallic green	EM10425547
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/8	silver	EP10425936
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929

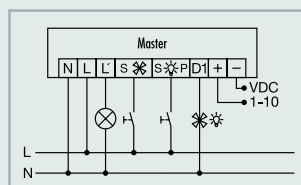
Circuit diagrams

Presence detectors PD-C360i/8 DIMplus - Master, PD-C360i/24 DIMplus - Master

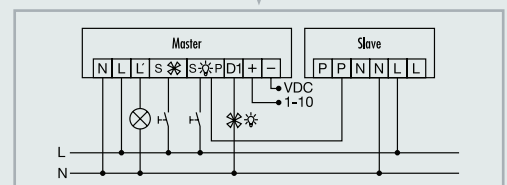
Can be combined with slave version



Standard operation



Standard operation with additional control by means of a closing button. If required, the light can be switched on or off with the button.



Master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of movement.




Note: a maximum of 10 slave devices may be connected to one master.

NB: the parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.



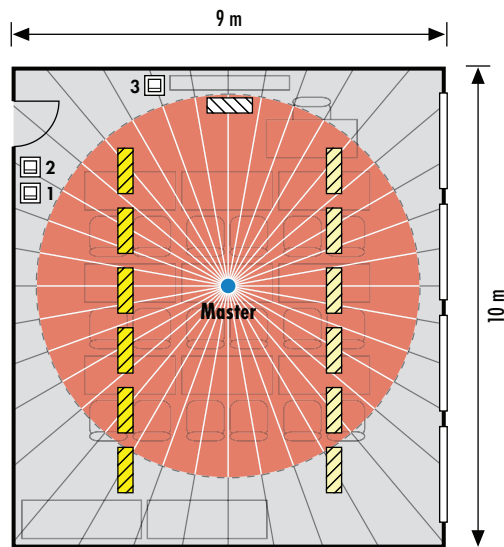
Presence detector 230 V AC/3 channel – switching






For premises with natural light that are used for long periods; particularly suitable for seated activities

c1 	Switches dependent on natural light and presence	c2 	Switches dependent on natural light and presence	c3 	Switches dependent on presence
--	--	--	--	--	--------------------------------

Application example for PD-C360i/24 DUOplus - Master

Classroom with separate lighting control for each section
(bank of windows and wall side as well as controllable panel lighting)



	Working area
	Passage area
	1 lighting, bank of windows
	2 lighting, wall side
	3 panel lighting

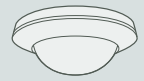
PD-C360i/24 DUOplus

- Automatic and independent control of 2 lighting areas (window and internal areas) depending on presence and natural light
- Additional HVAC contact (channel 3) for switching an additional light source or controlling heating, ventilation and air conditioning depending on presence
- Ideal for use in areas with high ceilings of up to 10 m
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function “room = ON + OFF/hallway = ON”
- Detector can be used as fully automatic or semiautomatic device
- Recessed-mounted device as standard
- Surface or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in “silver” as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended through connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min (channel 1 + 2)
- Time settings: impulse/5 min - 15 min (channel 3)

Other application examples

Automatic, independent control of 2 lighting areas (e.g. window and internal areas) and additional control of heating, ventilation and air conditioning or control of panel lighting in classrooms

- Offices, schools, sports halls, warehouses, meeting and conference rooms
- Corridors, hallways and passageways in hospitals and care homes
- Fitness centres, industrial and business facilities, exhibition halls



Presence detector 230 V AC/3 channel – switching

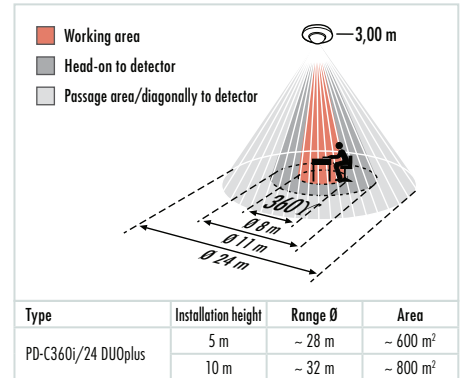
ESYLUX PD-C360i/24 DUOplus - Master

white, similar to RAL 9010 Item no. EP10425295



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
Channel 1 = Lighting 1000 W/4,5 A (cos φ = 1), 500 VA/2,25 A (cos φ = 0,5)
Electronic ballast 15 x (1 x 18 W); 10 x (2 x 18 W); 10 x (1 x 36 W); 6 x (2 x 36 W); 6 x (1 x 58 W); 4 x (2 x 58 W)
Channel 2 = Lighting 1000 W/4,5 A (cos φ = 1), 500 VA/2,25 A (cos φ = 0,5)
Electronic ballast 15 x (1 x 18 W); 10 x (2 x 18 W); 10 x (1 x 36 W); 6 x (2 x 36 W); 6 x (1 x 58 W); 4 x (2 x 58 W)
Channel 3 = HVAC 1000 W/4,5 A (cos φ = 1), 500 VA/2,25 A (cos φ = 0,5)
Electronic ballast 15 x (1 x 18 W); 10 x (2 x 18 W); 10 x (1 x 36 W); 6 x (2 x 36 W); 6 x (1 x 58 W); 4 x (2 x 58 W)
Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
Key input yes, per channel
Settings on device or via infrared remote control Mobil-PDi/plus
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 0,33 W



Accessories (detailed on pages 42 - 44)

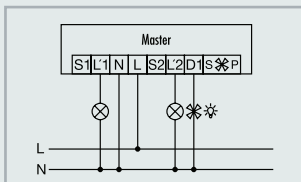
Item no.

