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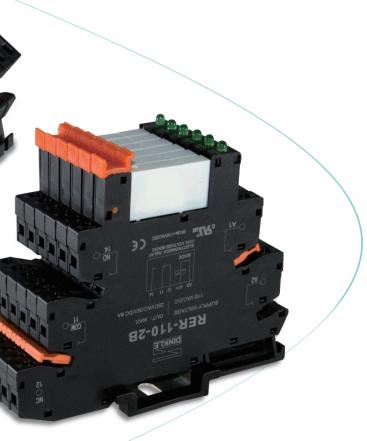
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APR./2019







XC-19.1



The slim relay adopts spring clamp connection, which has excellent resistance to vibration, input voltage from 24V, 110V, 230V; ideal for PLC, robotic arm, CNC and etc. The slim relay is designed with circuit protection, offering a safer operation condition for the user.

Only 6.2mm in thickness, the design helps to improve the efficency in the use of cabinet space.

- · Easy replacement of relay
- · Compact 6.2mm design
- Surge protection design
- · Quick and ease wiring





Spring clamp connection

Insertion bridge (Plug-in)	
DIN Rail	
Screwdriver	
End bracket	



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Accessories Part No.

0149-4S-20

TS-35 | TS-35/15

0.4 x 2.5 mm

SS4N

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RER-110-5B

RER-230-6B

Accessories Part No.

0149-4S-20

TS-35 | TS-35/15

0.4 x 2.5 mm

SS4N

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Technical Data			Technical Data			Technical Data		
Input Data		Input Data		Input Data				
Rated voltage 24 VAC / VDC		Rated voltage		110 VAC / VDC	Rated voltage		230 VAC / VDC	
Rated curre	ent	11.1 mA	Rated curre	ent	3.4 mA	Rated current		3.7 mA
Typical resp	oonse time	≦ 8 ms	Typical resp	oonse time	≦ 8 ms	Typical response time		≦ 8 ms
Typical rele	ase time	\leq 4 ms	Typical rele	ase time	\leq 4 ms	Typical release time		\leq 4 ms
Protective	circuit	Bridge rectifier Surge protection	Protective	circuit	Bridge rectifier	Protective circuit		Bridge rectifier
Status indi	cator	(Green) LED	Status indi	cator	(Green) LED	Status indic	cator	(Green) LED
Contact	Contact		Contact		Contact			
Contact for	m	1C	Contact for	m	1C	Contact form		1C
Contact rat	ing (Res. load)	6 A, 250 VAC / 30 VDC	Contact rat	ing (Res. load)	6 A, 250 VAC / 30 VDC	Contact rat	ing (Res. load)	6 A, 250 VAC / 30 VDC
Max. switcl	hing voltage	400 VAC / 125 VDC	Max. switch	ning voltage	400 VAC / 125 VDC	Max. switch	ning voltage	400 VAC / 125 VDC
Max. switcl	hing current	6 A	Max. switch	ning current	6 A	Max. switch	ning current	6 A
Contact res	sistance	≦ 100 mΩ (1 A, 6 VDC)	Contact res	sistance	≦ 100 mΩ (1 A, 6 VDC)	Contact resistance		≦ 100 mΩ (1 A, 6 VDC)
Mechanica	l endurance	1 x 10 ⁷ cycles	Mechanica	l endurance	1 x 10 ⁷ cycles	Mechanical endurance		1 x 10 ⁷ cycles
Electrical e	ndurance	3 x 10 ⁴ cycles,NO 1 x 10 ⁴ cycles,NC	Electrical e	ndurance	3 x 10 ⁴ cycles,NO 1 x 10 ⁴ cycles,NC	Electrical endurance		3 x 10 ⁴ cycles,NO 1 x 10 ⁴ cycles,NC
General		General		General				
Dielectric	Coil & contacts	4000 VAC / 1 min	Dielectric strength	Coil & contacts	4000 VAC / 1 min	Dielectric strength	Coil & contacts	4000 VAC / 1 min
strength	Open contacts	1000 VAC / 1 min		Open contacts	1000 VAC / 1 min		Open contacts	1000 VAC / 1 min
Shock	Functional	49 m/s ²	Shock resistance	Functional	49 m/s ²	Shock resistance	Functional	49 m/s ²
resistance	Destructive	980 m/s ²		Destructive	980 m/s ²		Destructive	980 m/s ²
Dimensions T x W x H (mm)		6.2 x 78.8 x 103	Dimensions T x W x H (mm)		6.2 x 78.8 x 103	Dimensions T x W x H (mm)		6.2 x 78.8 x 103
Wire range (AWG / mm ²) 20-16 / 0.5-1.		20-16 / 0.5-1.5	Wire range (AWG / mm ²)		20-16 / 0.5-1.5	Wire range (AWG / mm ²)		20-16 / 0.5-1.5
Connection method Spring clamp		Spring clamp	Connection method		Spring clamp	Connection method		Spring clamp
Rated torque (N-m) -		-	Rated torque (N-m)		-	Rated torque (N-m)		-
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Accessories Part No.

0149-4S-20

TS-35 | TS-35/15

0.4 x 2.5 mm

SS4N



The slim relay adopts screw connection, which has excellent wiring strength, multi-voltage input from 24V, 110V, 230V; ideal for PLC controller, robotic arm, CNC equipment, interface control platform and other industrial control application. The slim relay is designed with circuit protection, offering a safer operation condition for the user. Only 6.2mm in thickness, the design helps to improve the efficiency in the use of cabinet space ...

