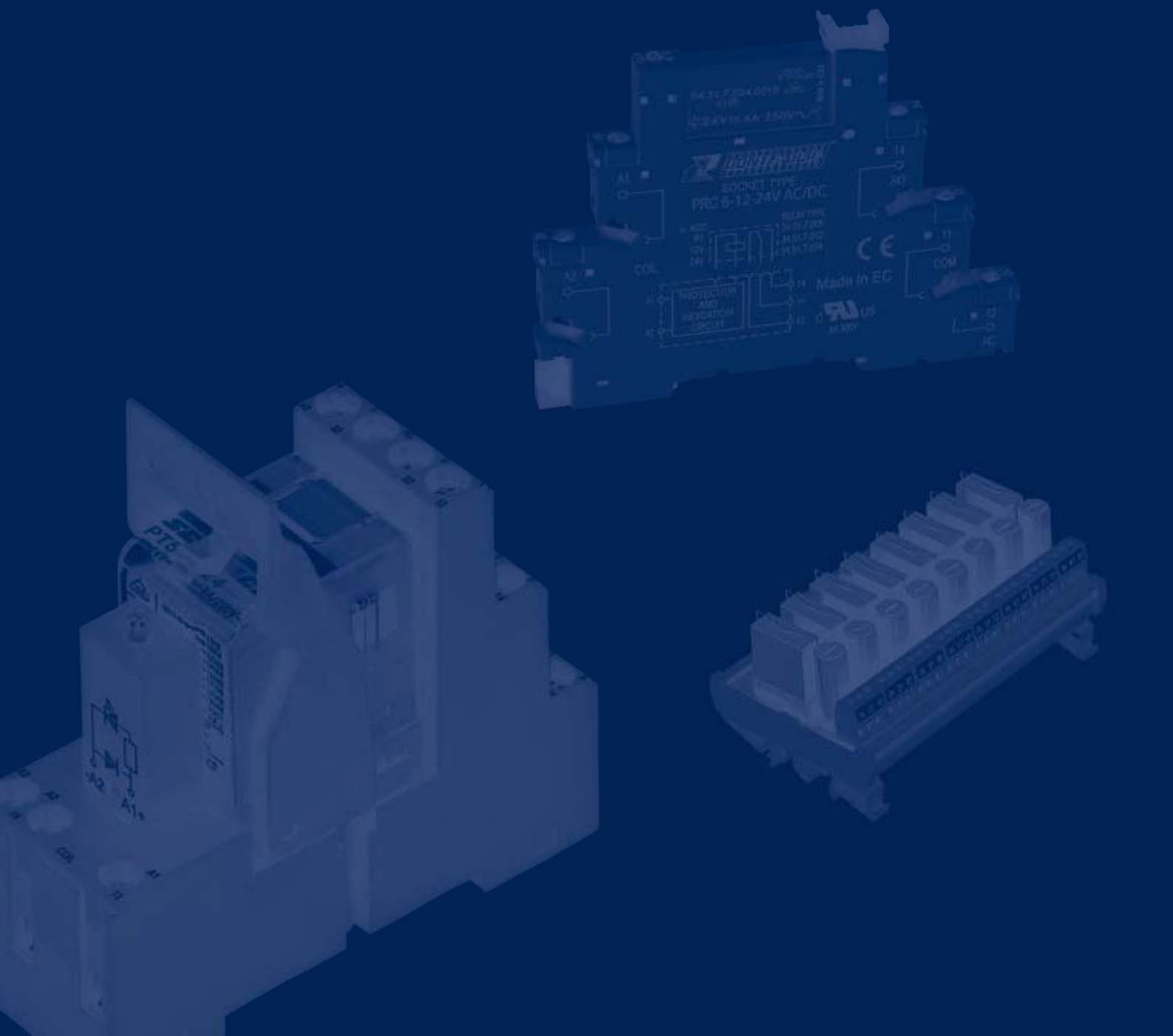
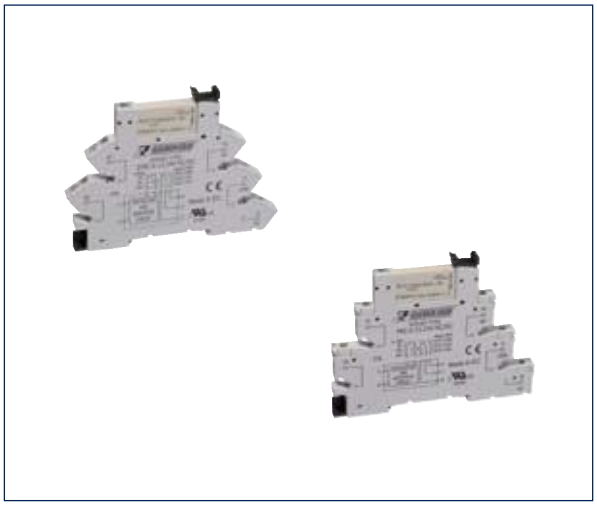
Relay Systems

Relay technology continues to play a large role in the reliability of industrial control and automation solutions. Because of their thin design, relay couplers find use in rail-oriented control designs. Thanks to their features, **CONTA-CLIP** relay couplers are well-suited for use in secure electrical isolation of circuits or for the multiplication of contacts.

Whether it is in manufacturing, electrical machine and plant instrumentation, control engineering, building automation, or process engineering – everywhere it is important to guarantee that the signal exchange between the peripheral devices and the upper-level central control and instrumentation systems remains potential-free and operationally safe.

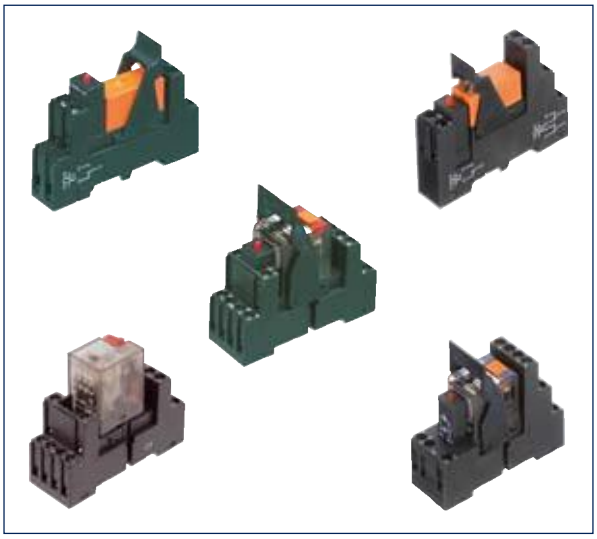


Relay Systems



Compact plug relays PRC

PRC relay couplers distinguish themselves by their compact shape in the terminal block design. With a width of only 6.2 mm and a switchable continuous current from 6 amps, there are many application possibilities. The basis relay offers 22 versions, including screw and tension-spring connections, and available coil voltages from 6 to 24 VDC and from 12 to 240 VAC/DC. With the **AQI** cross-connection system, mutual potentials can be carried out over the coil or contact sides. For excellent equipment identification, the socket base has a labelling surface for the standard **PMC BSTR** 6/30 marking system. **CONTA-CLIP** also offers a customer-specific labelling service, in addition to the standard marking.



Plug relay system PRS

PRS relay couplers are available in one-, two- and four-change-over design. The relay plug-in modules are designed for a measured voltage from 300 V. They can be combined with relays (in the coil-voltage range of 12 to 220 VDC and 12 to 230 VAC) and the appropriate insert-modules or status displays. In order to guarantee that the relay is mechanically snug in the frame, a relay holding-clamp can be mounted. The switchable continuous current is 12 amps for the one- and two-CO versions, and 6 amps for the four-CO versions. The **PRS**...G types have electrical contacts which are designed so that the coil side and the contact side are arranged separately from another. The relay frame, relay insert module and holding-clamp can be modularly assembled and combined.

Relay modules RM and RIM

RM and **RIM** are relay interfaces which offer an advantage over the single-relay base systems. On a PCB, the circuit track can be pre-wired, such as the shared plus, minus, and neutral wire potentials on the coil side.
The relay connection is implemented with either screw terminals, ribbon connectors, or d-subminiature connectors.
The correct solution for every user application is provided for: varying coil voltage ranges in designs of soldered or plug-gable relays, with or without status display, and two-, four-, eight-, and sixteen-fold relay modules.
The **RIMS** versions also feature a toggle switch in the input/coil circuit. This enables switching to HAND, OFF, or AUTOMATIC.
The **RIMF** modules implement a 5x20-sized miniature fuse receptacle in the output/contact circuit.

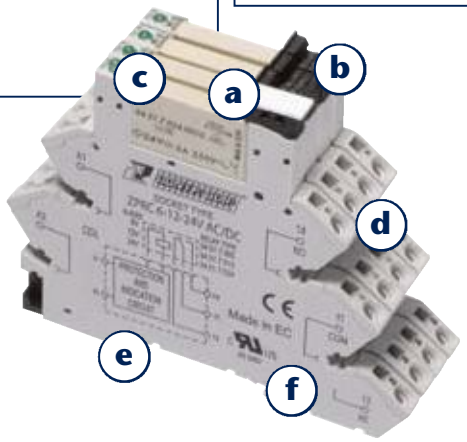
Compact plug relays PRC

Relay terminals

1. Overview

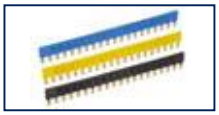
a **Labelling | Marking**
The socket bases have a labelling surface which is optimally suited for our **PMC Pocket-Maxicard (PMC BSTR 6/30)** standard marking systems. In addition to our large variety of standard labels, **CONTA-CLIP** can also provide "just-in-time" individual labelling for you.

b **Using the mount/dismount lever**
The mounting and dismounting mechanism forms a reliable connection by latching the relay with the socket base. The fitted relay can be removed, easily and without force, from the socket base by using the dismount function of the lever!



c **Pluggable relays**
Pluggable relays are also available with AgSNO and gold contacts, to fit with the many functions of your individual requirements!

d **Pluggable external cross-connections**
The AQI/PRC pluggable cross-connection system enables a time-saving distribution of potentials. The AQI/PRC is constructed so that it is protected against accidental touch. It is available as a 20-pole unit, in either yellow, blue or black. The cross-connector can be shortened to fewer poles in order to fit the required interface. Insulation plating can be used to insulate the ends.



e **Mounts on standard TS 35 rail**
CONTA-CLIP relay terminal can be flexibly mounted on standard TS 35 mounting rails according to EN 50035 and EN 50022.

f **Connection types**
All of our relay terminals are optionally available with screw or tension-spring connection systems.