PD-C360/8 slave	white, similar to RAL 9010	EM10425547
PD-C360/24 slave	white, similar to RAL 9010	EP10055386
Remote control Mobil-PDi/plus	silver/metallic green	EM10425530
Remote control Mobil-PDi/User	silver/metallic green	EM10425547
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929

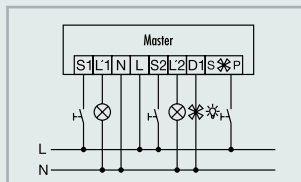
Circuit diagrams

Presence detector PD-C360i/24 DUOplus - Master

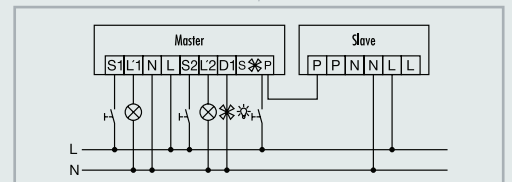
Can be combined with slave version



Standard operation



Standard operation with additional control by means of a closing button. If required, the light can be switched on or off with the button.



Master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of movement.

Note: a maximum of 10 slave devices may be connected to one master.

NB: the parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.



Presence detector 230 V AC/1 channel – 2 x switching/floating

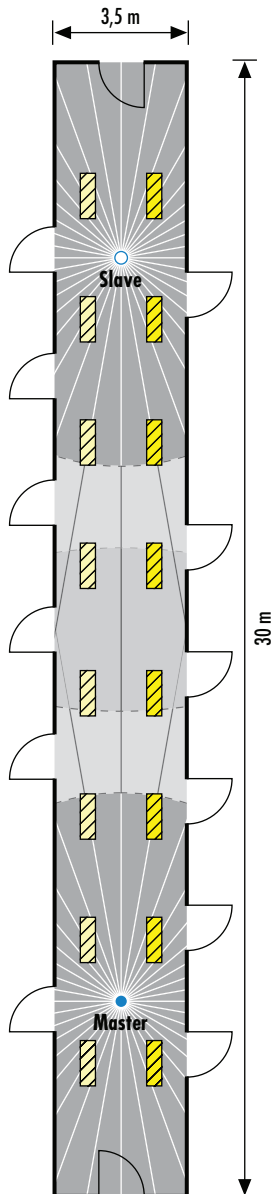
For premises with natural light that are used for long periods; particularly suitable for seated activities



Switches dependent on natural light and presence

Application example for PD-C360i/24 DRY - Master

Hospital hallway with two separate lighting strips, in an emergency switches to emergency power supply



- Head-on to detector
- Passage area
- Lighting strip 1
- Lighting strip 2

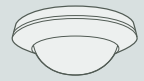
PD-C360i/24 DRY

- Automatic light control with 2 contacts depending on presence and natural light
- Floating break contacts for controlling lighting on separate phases or via a 230 V AC emergency power supply
- Ideal for use in areas with high ceilings of up to 10 m
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function “room = ON + OFF/hallway = ON”
- Detector can be used as fully automatic or semiautomatic device
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in “silver” as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended through connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min

Other application examples

Automatic light control with floating break contacts for controlling lighting on separate phases or via a 230 V AC emergency power supply

- Corridors, hallways and passageways in hospitals and care homes
- Staircases, basement access ways



Presence detector 230 V AC/1 channel – 2 x switching/floating

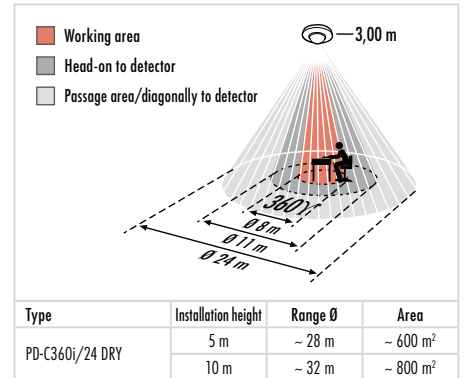
ESYLUX PD-C360i/24 DRY - Master

white, similar to RAL 9010 Item no. EP10425707



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Contact 1 floating/NC 230 V AC/5 A, 24 V DC/5 A
 Electronic ballast 15 x (1 x 18 W); 10 x (2 x 18 W); 10 x (1 x 36 W); 6 x (2 x 36 W); 6 x (1 x 58 W); 4 x (2 x 58 W)
 Contact 2 floating/NC 230 V AC/5 A, 24 V DC/5 A
 Electronic ballast 15 x (1 x 18 W); 10 x (2 x 18 W); 10 x (1 x 36 W); 6 x (2 x 36 W); 6 x (1 x 58 W); 4 x (2 x 58 W)
 Slave input yes (PD-C360/8 slave, PD-C360/24 slave)
 Key input yes, both contacts simultaneously
 Settings on device or via infrared remote control Mobil-PDi/MDi
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
 Power consumption approx. 0,33 W



Accessories (detailed on pages 42 - 44)

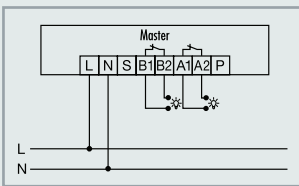
Item no.