- Easy replacement of relay with the push the lever Multi-voltage input from
- 24V to 230V
- Compact 6.2mm design Status LED indicator
- Surge protection design

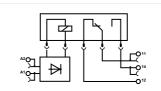


Screw connection

Insertion bridge (Plug-in)	
DIN Rail	
Screwdriver	
End bracket	Æ



RER-24-1A



Technical Data

Input Data

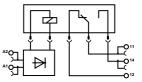
Rated volta	ige	24 VAC / VDC		
Rated curre	ent	11.1 mA		
Typical resp	oonse time	≦ 8 ms		
Typical rele	ase time	\leq 4 ms		
Protective	circuit	Bridge rectifier Surge protection		
Status indic	cator	(Green) LED		
Contact	:			
Contact for	m	1C		
Contact rat	ing (Res. load)	6 A, 250 VAC / 30 VDC		
Max. switch	ning voltage	400 VAC / 125 VDC		
Max. switch	ning current	6 A		
Contact res	sistance	≦ 100 mΩ (1 A, 6 VDC)		
Mechanica	l endurance	1 x 10 ⁷ cycles		
Electrical e	ndurance	3 x 10 ⁴ cycles,NO 1 x 10 ⁴ cycles,NC		
General				
Dielectric	Coil & contacts	4000 VAC / 1 min		
strength	Open contacts	1000 VAC / 1 min		
Shock	Functional	49 m/s ²		
resistance	Destructive	980 m/s ²		
Dimensions T x W x H	-	6.2 x 78.8 x 96		
Wire range	(AWG / mm ²)	20-16 / 0.5-1.5		
Connection	method	Screw		
Rated torque (N-m)		0.5		
Access	ories Part I	No.		
	0149-4S	-20		
	TS-35 TS-	35/15		

0.4 x 2.5 mm

SS4N

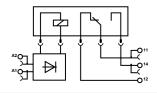


RER-110-2B





RER-230-3B



M . (E	Technical Data			Technical Data			
	Input Data			Input Data			
24 VAC / VDC	Rated voltage		110 VAC / VDC	Rated voltage		230 VAC / VDC	
11.1 mA	Rated current		3.4 mA	Rated current		3.7 mA	
\leq 8 ms	Typical response time		≦ 8 ms	Typical response time		≦ 8 ms	
\leq 4 ms	Typical release time		\leq 4 ms	Typical release time		≦ 4 ms	
Bridge rectifier Surge protection	Protective	circuit	Bridge rectifier	Protective circuit		Bridge rectifier	
(Green) LED	Status indi	cator	(Green) LED	Status indicator		(Green) LED	
	Contact	:	·	Contact			
1C	Contact form		1C	Contact form		1C	
A, 250 VAC / 30 VDC	Contact rating (Res. load)		6 A, 250 VAC / 30 VDC	Contact rating (Res. load)		6 A, 250 VAC / 30 VDC	
00 VAC / 125 VDC			400 VAC / 125 VDC	Max. switching voltage		400 VAC / 125 VDC	
6 A	Max. switching current		6 A	Max. switching current		6 A	
$ \leq 100 \text{ m}\Omega $ (1 A, 6 VDC)	Contact resistance		≦ 100 mΩ (1 A, 6 VDC)	Contact resistance		$ \leq 100 \mathrm{m}\Omega \\ (1 \mathrm{A}, 6 \mathrm{VDC}) $	
1 x 10 ⁷ cycles	Mechanical endurance		1 x 10 ⁷ cycles	Mechanical endurance		1 x 10 ⁷ cycles	
x 10 ⁴ cycles,NO I x 10 ⁴ cycles,NC	Electrical e	ndurance	3 x 10 ⁴ cycles,NO 1 x 10 ⁴ cycles,NC	Electrical endurance		3 x 10 ⁴ cycles,NO 1 x 10 ⁴ cycles,NC	
	General			General			
000 VAC / 1 min	Dielectric	Coil & contacts	4000 VAC / 1 min	Dielectric	Coil & contacts	4000 VAC / 1 min	
000 VAC / 1 min	strength	Open contacts	1000 VAC / 1 min	strength	Open contacts	1000 VAC / 1 min	
49 m/s ²	Shock	Functional	49 m/s ²	Shock	Functional	49 m/s ²	
980 m/s ²	resistance	Destructive	980 m/s ²	resistance	Destructive	980 m/s ²	
6.2 x 78.8 x 96	Dimensions T x W x H (mm)		6.2 x 78.8 x 96	Dimensions T x W x H (mm)		6.2 x 78.8 x 96	
20-16 / 0.5-1.5	Wire range (AWG / mm ²)		20-16 / 0.5-1.5	Wire range (AWG / mm ²)		20-16 / 0.5-1.5	
Screw	Connection method		Screw	Connection method		Screw	
0.5	Rated torque (N-m)		0.5	Rated torque (N-m)		0.5	
).	Accessories Part No.		Accessories Part No.				
)	0149-4S-20			0149-4S-20			
/15		TS-35 TS-	-35/15	TS-35 TS-35/15			
n		0.4 x 2.5	mm	0.4 x 2.5 mm			
	SS4N			SS4N			