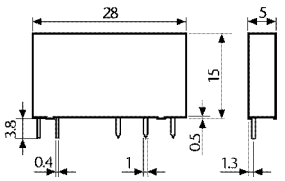
2. Approvals (Details upon request.)

3. Features

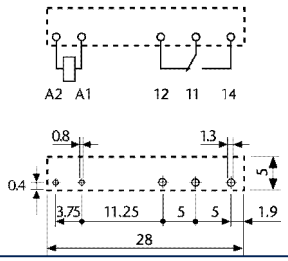
I. Relay

- 5 mm width, extremely narrow monitoring relay
- Sensitive DC coil, 170 mW
- Secure isolation between the coil and the contacts, according to VDE 0160/EN 50178
- 6 mm clearance distance, 8 mm creepage distance
- 6 kV (1.2/50 µs)
- Protection class II, according to VDE 0631/EN 60730

Relay - complete view



Connection diagram

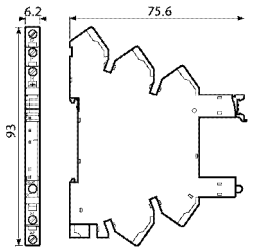


Relay terminals

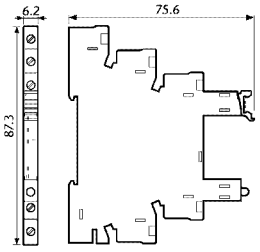
II. Socket base

- Mount on TS 35
- Very flexible and modular construction of individual relay bases
- User-friendly, because the relays can be easily replaced
- High-quality connecting terminals (tension-spring or screw connection system)
- Integrated EMC coil circuitry, and LED
- High-quality innovative mount/dismount lever
- All versions are optionally available with screw or tension-spring connection system

Tension-spring connection



Screw connection



4. Specifications

Electro-mechanical relay

Insulation properties

Insulation coordination, according to EN 61810-1, VDE 0435 T 201.	Rated insulation voltage of V	250
	Rated surge voltage kV	4
	Pollution degree	3
	Overvoltage category	III

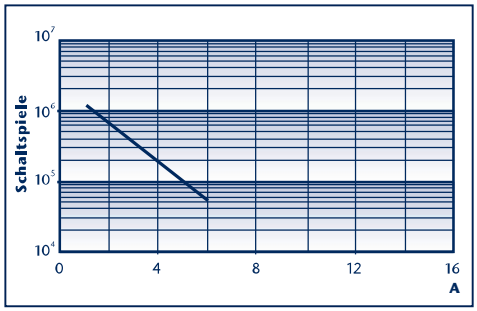
EMC - interference immunity of the control circuit (coil)

BURST (5... 50) ns, 5 kHz, on A 1 - A 2	EN 61000-4-4	class 4 (4 kV)
SURGE (1.2/50) µs on A 1 - A 2 (differential mode)	EN 61000-4-5	class 3 (2 kV)

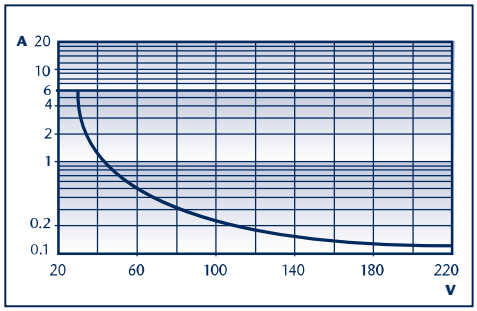
Additional data

Bounce time by closure of the NO/NC	ms	1/6	
Resistance to vibration (10... 55 Hz, max ± 1 mm):			
	NO/NC g/g	10/5 flux density	
Ambient heat dissipation	without contact current W	0.2 (12 V) - 0.9 (240 V)	
	by continuous current W	0.5 (12 V) - 1.5 (240 V)	

5. Contact data



Service life of contact under AC 1 load



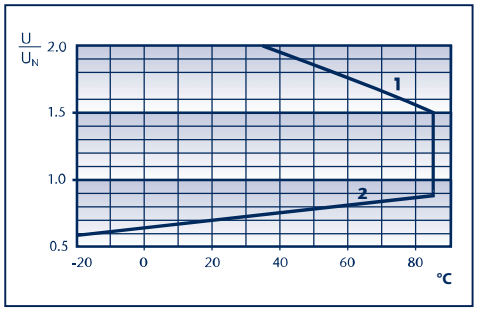
Switching capacity under DC 1 load

- Under resistive load (DC 1) and with an intersection of current and voltage that lies under the curve: this is an indication of an electrical life span greater to or equal to 100,000 switching cycles.
- Under an inductive load (DC 13), a free-wheel diode must be switched parallel to the load. Note: the return time is increased.

6. Coil data

DC version

Rated voltage U_N V	Operating Range U_{min} V	U_{max} V	Resistance R Ω	Rated current I mA
5	3.5	7,5	130	38.4
12	8.4	18	840	14.2
24	16.8	36	3.350	7.1
48	33.6	72	12.300	3.9
60	42	90	19.700	3



Reliable range of operating voltage

1 Max. permitted coil voltage

2 Response voltage, when coil temperature equal to ambient temperature

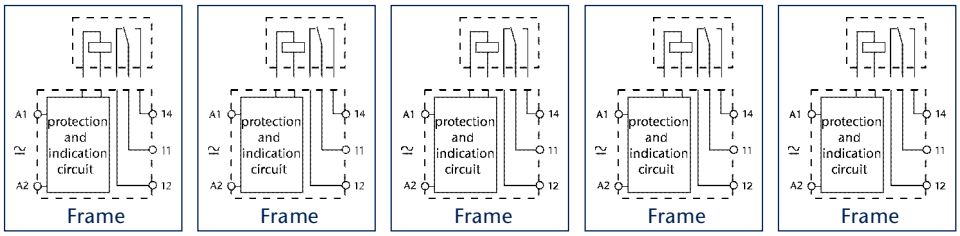
Compact plug relays PRC

Tension-spring relay terminals

- Consisting of:
  basic terminal and pluggable relay.
- Mount on TS 35

Connection diagram

- Internal EMC coil circuitry and LED display
- LW versions:
  an internal AC residual-current suppression and LED display



Type	ZPRCU 1/6V DC	ZPRCU 1/12V DC	ZPRCU 1/24V DC	ZPRCU 1/12V AC/DC	ZPRCU 1/24V AC/DC
Cat. no./Qty. p.pck. Type/Colour grey (RAL 7032)	**15524.2**/10	**15525.2**/10	**15526.2**/10	**15518.2**/10	**15519.2**/10
Size (L x W x H) with TS 35 x 7.5	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm
Weight	36 g	36 g	36 g	36 g	36 g
Rated operating voltage	6 V DC	12 V DC	24 V DC	12 V AC/DC	24 V AC/DC
General information					
Mech. life span AC/DC switching cycles	–/10 x 10^6	–/10 x 10^6	–/10 x 10^6	10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6
Electrical life span AC 1 switching cycles	60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3
Response time/release time	5/6 ms	5/6 ms	5/6 ms	5/6 ms	5/6 ms
Insulation coordination, EN 61810-5	4 kV/3	4 kV/3	4 kV/3	4 kV/3	4 kV/3
Dielectric strength coil/contacts (1.2/50 µs)	6 kV	6 kV	6 kV	6 kV	6 kV
Dielectric strength of open contacts	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC
Ambient temperature	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C
Relay protection type	RT II	RT II	RT II	RT II	RT II
Ratings for socket base					
Ambient temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Insulation stripping length	10 mm	10 mm	10 mm	10 mm	10 mm
Max. connection cross-section, solid | flexible mm²	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5
AWG	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16
Ratings for plug-relays combined with socket base					
Contacts					
Number of contacts	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact
Max. continuous current | Max. inrush current	6/10 A	6/10 A	6/10 A	6/10 A	6/10 A
Rated voltage | Max. switching voltage	250/400 V AC*	250/400 V AC*	250/400 V AC*	250/400 V AC*	250/400 V AC*
Max. power rating AC 1	1,500 VA	1,500 VA	1,500 VA	1,500 VA	1,500 VA
Max. power rating AC 15 (230 V AC)	300 VA	300 VA	300 VA	300 VA	300 VA
1-phase motor load, AC 3 operation (230 V AC)	0.185 kW	0.185 kW	0.185 kW	0.185 kW	0.185 kW
Max. switching current DC 1:30/110/220 V	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A
Min. switching load	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)
Standard contact material	AgNi	AgNi	AgNi	AgNi	AgNi
Coil					
Rated voltage (U_N)	5 V DC | – AC	12 V DC | – AC	24 V DC | – AC	12 V DC | 12 AC	24 V DC | 24 AC
Power rating AC/DC	0.2 W	0.2 W	0.2 W	0.2 W	0.2 W
Operating range	– AC (50/60 Hz)	– AC (50/60 Hz)	– AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1-.1) U_N AC (50/60 Hz)
	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC
Holding current	–AC/0.6 U_N DC	–AC/0.6 U_N DC	–AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC
Drop-out voltage	–AC/0.05 U_N DC	–AC/0.05 U_N DC	–AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC

Individual components, socket base

Type/Colour grey (RAL 7032)	ZPRC 6-12-24V DC	ZPRC 6-12-24V DC	ZPRC 6-12-24V DC	ZPRC 6-12-24V AC/DC	ZPRC 6-12-24V AC/DC
Cat. no./Qty. p.pck.	**15494.2**/10	**15494.2**/10	**15494.2**/10	**15492.2**/10	**15492.2**/10

Individual components, plug relays

Type/Rated voltage	PRC 1/5V DC	PRC 1/12V DC	PRC 1/24V DC	PRC 1/12V DC	PRC 1/24V DC
Cat. no./Qty. p.pck.	**15500.2**/10*[3]	**15501.2**/10*[3]	**15502.2**/10*[3]	**15501.2**/10*[3]	**15502.2**/10*[3]

Accessories AQI/PRC external insulated cross-connector	AQI/PRC/20	AQI/PRC/20	AQI/PRC/20	AQI/PRC/20	AQI/PRC/20
Cat. no./Qty. p.pck. yellow	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1
Cat. no./Qty. p.pck. blue	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1
Cat. no./Qty. p.pck. black	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1

TW/PRC partitions	TW/PRC	TW/PRC	TW/PRC	TW/PRC	TW/PRC
Cat. no./Qty. p.pck.	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1

PMC labelling/markers	PMC BSTR 6/30	PMC BSTR 6/30	PMC BSTR 6/30	PMC BSTR 6/30	PMC BSTR 6/30
Cat. no./Qty. p.pck., standard print, see catalog	p. 157	p. 157	p. 157	p. 157	p. 157
Cat. no./Qty. p.pck. neutral	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300
Cat. no./Qty. p.pck., special print	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300

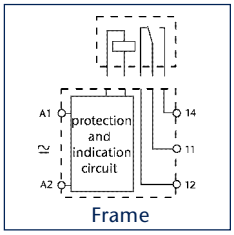
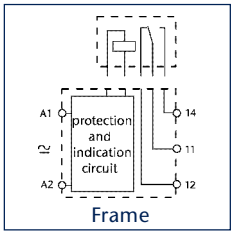
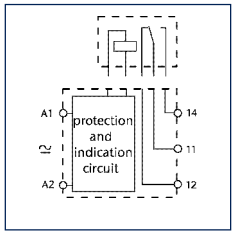
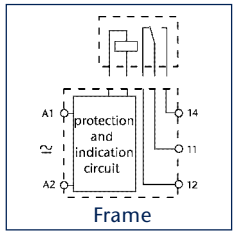
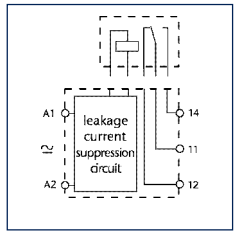
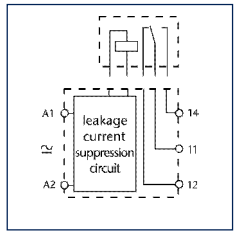
BWMA metal tool	BWMA 1	BWMA 1	BWMA 1	BWMA 1	BWMA 1
Cat. no./Qty. p.pck.	**3808.0**/1	**3808.0**/1	**3808.0**/1	**3808.0**/1	**3808.0**/1

* The conditions of pollution degree 2 are fulfilled at 400 V.

*[1] In order for the relay to de-energise, the residual current can be suppressed/controlled via the SPS-230 V semiconductor outputs, longe control lines (LW), thyristors, and inductive proximity switch!

*[2] Since this relay is only produced for DC at a max. 60 V, the adjustment to the operating voltage occurs via the internal resistance and bridge rectifiers!

*[3] Relay available with gold contact, upon request!

ZPRCU 1/48V AC/DC	ZPRCU 1/60V AC/DC	ZPRCU 1/125V AC/DC	ZPRCU 1/240V AC/DC	ZPRCU LW 1/125V AC/DC	ZPRCU LW 1/240V AC
					
 Frame	 Frame		 Frame		
ZPRCU 1/48V AC/DC **15520.2**/10	**ZPRCU 1/60V AC/DC** **15521.2**/10	**ZPRCU 1/125V AC/DC** **15522.2**/10*2	**ZPRCU 1/240V AC/DC** **15523.2**/10*2	**ZPRCU LW 1/125V AC/DC** **15551.2**/10*2	**ZPRCU LW 1/240V AC** **15552.2**/10*2
93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm	93 x 6.2 x 79.9 mm
36 g	36 g	36 g	36 g	36 g	36 g
48V AC/DC	60V AC/DC	125V AC/DC	230V AC/DC	125V AC/DC	230V AC
10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6
60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3
5/6 ms	5/6 ms	5/6 ms	5/6 ms	5/6 ms	5/6 ms
4 kV/3	4 kV/3	4 kV/3	4 kV/3	4 kV/3	4 kV/3
6 kV	6 kV	6 kV	6 kV	6 kV	6 kV
1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC
-40 to +70 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C
RT II	RT II	RT II	RT II	RT II	RT II
-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
10 mm	10 mm	10 mm	10 mm	10 mm	10 mm
1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5	1x2.5/2x1.5 | 1x2.5/2x1.5
1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16	1x14/2x16 | 1x14/2x16
1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact
6/10 A	6/10 A	6/10 A	6/10 A	6/10 A	6/10 A
250/400 V AC*	250/400 V AC*	250/400 V AC*	250/400 V AC*	250/400 V AC*	250/400 V AC*
1,500 VA	1,500 VA	1,500 VA	1,500 VA	1,500 VA	1,500 VA
300 VA	300 VA	300 VA	300 VA	300 VA	300 VA
0.185 kW	0.185 kW	0.185 kW	0.185 kW	0.185 kW	0.185 kW
6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A
300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)
AgNi	AgNi	AgNi	AgNi	AgNi	AgNi
48 V DC | 48 AC	60 V DC | 60 AC	110...125 V DC | 110...125 AC	220...240 V DC | 220...240 AC	110...125 V DC | 110...125 AC	– V DC | 220...240 AC
0.2 W	0.2 W	0.2 W	0.2 W	1.0 W	0.5 W
(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)
(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC
0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_NAC/- U_NDC
0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_NAC/- U_NDC
ZPRC 48-60V AC/DC **15498.2**/10	**ZPRC 48-60V AC/DC** **15498.2**/10	**ZPRC 110...125V AC/DC** **15499.2**/10	**ZPRC 220...240V AC/DC** **15493.2**/10	**ZPRC LW 110...125 V AC/DC** **15556.2**/10	**ZPRC LW 220...240V A** **15495.2**/10
PRC 1/48V DC **15547.2**/10*3	**PRC 1/60V DC** **15503.2**/10*3	**PRC 1/60V DC** **15503.2**/10*3	**PRC 1/60V DC** **15503.2**/10*3	**PRC 1/60V DC** **15503.2**/10*3	**PRC 1/60V DC** **15503.2**/10*3
AQI/PRC/20	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**
15545.8/1	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1
15545.5/1	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1
15545.4/1	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1
TW/PRC	**TW/PRC**	**TW/PRC**	**TW/PRC**	**TW/PRC**	**TW/PRC**
15546.2/1	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1
PMC BSTR 6/30	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**
p. 157	p. 157	p. 157	p. 157	p. 157	p. 157
9106.7/300	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300
9107.7/300	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300
BWMA 1	**BWMA 1**	**BWMA 1**	**BWMA 1**	**BWMA 1**	**BWMA 1**
3808.0/1	**3808.0**/1	**3808.0**/1	**3808.0**/1	**3808.0**/1	**3808.0**/1

Compact plug relays PRC

Screw-connection relay terminals	PRCU 1/6V DC	PRCU 1/12V DC	PRCU 1/24V DC	PRCU 1/12V AC/DC	PRCU 1/24V AC/DC

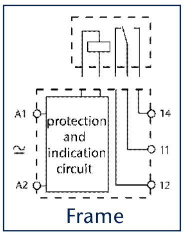
- Consisting of: basic terminal and pluggable relay.
- Mount on TS 35

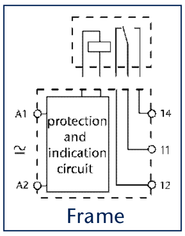


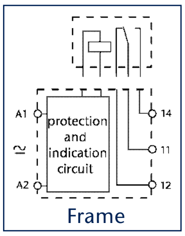


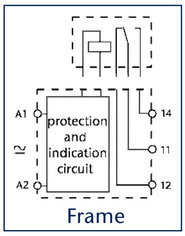
Connection diagram

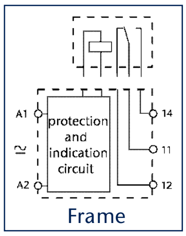
- Internal EMC coil circuitry and LED display
- LW versions: an internal AC residual-current suppression and LED display