PD-C360/8 slave	white, similar to RAL 9010	EP10055379
PD-C360/24 slave	white, similar to RAL 9010	EP10055386
Remote control Mobil-PDi/MDi	silver/metallic blue	EM10425509
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929

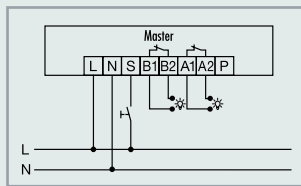
Circuit diagrams

Presence detector PD-C360i/24 DRY - Master

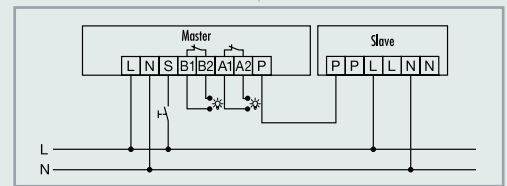
Can be combined with slave version



Standard operation



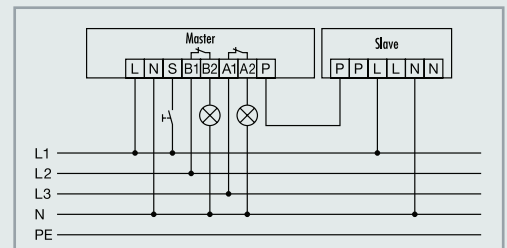
Standard operation with additional control by means of a closing button. If required, the light can be switched on or off with the button.



Master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of presence.

Note: a maximum of 10 slave devices may be connected to one master.

NB: the parallel connection of two or more presence detectors is not possible. The slave device (available as an accessory) can be used to extend the field of detection.



Operation with connection to separate phases as master/slave circuit: the master device controls connected systems according to the programmed settings. The purpose of a slave device is solely to register presence and transmit a signal to the master device upon detection of presence.

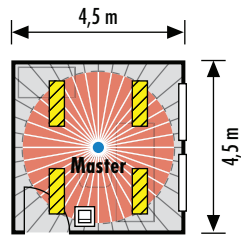


Presence detectors KNX

For premises with natural light that are used for long periods; particularly suitable for seated activities

Application example for PD-C360i/8 KNX

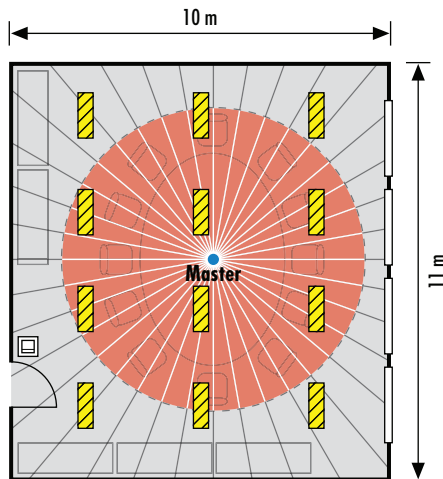
Office with natural light and optional manual switching by KNX button



- Working area
- Passage area

Application example for PD-C360i/24 KNX

Conference room with constant light control and optional manual switching/dimming by KNX button



- Working area
- Passage area

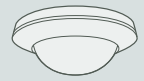
PD-C360i/8 KNX, PD-C360i/24 KNX

- KNX ceiling-mounted presence detectors with 360° field of detection
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function setting via ETS (Engineering Tool Software)
- PD-C360i/24 KNX is ideal for use in areas with high ceilings of up to 10 m (switching only)
- Manual, temporary switching/dimming via user remote control
- Communication objects (depending on version) (please refer to the website www.esylux.com for a full listing of communication objects)
 - Constant light control or switching
 - Block object for light/heating, ventilation and air conditioning (HVAC)
 - Light value output (2 byte)
 - Status report
 - Heating, ventilation and air conditioning (HVAC) presence output
 - Can be used as "Master" or "Slave"
 - KNX button control for light channels
 - Fully automatic or semiautomatic
 - 2 light values selectable for orientation light 10% - 50%
 - Test mode
 - Correction factor for interior lighting
 - Alarm output
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in "silver" as an accessory)
- Targeted masking out of areas by means of enclosed lens mask

Other application examples

Automatic, independent control of 2 lighting areas (e.g. window and internal areas) and additional control of heating, ventilation and air conditioning or control of panel lighting in classrooms (depending on type)

- Offices, schools, sports halls, warehouses, meeting and conference rooms
- Corridors, hallways and passageways in hospitals and care homes
- Fitness centres, industrial and business facilities, exhibition halls



Presence detectors KNX

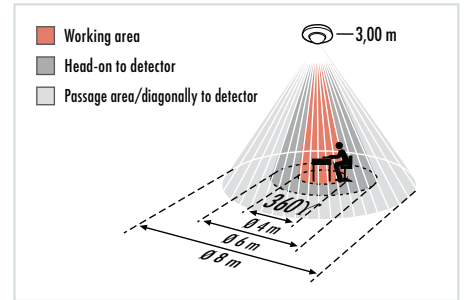
ESYLUX PD-C360i/8 KNX - Master

white, similar to RAL 9010 Item no. EP10425806



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Bus voltage 24 V DC via KNX system device
Settings via ETS software, electronically for temporary period by infrared Mobil-PDi/User remote control (order separately)
Light channel c1 + c2 switching/dimming
Time setting disabled/approx. 30 seconds - 30 min
Light measurement blended light
Light value disabled/approx. 5 - 2000 lux
Orientation light disabled/10% - 50% (2 values can be selected), only with controlling feature
Time setting continuous light/1 min - 250 min
Output presence
Turn-on delay disabled/2 min - 30 min
Time setting disabled/approx. 10 seconds/1 min - 60 min
KNX input manual light control, block objects, slave
KNX output presence, status, light value/master
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 10 mA



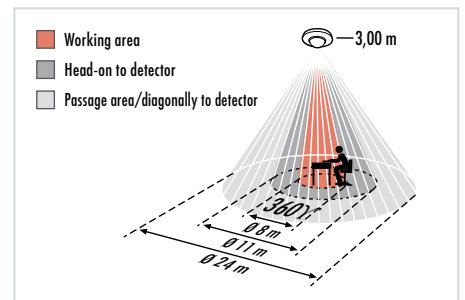
ESYLUX PD-C360i/24 KNX - Master

white, similar to RAL 9010 Item no. EP10425813



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Bus voltage 24 V DC via KNX system device
Settings via ETS software, electronically for temporary period by infrared Mobil-PDi/User remote control (order separately)
Light channel c1 + c2 switching/dimming
Time setting disabled/approx. 30 seconds - 30 min
Light measurement blended light
Light value disabled/approx. 5 - 2000 lux
Orientation light disabled/10% - 50% (2 values can be selected), only with controlling feature
Time setting continuous light/1 min - 250 min
Output presence
Turn-on delay disabled/2 min - 30 min
Time setting disabled/approx. 10 seconds/1 min - 60 min
KNX input manual light control, block objects, slave
KNX output presence, status, light value/master
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 10 mA



Type	Installation height	Range Ø	Area
PD-C360i/24 KNX	5 m	~ 28 m	~ 600 m²
	10 m*	~ 32 m	~ 800 m²

*not if constant light control

Accessories (detailed on pages 42 - 44)

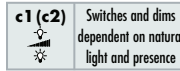
Item no.

Remote control Mobil-PDi/User	silver/metallic green	EM10425547
Surface-mounted box-C IP 20	white, similar to RAL 9010	EP10425370
Surface-mounted box-C IP 20	silver	EP10425387
Surface-mounted box-C IP 54	white, similar to RAL 9010	EP10425905
Surface-mounted box-C IP 54	silver	EP10425912
Cover set-C360/8	silver	EP10425936
Cover set-C360/24	silver	EP10425431
Ceiling-mounted set-C	white	EP10425929



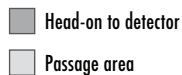
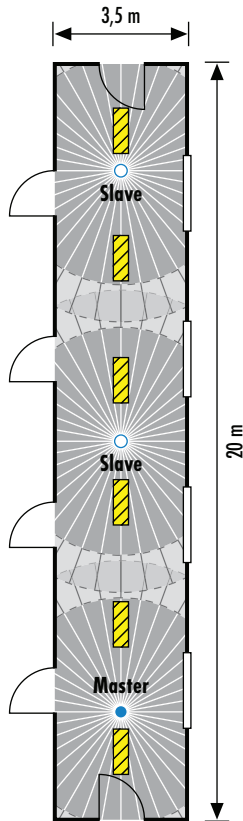
Dali presence detectors – switching/dimming

For premises with natural light that are used for long periods; particularly suitable for seated activities



Application example for PD-C360i/8 Dali - Master

Hallway with natural light and use of orientation light (10% of luminous efficiency)

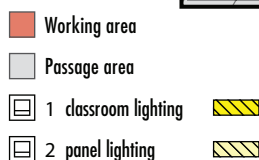
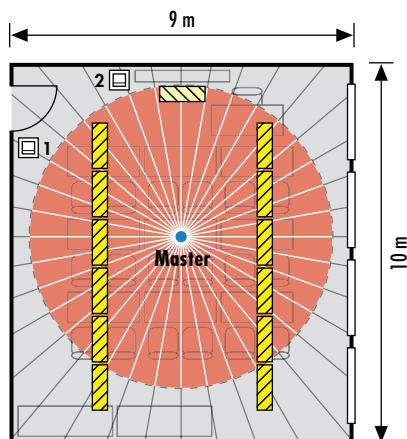


PD-C360i/8 Dali, PD-C360i/24 Dali

- Automatic light control to a constant brightness level, depending on presence and natural light (with Dali output)
- Control of Dali electronic ballasts as 1 channel (PD-C360i/8 Dali) and as 2 channel/DUO (PD-C360i/24 Dali)
- Simple programming using remote control or hidden setting elements
- Integrated toggle for setting with remote control or by adjusting controller – prevents operating errors and provides tamper protection
- Immediately ready for use thanks to in-built factory settings
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional key input per channel for individual control and dimming of lights
- The detector can be used as a fully automatic or semiautomatic device (channel 1 + 2)
- Lowering of the luminous efficiency to 10% after expiration of the time setting for use as orientation light for hallways and passageways
- With in-built switch-off warning
- Recessed-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in "silver" as an accessory)
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals
- The field of detection can be extended by connection of slave devices
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux/daytime operation
- Time settings: impulse/1 min - 30 min (channel 1 + 2)

Application example for PD-C360i/24 Dali - Master

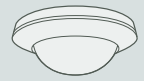
Classroom with lighting control according to natural light and switchable panel lighting



Other application examples

Demand-actuated control to a constant brightness level (dimming)

- Additional control of heating, ventilation and air conditioning in classrooms, offices, warehouses, meeting and conference rooms or for controlling panel lighting
- Orientation light (10%) for underground car parks, halls, corridors and hallways, clinics, saunas, solariums and fitness centres



Dali presence detectors – switching/dimming

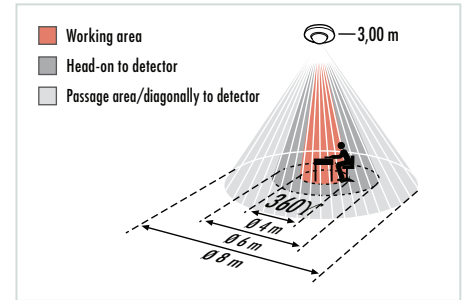
ESYLUX PD-C360i/8 Dali - Master

white, similar to RAL 9010 Item no. EP10425820



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Dali output 2-pin Dali control cable/broadcast
 No. of Dali electronic ballasts max. 25
 Slave input yes (PD-C360/8 slave; PD-C360/24 slave)
 Key input yes
 Settings on device or via infrared remote control Mobil-PDi/plus
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)