Type **Cat. no.**/Qty. p.pck. Type/Colour grey (RAL 7032)	**PRCU 1/6 V DC** **15513.2**/10	**PRCU 1/12 V DC** **15514.2**/10	**PRCU 1/24 V DC** **15515.2**/10	**PRCU 1/12 V AC/DC** **15569.2**/10	**PRCU 1/24 V AC/DC** **15508.2**/10
Size (L x W x H) with TS 35 x 7.5	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm
Weight	36 g	36 g	36 g	36 g	36 g
Rated operating voltage	6 V DC	12 V DC	24 V DC	2 V AC/DC	24 V AC/DC
General information					
Mech. life span AC/DC switching cycles	–/10 x 10^6	–/10 x 10^6	–/10 x 10^6	10 x 10^6/10 x 10^6	10 x 10^6/10 x 10^6
Electrical life span AC 1 switching cycles	60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3	60 x 10^3
Response time/release time	5/6 ms	5/6 ms	5/6 ms	5/6 ms	5/6 ms
Insulation coordination, EN 61810-5	4 kV/3	4 kV/3	4 kV/3	4 kV/3	4 kV/3
Dielectric strength coil/contacts (1.2/50 µs)	6 kV	6 kV	6 kV	6 kV	6 kV
Dielectric strength of open contacts	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC
Ambient temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Relay protection type	RT II	RT II	RT II	RT II	RT II
Ratings for socket base					
Ambient temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Insulation stripping length	10 mm	10 mm	10 mm	10 mm	10 mm
Max. connection cross-section, solid | flexible	1x2.5 | 1x2.5 mm^2 1x14 | 1x14 AWG	1x2.5 | 1x2.5 mm^2 1x14 | 1x14 AWG	1x2.5 | 1x2.5 mm^2 1x14 | 1x14 AWG	1x2.5 | 1x2.5 mm^2 1x14 | 1x14 AWG	1x2.5 | 1x2.5 mm^2 1x14 | 1x14 AWG
Ratings for plug-relays combined with socket base **Contacts**					
Number of contacts	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact
Max. continuous current | Max. inrush current	6/10 A	6/10 A	6/10 A	6/10 A	6/10 A
Rated voltage | Max. switching voltage	250/400 VAC*	250/400 VAC*	250/400 VAC*	250/400 VAC*	250/400 VAC*
Max. power rating AC 1	1,500 VA	1,500 VA	1,500 VA	1,500 VA	1,500 VA
Max. power rating AC 15 (230 V AC)	300 VA	300 VA	300 VA	300 VA	300 VA
1-phase motor load, AC 3 operation (230 V AC)	0.185 kw	0.185 kw	0.185 kw	0.185 kw	0.185 kw
Max. switching current DC 1:30/110/220 V	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A
Min. switching load	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)
Standard contact material	AgNi	AgNi	AgNi	AgNi	AgNi
Coil					
Rated voltage (U_N)	5 V DC | – AC	12 V DC | – AC	24 V DC | – AC	12 V DC | 12 AC	24 V DC | 24 AC
Power rating AC/DC	0.2 W	0.2 W	0.2 W	0.2 W	0.2 W
Operating range	– AC (50/60 Hz) (0.8 to 1.2) U_N DC	– AC (50/60 Hz) (0.8 to 1.2) U_N DC	– AC (50/60 Hz) (0.8 to 1.2) U_N DC	(0.8 to 1,1) U_N AC (50/60 Hz) (0.8 to 1.2) U_N DC	(0.8 to 1.1) U_N AC (50/60 Hz) (0.8 to 1.2) U_N DC
Holding current	–AC/0.6 U_NDC	–AC/0.6 U_NDC	–AC/0.6 U_NDC	0.6 U_NAC/0.6 U_NDC	0.6 U_N AC/0.6 U_N DC
Drop-out voltage	–AC/0.05 U_NDC	–AC/0.05 U_NDC	–AC/0.05 U_NDC	0.1 U_NAC/0.05 U_NDC	0.1 U_N AC/0.05 U_N DC

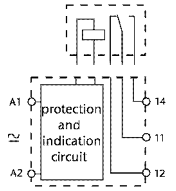
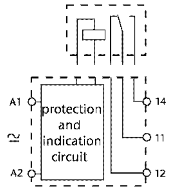
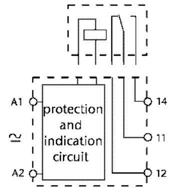
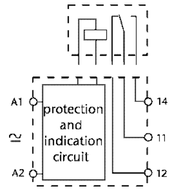
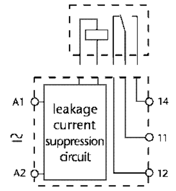
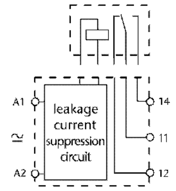
Individual components, socket base					
Type/Colour grey (RAL 7032) **Cat. no.**/Qty. p.pck.	**PRC 6-12-24V DC** **15490.2**/10	**PRC 6-12-24V DC** **15490.2**/10	**PRC 6-12-24V DC** **15490.2**/10	**PRC 6-12-24V AC/DC** **15488.2**/10	**PRC 6-12-24V AC/DC** **15488.2**/10
Individual components, plug relays					
Type/Rated voltage **Cat. no.**/Qty. p.pck.	**PRC 1/5V DC** **15500.2**/10*³	**PRC 1/12V DC** **15501.2**/10*³	**PRC 1/24V DC** **15502.2**/10*³	**PRC 1/12V DC** **15501.2**/10*³	**PRC 1/24V DC** **15502.2**/10*³
Accessories AQI/PRC external insulated cross-connector	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**
Cat. no./Qty. p.pck. yellow	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1
Cat. no./Qty. p.pck. blue	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1
Cat. no./Qty. p.pck. black	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1
TW/PRC partitions	**TW/PRC**	**TW/PRC**	**TW/PRC**	**TW/PRC**	**TW/PRC**
Cat. no./Qty. p.pck.	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1
PMC labelling/markers	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**
Cat. no./Qty. p.pck., standard print, see catalog	p. 157	p. 157	p. 157	p. 157	p. 157
Cat. no./Qty. p.pck. neutral	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300
Cat. no./Qty. p.pck., special print	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300
SDB screwdriver	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**
Cat. no./Qty. p.pck.	**1086.0**/1	**1086.0**/1	**1086.0**/1	**1086.0**/1	**1086.0**/1

* The conditions of pollution degree 2 are fulfilled at 400 V.

*[1] In order for the relay to de-energise, the residual current can be suppressed/controlled via the SPS-230 V semiconductor outputs, longe control lines (LW), thyristors, and inductive proximity switch!

*[2] Since this relay is only produced for DC at a max. 60 V, the adjustment to the operating voltage occurs via the internal resistance and bridge rectifiers!

*[3] Relay available with gold contact, upon request!

PRCU 1/48V AC/DC	PRCU 1/60V AC/DC	PRCU 1/125V AC/DC	PRCU 1/240V AC/DC	PRCU LW 1/125V AC/DC	PRCU LW 1/240V AC
					
					
Frame	Frame	Frame	Frame	Frame	Frame
PRCU 1/48 V AC/DC	**PRCU 1/60 V AC/DC**	**PRCU 1/125 V AC/DC**	**PRCU 1/240 V AC/DC**	**PRCU LW 1/125 V AC/DC**	**PRCU LW 1/240 V AC**
15509.2/10	**15510.2**/10	**15511.2**/10*[2]	**15512.2**/10*[2]	**15553.2**/10*[2]	**15554.2**/10*[2]
87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm	87.3 x 6.2 x 79.9 mm
36 g	36 g	36 g	36 g	36 g	36 g
48 V AC/DC	60 V AC/DC	125 V AC/DC	230 V AC/DC	125 V AC/DC	230 V AC/
$10 \times 10^6/10 \times 10^6$	$10 \times 10^6/10 \times 10^6$	$10 \times 10^6/10 \times 10^6$	$10 \times 10^6/10 \times 10^6$	$10 \times 10^6/10 \times 10^6$	$10 \times 10^6/10 \times 10^6$
60×10^3	60×10^3	60×10^3	60×10^3	60×10^3	60×10^3
5/6 ms	5/6 ms	5/6 ms	5/6 ms	5/6 ms	5/6 ms
4 kV/3	4 kV/3	4 kV/3	4 kV/3	4 kV/3	4 kV/3
6 kV	6 kV	6 kV	6 kV	6 kV	6 kV
1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC	1,000 V AC
-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
RT II	RT II	RT II	RT II	RT II	RT II
-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
10 mm	10 mm	10 mm	10 mm	10 mm	10 mm
1x2.5 | 1x2.5 mm^2	1x2.5 | 1x2.5 mm^2	1x2.5 | 1x2.5 mm^2	1x2.5 | 1x2.5 mm^2	1x2.5 | 1x2.5 mm^2	1x2.5 | 1x2.5 mm^2
1x14 | 1x14 AWG	1x14 | 1x14 AWG	1x14 | 1x14 AWG	1x14 | 1x14 AWG	1x14 | 1x14 AWG	1x14 | 1x14 AWG
1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact
6/10 A	6/10 A	6/10 A	6/10 A	6/10 A	6/10 A
250/400 VAC*	250/400 VAC*	250/400 VAC*	250/400 VAC*	250/400 VAC*	250/400 VAC*
1,500 VA	1,500 VA	1,500 VA	1,500 VA	1,500 VA	1,500 VA
300 VA	300 VA	300 VA	300 VA	300 VA	300 VA
0.185 kw	0.185 kw	0.185 kw	0.185 kw	0.185 kw	0.185 kw
6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A	6/0.2/0.12 A
300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)	300 (5/5) mW (V/mA)
AgNi	AgNi	AgNi	AgNi	AgNi	AgNi
48 V DC | 48 AC	60 V DC | 60 AC	110 to 125 V DC | 110 to 125 AC	220 to 240 V DC | 220 to 240 AC	110 to 125 V DC | 110 to 125 AC	– V DC | 220 to 240 AC
0.2 W	0.2 W	0.2 W	0.2 W	1.0 W	0.5 W
(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)	(0.8 to 1.1) U_N AC (50/60 Hz)
(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC	(0.8 to 1.2) U_N DC
0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_N AC/0.6 U_N DC	0.6 U_NAC/- U_NDC
0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_N AC/0.05 U_N DC	0.1 U_NAC/- U_NDC
PRC 48-60V AC/DC	**PRC 48-60V AC/DC**	**PRC 110... 125V AC/DC**	**PRC 220... 240V AC/DC**	**PRC LW 110... 125V AC/DC**	**PRC LW 220... 240V AC**
15496.2/10	**15496.2**/10	**15497.2**/10	**15489.2**/10	**15555.2**/10	**15491.2**/10
PRC 1/48V DC	**PRC 1/60V DC**	**PRC 1/60V DC**	**PRC 1/60V DC**	**PRC 1/60V DC**	**PRC 1/60V DC**
15547.2/10*[3]	**15503.2**/10*[3]	**15503.2**/10*[3]	**15503.2**/10*[3]	**15503.2**/10*[3]	**15503.2**/10*[3]
AQI/PRC/20	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**	**AQI/PRC/20**
15545.8/1	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1	**15545.8**/1
15545.5/1	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1	**15545.5**/1
15545.4/1	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1	**15545.4**/1
TW/PRC	**TW/PRC**	**TW/PRC**	**TW/PRC**	**TW/PRC**	**TW/PRC**
15546.2/1	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1	**15546.2**/1
PMC BSTR 6/30	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**	**PMC BSTR 6/30**
p. 157	p. 157	p. 157	p. 157	p. 157	p. 157
9106.7/300	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300	**9106.7**/300
9107.7/300	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300	**9107.7**/300
SDB 0.6 x 3.5	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**	**SDB 0.6 x 3.5**
1086.0/1	**1086.0**/1	**1086.0**/1	**1086.0**/1	**1086.0**/1	**1086.0**/1