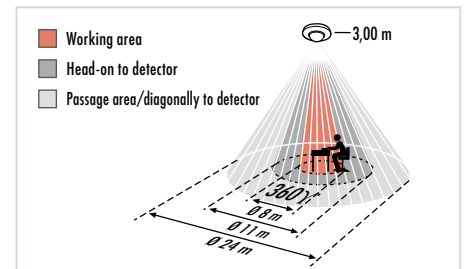
ESYLUX PD-C360i/24 Dali - Master

white, similar to RAL 9010 Item no. EP10425837



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Dali output 1 2-pin Dali control cable/broadcast
 Dali output 2 2-pin Dali control cable/broadcast
 No. of Dali electronic ballasts max. 12
 Slave input yes (PD-C360/8 slave; PD-C360/24 slave)
 Key input yes, per output
 Settings on device or via infrared remote control Mobil-PDi/plus
 Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)



Type	Installation height	Range Ø	Area
PD-C360i/24 Dali	5 m	~ 28 m	~ 600 m²

Accessories (detailed on pages 42 - 44)

Item no.

- PD-C360/8 slave
- PD-C360/24 slave
- Remote control Mobil-PDi/plus
- Remote control Mobil-PDi/User
- Surface-mounted box-C IP 20
- Surface-mounted box-C IP 20
- Surface-mounted box-C IP 54
- Surface-mounted box-C IP 54
- Cover set-C360/8
- Cover set-C360/24
- Ceiling-mounted set-C

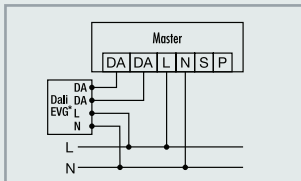
- white, similar to RAL 9010
- white, similar to RAL 9010
- silver/metallic green
- silver/metallic green
- white, similar to RAL 9010
- silver
- white, similar to RAL 9010
- silver
- silver
- silver
- white

- EP10055379
- EP10055386
- EM10425530
- EM10425547
- EP10425370
- EP10425387
- EP10425905
- EP10425912
- EP10425936
- EP10425431
- EP10425929

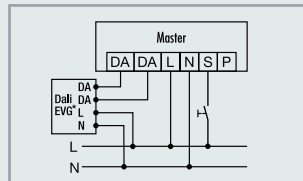
Circuit diagrams

Presence detectors PD-C360i/8 Dali - Master

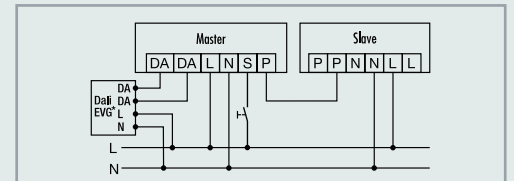
Can be combined with slave version



Standard operation



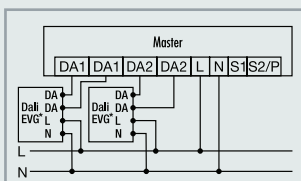
Standard operation with additional control by means of a closing button



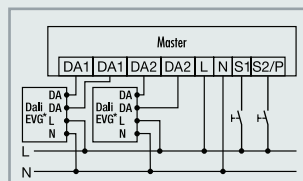
Master/slave circuit (maximum of 10 slave devices may be connected to one master)

Presence detectors PD-C360i/24 Dali - Master

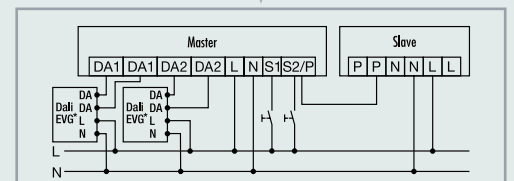
Can be combined with slave version



Standard operation



Standard operation with additional control by means of a closing button



Master/slave circuit (maximum of 10 slave devices may be connected to one master)

*electronic ballast



Mini detectors 230 V AC/1 channel – switching

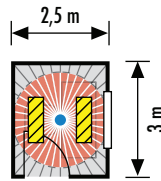
Presence detector and motion detector



Switches dependent on natural light and presence

Application example for PD-C360i/6 mini

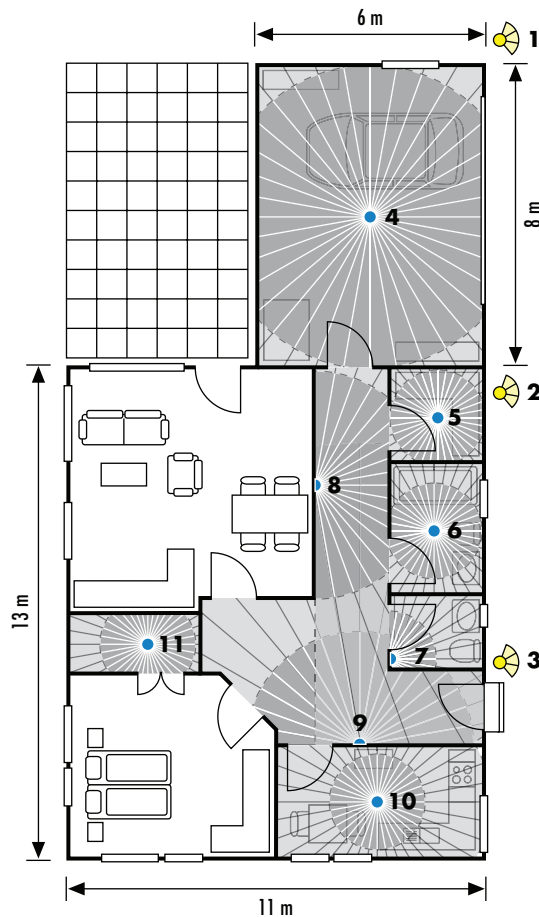
Small office on the top floor of a house



Working area
Passage area

Application example for MD-C360i/6 mini

House



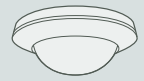
Head-on to detector
Passage area

PD-C360i/6 mini, MD-C360i/6 mini

- Presence detector and motion detector with 360° field of detection and a range of up to 6 m in diameter
- Automatic light control depending on presence and natural light
- Immediately ready for use thanks to in-built factory settings
- Simple programming using remote control
- Extension of field of detection with parallel connection of max. 5 detectors (only MD-C360i/6 mini)
- Small and compact design for an installation hole size of just 20 mm in diameter
- IP 65 version for use particularly in damp rooms
- Fixed cable, 20 cm long
- New universal ESYLUX fastening technology for quick installation in ceilings, brand switch frames, lights, surface-mounted boxes, cupboards etc.
- Recessed ceiling mounting possible in suspended ceilings with supplied spring clips or clamping ring
- Compatible with brand switches if wall-mounted with supplied clamping ring
- Targeted masking out of areas by means of enclosed lens mask
- Light value setting 5 - 2000 lux
- Time settings: impulse/5 min - 15 min

Details for MD-C360i/6 mini application example

1 - 3	MD-C360i/6 mini	Installation in path light
4	MD-C360i/24 + surface-mounted box	Installation in garage
5	MD-C360i/6 mini	Ceiling mounting in utility room
6	MD-C360i/6 mini	Ceiling mounting in bathroom
7	MD-C360i/6 mini	Wall mounting in WC
8 - 9	MD 180i/R	Wall mounting in hallway
10	MD-C360i/6 mini	Ceiling mounting in kitchen
11	MD-C360i/6 mini	Installation in wardrobe



Mini detectors 230 V AC/1 channel – switching

ESYLUX PD-C360i/6 mini

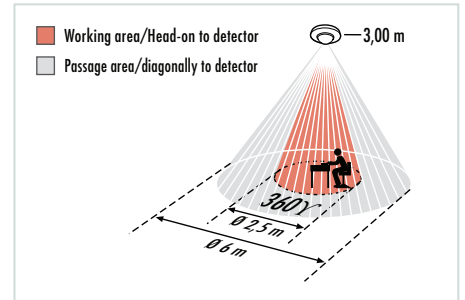
white

Item no. EP10425868



Recessed ceiling-mounted and wall-mounted presence detector with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 690 W/3 A (cos φ = 1), 345 VA/1,5 A (cos φ = 0,5)
 Slave input no
 Key input no
 Settings via infrared remote control Mobil-PDi/MDi
 Protection type/mounting IP 65 inset version
 Power consumption approx. 0,8 W



ESYLUX MD-C360i/6 mini

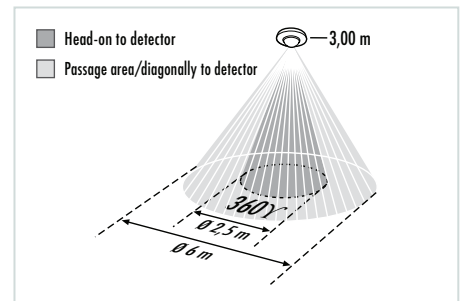
white

Item no. EP10425851



Recessed ceiling-mounted and wall-mounted motion detector with 360° field of detection

Mains voltage 230 V AC 50 Hz
 Channel 1 = Lighting 690 W/3 A (cos φ = 1), 345 VA/1,5 A (cos φ = 0,5)
 Parallel connection max. 5 devices
 Key input no
 Settings via infrared remote control Mobil-PDi/MDi
 Protection type/mounting IP 65 inset version
 Power consumption approx. 0,8 W



Accessories (detailed on pages 42 - 44)

Item no.

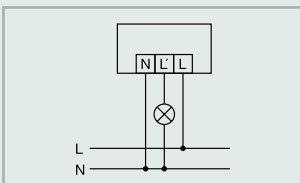
Remote control Mobil-PDi/MDi

silver/metallic blue

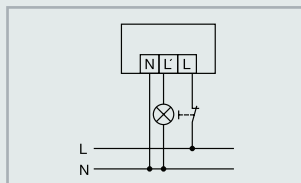
EM10425509

Circuit diagrams

Presence detector PD-C360i/6 mini



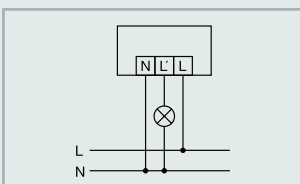
Standard operation



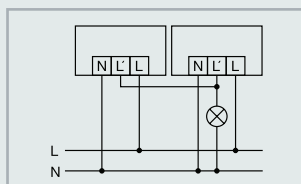
Standard operation with the additional possibility of switching on by hand

NB: the parallel connection of two or more presence detectors is not possible.