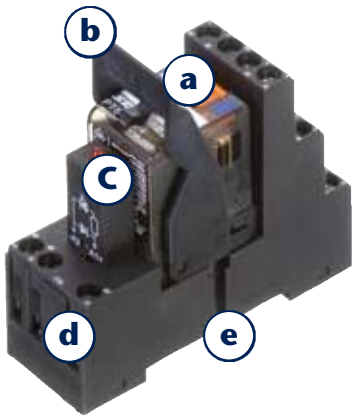
Plug relay system PRS

Screw-clamp connection

1. Overview

a **Pluggable relays**
Pluggable relays are also available with AgSNO and gold contacts, to fit with the many functions of your individual requirements!

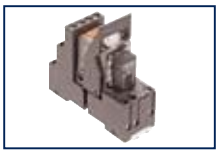
e **Mounts on standard TS 35 rail**
CONTA-CLIP relay bases can be flexibly mounted on standard TS 35 mounting rails according to EN 50035 and EN 50022.

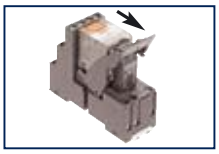


AQI/PRS external cross-connector

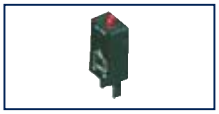
d The AQI/PRS external cross-connection system enables a time-saving distribution of potentials. With this system, you can save time when coupling multiple relay components.

b **Using the mount/dismount lever**
The mounting and dismounting mechanism forms a reliable connection by latching the relay with the socket base. The fitted relay can be removed, easily and without force, from the socket base by using the dismount function of the lever!





c **Pluggable LED and protective modules**
Pluggable modules allow easy insertion into the base module, with reverse-connect protection. Their circuitry is effective in parallel to the coil of the deployed relay.



2. Features

I. Relay

- **PLUG RELAY SYSTEM** (relays with 1, 2, or 4 COs)
- Load-independent switching
- Direct control via the SPS outputs
- High interference immunity
- Electrical isolation of control and load circuits
- Minimal contact resistance, and high insulation resistance
- PRS 4 relay features switch/button for HAND/AUTOMATIC switching
- PRS 4 eco relay features switch/button for HAND/AUTOMATIC switching, and an integrated LED for signaling the switching status

Technical data for the available relays can be found on the following product pages.

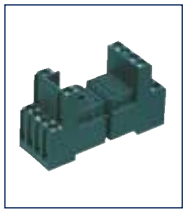
Plug relay system PRS

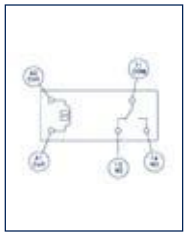
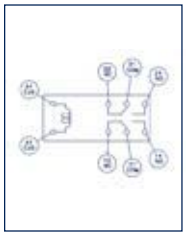
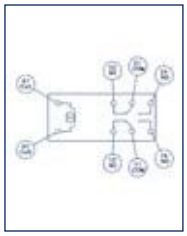
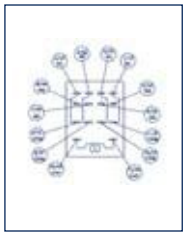
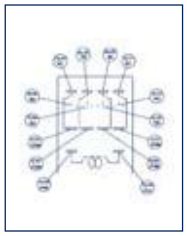
Screw-clamp connection

II. Socket base

- Mount on TS 35
- Very flexible and modular construction of individual relay bases
- User-friendly, because the relays can be easily replaced
- High-quality connection terminals
- Wire strands protected against false insertion
- Terminal screws retention prevents loss
- Pluggable LED display with additional protective circuitry
- Holding clamp made of high-quality plastic



Type Cat. no./Qty. p.pck.	PRS 1 15135.2/1	PRS 2 15136.2/1	PRS 2 G 15320.2/1	PRS 4 15137.2/1	PRS 4 G 15324.2/1
Size (L x W x H) with TS 35	76 x 15.7 x 46 mm	76 x 15.7 x 46 mm	76 x 15.7 x 65 mm	76 x 27.1 x 47 mm	76 x 27.1 x 66 mm
Size with holding clamp (L x W x H) with TS 35	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 27.1 x 85 mm	76 x 27.1 x 87 mm
Weight	33 g	38 g	43 g	63 g	65 g
General					
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	3.5mm pinning	5 mm pinning	5 mm pinning	2.8 mm fast-on	2.8 mm fast-on
Connection type	Screw connection	Screw connection	Screw connection	Screw connection	Screw connection
Technical data					
Rated current	12 A	10 A	10 A	10 A	10 A
Rated voltage	300 V	300 V	300 V	300 V	300 V
Dielectric strength coil/contact	4000 Veff	4000 Veff	4000 Veff	2400 Veff	2400 Veff
Insulation group (VDE 0110 b)	C / 250 V	C / 250 V	C / 250 V	C / 250 V	C / 250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm²	2 x 2.5 mm²	2 x 2.5 mm²	2 x 2.5 mm²	2 x 2.5 mm²
With ferrules	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL / CSA	UL / CSA	UL / CSA	UL / CSA	UL / CSA

III. Insert modules

- Plugs simply into the base module; reverse-connect protection
- Circuitry parallel to coil

Cat. no./Qty. p.pck.	Type	Voltage range	
15141.2/1	PRS LED 24 V DC	12 to 24 V DC	Status display with free-wheel diode
15175.2/1	PRS LED 24 V UC	12 to 48 V AC/DC	Status display
15422.2/1	PRS LED 110 V DC	60 to 110 V DC	Status display with free-wheel diode
15142.2/1	PRS LED 230 V AC	110 to 230 V AC	Status display

IV. Holding clamp

The mount/dismount clamp forms a reliable connection by latching the relay with the socket base. The fitted relay can be removed, easily and without force, from the socket base by using the dismount function of the lever.

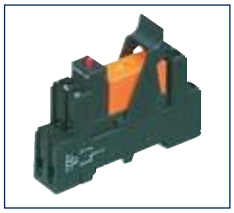
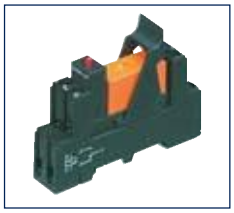
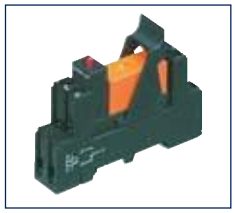
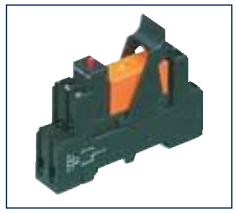
Cat. no./Qty. p.pck.	Type	Weight
15138.2/1	PRS C 1 / C 2	2 g
15140.2/1	PRS C 4	4 g
15628.2/1	PRS C 4 eco	4 g


V. Contact bridge

- A simple and quick bridge to multiple relay blocks

Cat. no./Qty. p.pck.	Type		Weight
15778.2/1	AQI PRS/5	A contact bridge, for bridging five PRS 4 4 CO frames	4 g
15779.2/1	AQI PRS/8	A contact bridge for bridging up to 8 PRS 1 or PRS 2 1 and 2 CO frames	4 g


Relay with 1 CO PRS 1

Complete screw-connection components	PRSU 1/12 V DC	PRSU 1/24 V DC	PRSU 1/60 V DC	PRSU 1/110 V DC
consisting of: · Relay · Insert module · Socket base · Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRSU 1/12 V DC** **15163.2**/1	**PRSU 1/24 V DC** **15169.2**/1	**PRSU 1/60 V DC** **15720.2**/1	**PRSU 1/110 V DC** **15721.2**/1
Size (L x W x H) with TS 35 x 7.5	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm
Weight	55 g	55 g	55 g	55 g

Individual components

Relay 1 W, encapsulated design

Type Cat. no./Qty. p.pck.	PRS 1/12 V DC 6996.0/1	PRS 1/24 V DC 6804.0/1	PRS 1/60 V DC 15539.2/1	PRS 1/110 V DC 15540.2/1
Weight	15 g	15 g	15 g	15 g
General information				
DIN-VDE specifications	Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III, flammability class UL 94 V-0			
Test voltage coil/contact	5 kV	5 kV	5 kV	5 kV
Pinning	3.5mm	3.5mm	3.5mm	3.5mm
Operating temperature	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C
Important Notes	-	-	-	-
Input data				
Input voltage	12 V DC	24 V DC	60 V DC	110 V DC
Rated power consumption	0.40 W	0.40 W	0.42 W	0.42 W
Output data				
Contacts	1 CO contact	1 CO contact	1 CO contact	1 CO contact
Switching voltage/Max. switching voltage	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC
Max continuous current/inrush current	12 A/25 A	12 A/25 A	12 A/25 A	12 A/25 A
Typical response time/release time	7 ms/3 ms	7 ms/3 ms	7 ms/3 ms	7 ms/3 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
Electrical service life	1.2×10^3	1.2×10^3	1.2×10^3	1.2×10^3
at contact load	4 A, 250 V AC	4 A, 250 V AC	4 A, 250 V AC	4 A, 250 V AC
Mechanical life span	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$