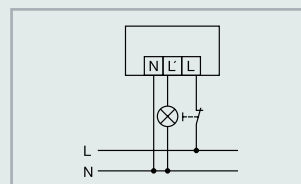
Motion detector MD-C360i/6 mini



Standard operation



Parallel connection of max. 5 devices



Standard operation with the additional possibility of switching on by hand



Accessories

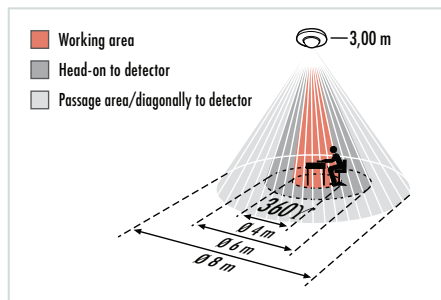
ESYLUX PD-C360/8 slave

white, similar to RAL 9010 Item no. EP10055379



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
Connection to PD-C360i/8, PD-C360i/8plus, PD-C360i/24plus, PD-C360i/24 DUOplus, PD-C360i/24 DRY, PD-C360i/8 DIMplus, PD-C360i/24 DIMplus, PD-C360i/8 Dali, PD-C360i/24 Dali
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 0,33 W



ESYLUX PD-C360/24 slave

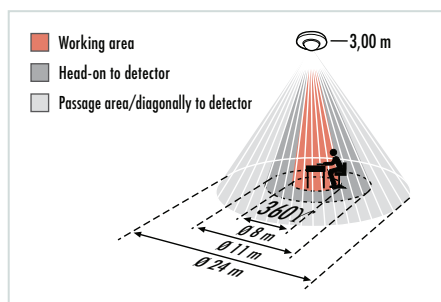
white, similar to RAL 9010 Item no. EP10055386



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 230 V AC 50 Hz
Connection to PD-C360i/8, PD-C360i/8plus, PD-C360i/24plus, PD-C360i/24 DUOplus, PD-C360i/24 DRY, PD-C360i/8 DIMplus, PD-C360i/24 DIMplus, PD-C360i/8 Dali, PD-C360i/24 Dali
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 0,33 W

Type	Installation height	Range Ø	Area
PD-C360/24 slave	5 m	~ 28 m	~ 600 m ²
	10 m	~ 32 m	~ 800 m ²



ESYLUX PD-C360/24 DC24V slave

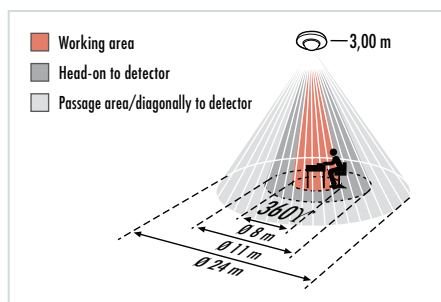
white, similar to RAL 9010 Item no. EP10425325



Ceiling-mounted presence detector, recessed mounting, with 360° field of detection

Mains voltage 12 - 24 V DC
Connection to PD-C360i/8 DC24Vplus, PD-C360i/24 DC24Vplus
Protection type/mounting recessed-mounted IP 20, surface-mounted IP 20/IP 54 (surface-mounted box as accessory), recessed ceiling-mounted (inset) IP 20 (installation set as accessory)
Power consumption approx. 0,25 W

Type	Installation height	Range Ø	Area
PD-C360/24 DC24Vplus slave	5 m	~ 28 m	~ 600 m ²
	10 m	~ 32 m	~ 800 m ²



ESYLUX Surface-mounted box-C IP 20

white, similar to RAL 9010 Item no. EP10425370



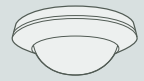
- Quadruple line entrance
- Large wiring area
- Also available in silver (Item no. EP10425387)

ESYLUX Surface-mounted box-C IP 54

white, similar to RAL 9010 Item no. EP10425905



- Double diaphragm line entrance
- Large wiring area
- Also available in silver (Item no. EP10425912)



Accessories

ESYLUX Cover set-C360/8 silver Item no. EP10425936



- Consists of cover and design ring
- Replaceable/paintable

ESYLUX Cover set-C360/24 silver Item no. EP10425431



- Consists of cover and design ring
- Replaceable/paintable

ESYLUX Ceiling-mounted set-C white, similar to RAL 9010 Item no. EP10425929



- Consists of dust-protected box and installation bracket with cord grips

ESYLUX Basket guard 180/90 white, similar to RAL 9010 Item no. EM10425608



- Basket guard for wall and ceiling detectors in connection with surface-mounted box

ESYLUX Basket guard 165/70 white, similar to RAL 9010 Item no. EM10425615



- Basket guard for wall and ceiling detectors (recessed-mounted version)



Accessories

ESYLUX Remote control Mobil-PDi/MDi

silver/metallic blue

Item no. EM10425509



- Battery included (lithium CR 2032 - 3 V)
- Range: overcast/dark approx. 5 - 8 m, direct sunshine approx. 2 - 3 m
- Includes wall-mounted holder
- **Service remote control for:**
 - PD-C360i/8
 - PD-C360i/8plus, PD-C360i/24plus
 - PD-C360i/24 DRY
 - PD-C360i/8 DC24Vplus, PD-C360i/24 DC24Vplus
 - PC-C360i/6 mini
 - MD-C360i/24
 - MD-C360i/6 mini

ESYLUX Remote control Mobil-PDi/plus

silver/metallic green

Item no. EM10425530



- Battery included (lithium CR 2032 - 3 V)
- Range: overcast/dark approx. 5 - 8 m, direct sunshine approx. 2 - 3 m
- Includes wall-mounted holder
- **Service remote control for:**
 - PD-C360i/24 DUOplus
 - PD-C360i/8 DIMplus, PD-C360i/24 DIMplus
 - PD-C360i/8 Dali, PD-C360i/24 Dali

ESYLUX Remote control Mobil-PDi/User

silver/metallic green

Item no. EM10425547



- Battery included (lithium CR 2032 - 3 V)
- Range: overcast/dark approx. 5 - 8 m, direct sunshine approx. 2 - 3 m
- Includes wall-mounted holder
- **Service remote control for:**
 - PD-C360i/8 DIMplus, PD-C360i/24 DIMplus
 - PD-C360i/24 DUOplus
 - PD-C360i/8 Dali, PD-C360i/24 Dali
 - PD-C360i/8 KNX, PD-C360i/24 KNX

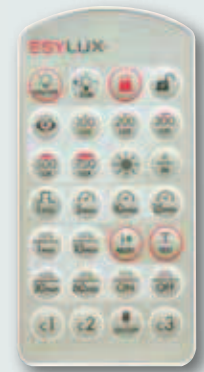


Explanation of the program functions			
	Programming mode Open/Close Direct parameter and function setting		Reset Resets functions and parameters
	Automatic read-in of the current light value Individual storing of the current light value (as switch-on value) at the push of a button		Test mode Motion is indicated by 2 flashes of the blue function LED
	Light ON/OFF Manual lighting switching; saves the additional installation of a light switch		Toggle between fully automatic or semiautomatic operation Fully automatic: automatic light ON and OFF Semiautomatic: manual ON by button and automatic light OFF. NB: only active for presence detectors
	Light values 7 fixed preset light values from 10 to 2000 lux at the push of a button		LED ON/OFF Disables or enables the LED status indication (red/green LED)
	Time settings 5 fixed preset switch-on times from 1 min to 15 min and impulse at the touch of a button		Continuous lighting ON/OFF Lighting for 4 hours permanently ON or OFF – saves the additional installation of a light switch
	Time settings 5 fixed preset switch-on times from 1 min to 60 min and impulse at the push of a button NB: only active for presence detectors		



Mobil-PDI/MDi

Explanation of the program functions			
	Programming mode Open/Close Direct parameter and function setting		Test mode Motion is indicated by 2 flashes of the blue function LED
	Automatic read-in of the current light value Individual storing of the current light value at the push of a button		Toggle between fully automatic or semiautomatic operation Fully automatic: automatic light ON and OFF Semiautomatic: manual ON by button and automatic light OFF
	Light ON/OFF Manual lighting switching; saves the additional installation of a light switch		Orientation light ON/OFF Orientation light switching on or off = 10% luminous efficiency
	Dimmer feature Manual lighting dimming at the touch of a button		Orientation light time settings 4 fixed preset switch-on times from 1 min to 60 min at the push of a button
	Light values 6 fixed preset light values from 100 lux to daytime operation at the push of a button		Channel selection Switch between channel 1, 2 and 3 at the push of a button
	Time settings 4 fixed preset switch-on times from 1 min to 15 min and impulse at the touch of a button		LED ON/OFF Disables or enables the LED status indication (red/green LED)
	Reset Resets functions and parameters		



Mobil-PDI/plus

Explanation of the program functions			
	Dimmer feature Manual lighting dimming at the touch of a button		Light ON/OFF Manual lighting control for 4 hours permanently ON/OFF for channel c3
	Temporary storage of dimmer/light value		Light ON/OFF Manual lighting switching; saves the additional installation of a light switch
	Light ON/OFF Manual lighting switching; saves the additional installation of a light switch		Light ON/OFF Manual lighting control for 4 hours permanently ON/OFF for all channels (c1 - c3)
	Dimmer feature Manual lighting dimming at the touch of a button		Light ON/OFF Manual lighting control for all channels (c1 - c3)
	Temporary storage of dimmer/light value		Individual light scene stored at the press of a button
	Light ON/OFF Manual lighting switching; saves the additional installation of a light switch		Activation of a stored light scene



Mobil-PDI/User



PRESENCE DETECTORS

- Wall-mounted presence detectors, remotely controlled
- Ceiling-mounted presence detectors, remotely controlled
- Recessed ceiling-mounted presence detectors, remotely controlled
- KNX (EIB), Dali presence detectors



MOTION DETECTORS

- For outdoor use
- RCi series motion detectors, remotely controlled and with optional radio technology
 - MD series motion detectors
- For indoor use
- Wall-mounted motion detectors, remotely controlled
 - Ceiling-mounted motion detectors, remotely controlled
 - Recessed ceiling-mounted motion detectors, remotely controlled



LIGHTS/FLOODLIGHTS

- Automatic lights, remotely controlled
- Stainless steel automatic lights
- Wall and ceiling lights
- Energy-saving floodlights
- Automatic floodlights, remotely controlled
- Halogen floodlights
- LED floodlights
- Portable lights



TWILIGHT SWITCHES

- Twilight switches, remotely controlled
- Twilight switches with day time switch
- Twilight switches for retrofitting in outdoor lights and junction boxes



SMOKE DETECTORS

- Smoke detectors
- Modular add-ons: radio module and/or 230 V, remotely controlled



CONTROLS/SHUTTER DRIVES

- Shutter controls
- Awning and blind controls
- Radio control
- Isolating relays



EMERGENCY LIGHTS

- Single-battery emergency lights, remotely controlled
- Single-battery emergency light elements
- Portable spotlights



INTELLIGENT LIVING

- 868 MHz radio system, transmitter and receiver
- POWERLINE EPL system
- SMS SWITCH BUTLER®