Insert module

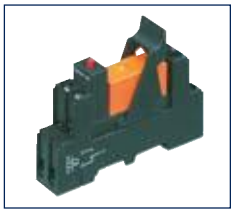
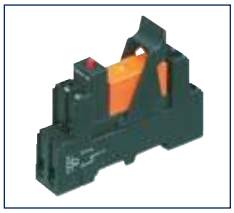
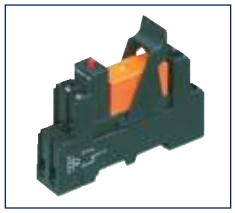
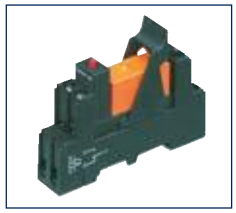
Type Cat. no./Qty. p.pck.	PRS LED 24 V DC 15141.2/1	PRS LED 24 V DC 15141.2/1	PRS LED 110 V DC 15422.2/1	PRS LED 110 V DC 15422.2/1
protected against polarity reversal	Status display with free-wheel diode	Status display with free-wheel diode	Status display with free-wheel diode	Status display with free-wheel diode
in parallel to coil	12 to 24 V DC	12 to 24 V DC	60 to 110 V DC	60 to 110 V DC

Socket base

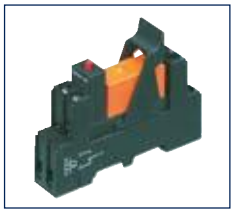
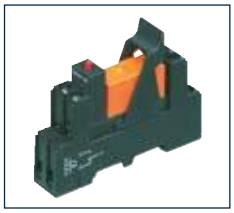
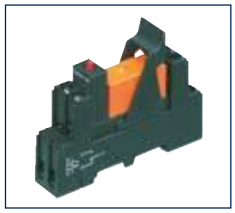
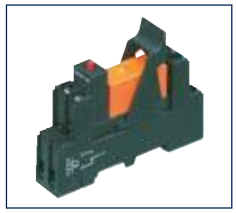
Type Cat. no./Qty. p.pck.	PRS 1 15135.2/1	PRS 1 15135.2/1	PRS 1 15135.2/1	PRS 1 15135.2/1
General				
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	3.5 mm pinning	3.5 mm pinning	3.5 mm pinning	3.5 mm pinning
Connection type	Screw connection	Screw connection	Screw connection	Screw connection
Technical data				
Rated current	12 A	12 A	12 A	12 A
Rated voltage	300 V	300 V	300 V	300 V
Dielectric strength	4000 Veff	4000 Veff	4000 Veff	4000 Veff
Insulation group (VDE 0110 b)	C/250 V	C/250 V	C/250 V	C/250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm²	2 x 2.5 mm²	2 x 2.5 mm²	2 x 2.5 mm²
With ferrules	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA

Holding clamp

Type Cat. no./Qty. p.pck.	PRS C 1/2 15138.2/1	PRS C 1/2 15138.2/1	PRS C 1/2 15138.2/1	PRS C 1/2 15138.2/1

PRSU 1 L/24 V DC	PRSU 1/24 V AC	PRSU 1/115 V AC	PRSU 1/230 V AC		
					
PRSU 1 L/24 V DC **15419.2**/1	**PRSU 1/24 V AC** **15164.2**/1	**PRSU 1/115 V AC** **15418.2**/1	**PRSU 1/230 V AC** **15170.2**/1		
76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm		
60 g	55 g	55 g	55 g		
PRS 1 L/24 V DC **6940.0**/1	**PRS 1/24 V AC** **6480.2**/1	**PRS 1/115 V AC** **15228.2**/1	**PRS 1/230 V AC** **6481.2**/1		
15 g	15 g	15 g	15 g		
Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III, flammability class UL 94 V-0					
4 kV	5 kV	5 kV	5 kV		
5 mm	3.5 mm	3.5 mm	3.5 mm		
-20 to +50°C	-40 to +70°C	-40 to +70°C	-40 to +70°C		
Inductive loads	-	-	-		
24 V DC	24 V AC	115 V AC	230 V AC		
0.50 W	0.75 VA	0.75 VA	0.75 VA		
1 CO contact	1 CO contact	1 CO contact	1 CO contact		
250 V AC	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC		
16 A/80 A (20 ms)	12 A/25 A	12 A/25 A	12 A/25 A		
10 ms/10 ms	7 ms/3 ms	7 ms/3 ms	7 ms/3 ms		
Ag Sn 02	AgNi 90/10	AgNi 90/10	AgNi 90/10		
1 x 10^5	1.2 x 10^3	1.2 x 10^3	1.2 x 10^3		
16 A, 250 V AC	4 A, 250 V AC	4 A, 250 V AC	4 A, 250 V AC		
> 30 x 10^6	> 30 x 10^6	> 30 x 10^6	> 30 x 10^6		
PRS LED 24 V DC **15141.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 230 V AC** **15142.2**/1	**PRS LED 230 V AC** **15142.2**/1		
Status display with free-wheel diode	Status display	Status display	Status display		
12 to 24 V DC	12 to 48 V AC/DC	110 to 230 V/AC	110 to 230 V/AC		
PRS 2 **15136.2**/1	**PRS 1** **15135.2**/1	**PRS 1** **15135.2**/1	**PRS 1** **15135.2**/1		
TS 35	TS 35	TS 35	TS 35		
5 mm pinning	3.5 mm pinning	3.5 mm pinning	3.5 mm pinning		
Screw connection	Screw connection	Screw connection	Screw connection		
10 A	12 A	12 A	12 A		
300 V	300 V	300 V	300 V		
4000 Veff	4000 Veff	4000 Veff	4000 Veff		
C/250 V	C/250 V	C/250 V	C/250 V		
-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C		
IP 20	IP 20	IP 20	IP 20		
V-0	V-0	V-0	V-0		
VBG 4	VBG 4	VBG 4	VBG 4		
2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2		
2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2		
max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm		
UL/CSA	UL/CSA	UL/CSA	UL/CSA		
PRS C 1/2 **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1		

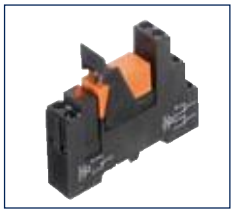
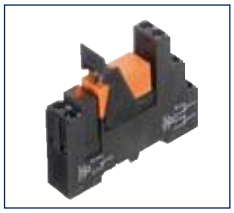
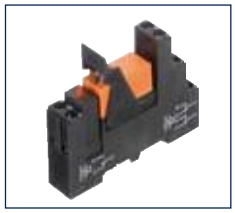
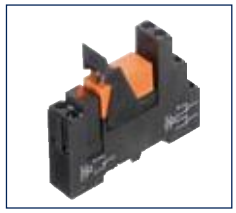
Relay with 2 CO PRS 2

Complete screw-connection components	PRSU 2/12 V DC	PRSU 2/24 V DC	PRSU 2/48 V DC	PRSU 2/60 V DC
consisting of: · Relay · Insert module · Socket base · Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRSU 2/12 V DC** **15165.2**/1	**PRSU 2/24 V DC** **15171.2**/1	**PRSU 2/48 V DC** **15411.2**/1	**PRSU 2/60 V DC** **15412.2**/1
Size (L x W x H) with TS 35 x 7.5	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm
Weight	60 g	60 g	60 g	60 g
Individual components				
Relay 2 W, encapsulated design				
Type **Cat. no.**/Qty. p.pck.	**PRS 2/12 V DC** **6482.2**/1	**PRS 2/24 V DC** **6483.2**/1	**PRS 2/48 V DC** **15334.2**/1	**PRS 2/60 V DC** **15335.2**/1
Weight	15 g	15 g	15 g	15 g
General information				
DIN-VDE specifications	Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III, flammability class UL 94 V-0			
Test voltage coil/contact	5 kV	5 kV	5 kV	5 kV
Pinning	5 mm	5 mm	5 mm	5 mm
Operating temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Input data				
Input voltage	12 V DC	24 V DC	48 V DC	60 V DC
Rated power consumption	0.40 W	0.40 W	0.40 W	0.40 W
Output data				
Contacts	2 CO contact	2 CO contact	2 CO contact	2 CO contact
Switching voltage/Max. switching voltage	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC
Max continuous current/inrush current	8 A/15 A	8 A/15 A	12 A/25 A	8 A/15 A
Typical response time/release time	7 ms/2 ms	7 ms/2 ms	7 ms/2 ms	7 ms/2 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
Electrical service life	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5
at contact load	4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC
Mechanical life span	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$
Insert module				
Type **Cat. no.**/Qty. p.pck.	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 110 V DC** **15422.2**/1
protected against polarity reversal	Status display with free-wheel diode	Status display with free-wheel diode	Status display	Status display with free-wheel diode
in parallel to coil	12 to 24 V DC	12 to 24 V DC	12 to 48 V AC/DC	60 to 110 V DC
Socket base				
Type **Cat. no.**/Qty. p.pck.	**PRS 2** **15136.2**/1	**PRS 2** **15136.2**/1	**PRS 2** **15136.2**/1	**PRS 2** **15136.2**/1
General				
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	5 mm pinning	5 mm pinning	5 mm pinning	5 mm pinning
Connection type	Screw connection	Screw connection	Screw connection	Screw connection
Technical data				
Rated current	10 A	10 A	10 A	10 A
Rated voltage	300 V	300 V	300 V	300 V
Dielectric strength	4000 Veff	4000 Veff	4000 Veff	4000 Veff
Insulation group (VDE 0110 b)	C/250 V	C/250 V	C/250 V	C/250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
With ferrules	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA
Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1

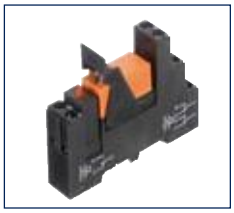
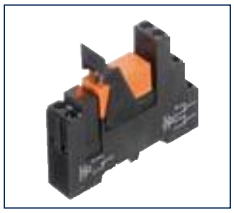
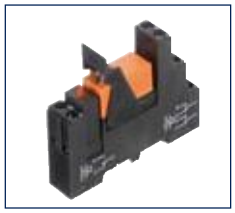
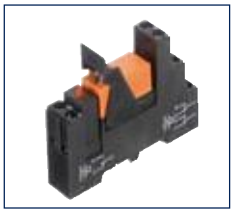
Relay with 2 CO PRS 2

PRSU 2/110 V DC	PRSU 2/24 V AC	PRSU 2/115 V AC	PRSU 2/230 V AC		
					
PRSU 2/110 V DC **15722.2**/1	**PRSU 2/24 V AC** **15166.2**/1	**PRSU 2/115 V AC** **15413.2**/1	**PRSU 2/230 V AC** **15172.2**/1		
76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm		
60 g	60 g	60 g	60 g		
PRS 2/110 V DC **15541.2**/1	**PRS 2/24 V AC** **6484.2** /1	**PRS 2/115 V AC** **15229.2**/1	**PRS 2/230 V AC** **6485.2**/1		
15 g	15 g	15 g	15 g		
Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III, flammability class UL 94 V-0					
5 kV	5 kV	5 kV	5 kV		
5 mm	5 mm	5 mm	5 mm		
-40 to +70 °C	-40 to +70 °C	-40 to +70 °C	-40 to +70 °C		
110 V DC	24 V AC	115 V AC	230 V AC		
0.40 W	0.75 VA	0.75 VA	0.75 VA		
2 CO contact	2 CO contact	2 CO contact	2 CO contact		
250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC		
8 A/15 A	8 A/15 A	8 A/15 A	8 A/15 A		
7 ms/2 ms	7 ms/2 ms	7 ms/2 ms	7 ms/2 ms		
AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10		
1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5		
4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC		
$> 30 \times 10^6$	$> 5 \times 10^6$	$> 5 \times 10^6$	$> 5 \times 10^6$		
PRS LED 110 V DC **15422.2** /1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 230 V AC** **15142.2**/1	**PRS LED 230 V AC** **15142.2**/1		
Status display with free-wheel diode	Status display	Status display	Status display		
60 to 110 V DC	12 to 48 V AC/DC	110 to 230 V AC/DC	110 to 230 V AC/DC		
PRS 2 **15136.2**/1	**PRS 2** **15136.2**/1	**PRS 2** **15136.2**/1	**PRS 2** **15136.2**/1		
TS 35	TS 35	TS 35	TS 35		
5 mm pinning	5 mm pinning	5 mm pinning	5 mm pinning		
Screw connection	Screw connection	Screw connection	Screw connection		
10 A	10 A	10 A	10 A		
300 V	300 V	300 V	300 V		
4000 Veff	4000 Veff	4000 Veff	4000 Veff		
C/250 V	C/250 V	C/250 V	C/250 V		
-25 to +80 °C	-25 to +80 °C	-25 to +80 °C	-25 to +80 °C		
IP 20	IP 20	IP 20	IP 20		
V-0	V-0	V-0	V-0		
VBG 4	VBG 4	VBG 4	VBG 4		
2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2		
2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2		
max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm		
UL/CSA	UL/CSA	UL/CSA	UL/CSA		
PRS C 1/2 **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1		

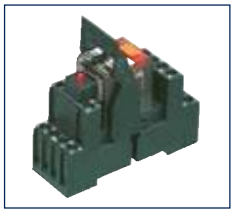
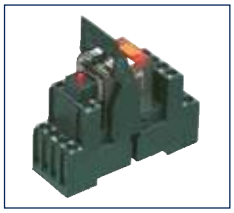
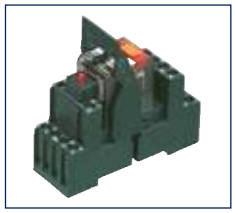
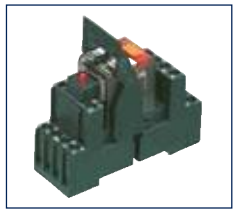
Relay 2 CO contact, PRS 2 G

Complete screw-connection components	PRSU 2 G/12 V DC	PRSU 2 G/24 V DC	PRSU 2 G/48 V DC	PRSU 2 G/60 V DC
consisting of: · Relay · Insert module · Socket base · Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRSU 2 G/12 V DC** **15414.2**/1	**PRSU 2 G/24 V DC** **15233.2**/1	**PRSU 2 G/48 V DC** **15415.2**/1	**PRSU 2 G/60 V DC** **15416.2**/1
Size (L x W x H) with TS 35	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm
Weight	60 g	60 g	60 g	60 g
Individual components				
Relay 2 W, encapsulated design				
Type **Cat. no.**/Qty. p.pck.	**PRS 2/12 V DC** **6482.2**/1	**PRS 2/24 V DC** **6483.2**/1	**PRS 2/48 V DC** **15334.2**/1	**PRS 2/60 V DC** **15335.2**/1
Weight	15 g	15 g	15 g	15 g
General information				
DIN-VDE specifications	Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III, flammability class UL 94 V-0			
Test voltage coil/contact	5 kV	5 kV	5 kV	5 kV
Pinning	5 mm	5 mm	5 mm	5 mm
Operating temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Input data				
Input voltage	12 V DC	24 V DC	48 V DC	60 V DC
Rated power consumption	0.40 W	0.40 W	0.40 W	0.40 W
Output data				
Contacts	2 CO contact	2 CO contact	2 CO contact	2 CO contact
Switching voltage/Max. switching voltage	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC
Max continuous current/inrush current	8 A/15 A	8 A/15 A	8 A/15 A	8 A/15 A
Typical response time/release time	7 ms/2 ms	7 ms/2 ms	7 ms/2 ms	7 ms/2 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
Electrical service life	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5
at contact load	4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC
Mechanical life span	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$
Insert module				
Type **Cat. no.**/Qty. p.pck.	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 110 V DC** **15422.2**/1
protected against polarity reversal	Status display with free-wheel diode	Status display with free-wheel diode	Status display	Status display with free-wheel diode
in parallel to coil	12 to 24 V DC	12 to 24 V DC	12 to 48 V AC/DC	60 to 110 V DC
Socket base				
Type **Cat. no.**/Qty. p.pck.	**PRS 2 G** **15320.2**/1	**PRS 2 G** **15320.2**/1	**PRS 2 G** **15320.2**/1	**PRS 2 G** **15320.2**/1
General				
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	5 mm pinning	5 mm pinning	5 mm pinning	5 mm pinning
Connection type	Screw connection	Screw connection	Screw connection	Screw connection
Technical data				
Rated current	10 A	10 A	10 A	10 A
Rated voltage	300 V	300 V	300 V	300 V
Dielectric strength	4000 Veff	4000 Veff	4000 Veff	4000 Veff
Insulation group (VDE 0110 b)	C/250 V	C/250 V	C/250 V	C/250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
With ferrules	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA
Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1

Relay 2 CO contact, PRS 2 G

PRSU 2 G/110 V DC	PRSU 2 G/24 V AC	PRSU 2 G/115 V AC	PRSU 2 G/230 V AC		
					
PRSU 2 G/110 V DC **15723.2**/1	**PRSU 2 G/24 V AC** **15385.2**/1	**PRSU 2 G/115 V AC** **15417.2**/1	**PRSU 2 G/230 V AC** **15236.2**/1		
76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm	76 x 15.7 x 71 mm		
60 g	60 g	60 g	60 g		
PRS 2/110 V DC **15541.2**/1	**PRS 2/24 V AC** **6484.2**/1	**PRS 2/115 V AC** **15229.2**/1	**PRS 2/230 V AC** **6485.2**/1		
15 g	15 g	15 g	15 g		
Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III, flammability class UL 94 V-0					
5 kV	5 kV	5 kV	5 kV		
5 mm	5 mm	5 mm	5 mm		
-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C		
110 V DC	24 V DC	115 V DC	230 V AC		
0.40 W	0.75 VA	0.75 VA	0.75 VA		
2 CO contact	2 CO contact	2 CO contact	2 CO contact		
250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC	250 V AC/440 V AC		
8 A/15 A	8 A/15 A	8 A/15 A	8 A/15 A		
7 ms/2 ms	7 ms/2 ms	7 ms/2 ms	7 ms/2 ms		
AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10		
1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5		
4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC	4 A, 230 V AC		
$> 30 \times 10^6$	$> 5 \times 10^6$	$> 5 \times 10^6$	$> 5 \times 10^6$		
PRS LED 110 V DC **15422.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 230 V AC** **15142.2**/1	**PRS LED 230 V AC** **15142.2**/1		
Status display with free-wheel diode	Status display	Status display	Status display		
60 to 110 V DC	12 to 48 V AC/DC	110 to 230 V AC	110 to 230 V AC		
PRS 2 G **15320.2**/1	**PRS 2 G** **15320.2**/1	**PRS 2 G** **15320.2**/1	**PRS 2 G** **15320.2**/1		
TS 35	TS 35	TS 35	TS 35		
5 mm pinning	5 mm pinning	5 mm pinning	5 mm pinning		
Screw connection	Screw connection	Screw connection	Screw connection		
10 A	10 A	10 A	10 A		
300 V	300 V	300 V	300 V		
4000 Veff	4000 Veff	4000 Veff	4000 Veff		
C/250 V	C/250 V	C/250 V	C/250 V		
-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C		
IP 20	IP 20	IP 20	IP 20		
V-0	V-0	V-0	V-0		
VBG 4	VBG 4	VBG 4	VBG 4		
2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2		
2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2		
max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm		
UL/CSA	UL/CSA	UL/CSA	UL/CSA		
PRS C 1/2 **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1	**PRS C 1/2** **15138.2**/1		

Relay with 4 CO PRS 4

Complete screw-connection components	PRSU 4/12 V DC	PRSU 4/24 V DC	PRSU 4/48 V DC	PRSU 4/60 V DC
consisting of: · Relay · Insert module · Socket base · Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRSU 4/12 V DC** **15167.2**/1	**PRSU 4/24 V DC** **15173.2**/1	**PRSU 4/48 V DC** **15724.2**/1	**PRSU 4/60 V DC** **15725.2**/1
Size (L x W x H) with TS 35 x 7.5	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm
Weight	95 g	95 g	95 g	95 g

Individual components

Relay 4 W, open design, with switch

Type **Cat. no.**/Qty. p.pck.	**PRS 4/12 V DC** **6486.2**/1	**PRS 4/24 V DC** **6487.2**/1	**PRS 4/48 V DC** **15461.2**/1	**PRS 4/60 V DC** **15336.2**/1
Weight	30 g	30 g	30 g	30 g
General information				
DIN-VDE specifications	Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III			
Test voltage coil/contact	2.5 kV	2.5 kV	2.5 kV	2.5 kV
Operating temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Input data				
Input voltage	12 V DC	24 V DC	48 V DC	60 V DC
Rated power consumption	0.75 W	0.75 W	0.75 W	0.75 W
Output data				
Contacts	4 CO contact	4 CO contact	4 CO contact	4 CO contact
Switching voltage/Max. switching voltage	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC
Max continuous current/inrush current	6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A
Typical response time/release time	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
Electrical service life	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5
at contact load	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC
Mechanical life span	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$

Insert module

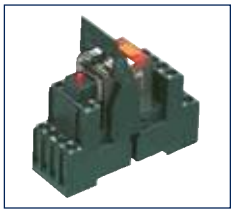
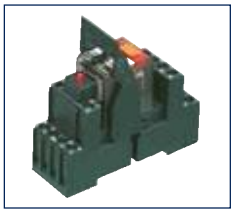
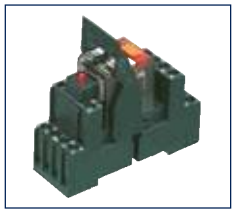
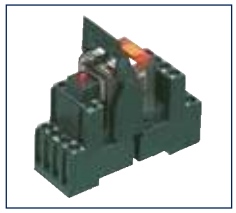
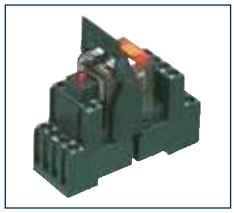
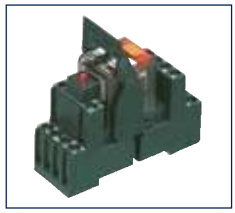
Type **Cat. no.**/Qty. p.pck.	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 110 V DC** **15422.2**/1
protected against polarity reversal	Status display with free-wheel diode	Status display with free-wheel diode	Status display	Status display with free-wheel diode
in parallel to coil	12 to 24 V DC	12 to 24 V DC	12 to 48 V AC/DC	60 to 110 V DC

Socket base

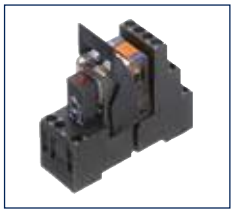
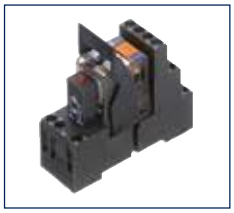
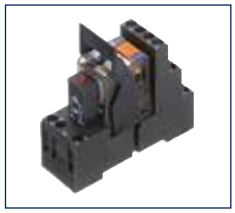
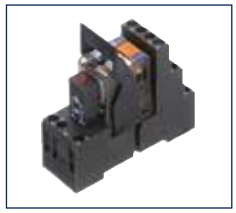
Type **Cat. no.**/Qty. p.pck.	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1
General				
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	2.8mm fast-on	2.8 mm fast-on	2.8 mm fast-on	2.8 mm fast-on
Connection type	Screw connection	Screw connection	Screw connection	Screw connection
Technical data				
Rated current	10 A	10 A	10 A	10 A
Rated voltage	300 V	300 V	300 V	300 V
Dielectric strength	2400 Veff	2400 Veff	2400 Veff	2400 Veff
Insulation group (VDE 0110 b)	C/250 V	C/250 V	C/250 V	C/250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
With ferrules	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA

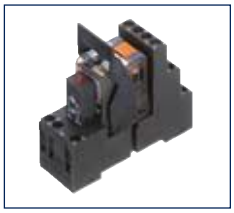
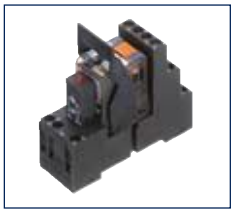
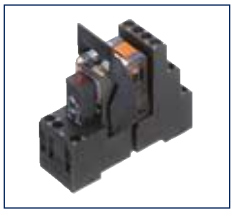
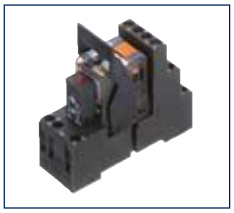
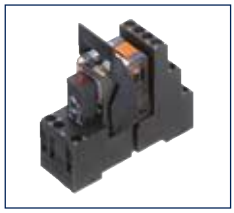
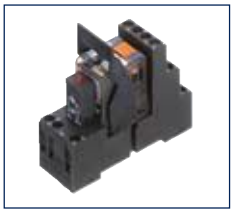
Holding clamp

Type **Cat. no.**/Qty. p.pck.	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1

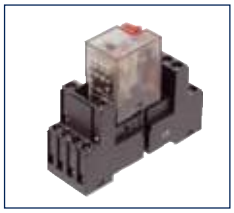
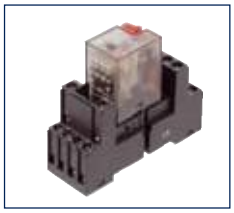
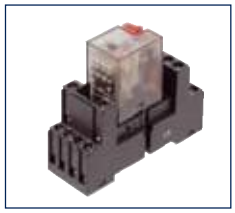
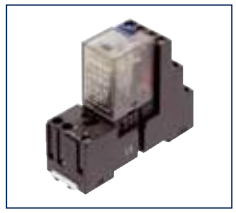
PRSU 4/110 V DC	PRSU 4/220 V DC	PRSU 4/12 V AC	PRSU 4/24 V AC	PRSU 4/115 V AC	PRSU 4/230 V AC
					
PRSU 4/110 V DC **15726.2**/1	**PRSU 4/220 V DC** **15727.2**/1	**PRSU 4/12 V AC** **15392.2**/1	**PRSU 4/24 V AC** **15168.2**/1	**PRSU 4/115 V AC** **15728.2**/1	**PRSU 4/230 V AC** **15174.2**/1
76 x 27.1 x 85 mm	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm	76 x 27.1 x 85 mm
95 g	95 g	95 g	95 g	95 g	95 g
PRS 4/110 V DC **15542.2**/1	**PRS 4/220 V DC** **15368.2**/1	**PRS 4/12 V AC** **15393.2**/1	**PRS 4/24 V AC** **6488.2**/1	**PRS 4/115 V AC** **15257.2**/1	**PRS 4/230 V AC** **6489.2**/1
30 g	30 g	30 g	30 g	30 g	30 g
Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III					
2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV
-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
110 V DC	220 V DC	12 V AC	24 V AC	115 V AC	230 V AC
0.75 W	0.75 W	1.0 VA	1.0 VA	1.0 VA	1.0 VA
4 CO contact	4 CO contact	4 CO contact	4 CO contact	4 CO contact	4 CO contact
250 V/250 V AC	250 V/250 V AC	250 V/250 V AC	250 V/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC
6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A
15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms
AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5
6 A, 250 V A	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC
> 30×10^6	> 30×10^6	> 20×10^6	> 20×10^6	> 20×10^6	> 20×10^6
PRS LED 110 V DC **15422.2**/1	**PRS LED 230 V AC** **15142.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 230 V AC** **15142.2**/1	**PRS LED 230 V AC** **15142.2**/1
Status display with free-wheel diode	Status display	Status display	Status display	Status display	Status display
60 to 110 V DC	110 to 230 V DC	12 to 48 V AC/DC	12 to 48 V AC/DC	110 to 230 V AC/DC	110 to 230 V AC
PRS 4 **15137.2**/1	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1	**PRS 4** **15137.2**/1
TS 35	TS 35	TS 35	TS 35	TS 35	TS 35
2.8 mm fast-on	2.8 mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on
Screw connection	Screw connection	Screw connection	Screw connection	Screw connection	Screw connection
10 A	10 A	10 A	10 A	10 A	10 A
300 V	300 V	300 V	300 V	300 V	300 V
2400 Veff	2400 Veff	2400 Veff	2400 Veff	2400 Veff	2400 Veff
C/250 V	C/250 V	C/250 V	C/250 V	C/250 V	C/250 V
-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
V-0	V-0	V-0	V-0	V-0	V-0
VBG 4	VBG 4	VBG 4	VBG 4	VBG 4	VBG 4
2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
UL/CSA	UL/CSA	UL/CSA	UL/CSA	UL/CSA	UL/CSA
PRS C 4 **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1

Relay 4 CO contact, PRS 4 G

Complete screw-connection components	PRSU 4 G/12 V DC	PRSU 4 G/24 V DC	PRSU 4 G/48 V DC	PRSU 4 G/60 V DC
consisting of: · Relay · Insert module · Socket base · Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRSU 4 G/12 V DC** **15421.2**/1	**PRSU 4 G/24 V DC** **15332.2**/1	**PRSU 4 G/48 V DC** **15729.2**/1	**PRSU 4 G/60 V DC** **15730.2**/1
Size (L x W x H) with TS 35 x 7.5	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm
Weight	95 g	95 g	95 g	95 g
Individual components				
Relay 4 W, open design, with switch				
Type **Cat. no.**/Qty. p.pck.	**PRS 4/12 V DC** **6486.2**/1	**PRS 4/24 V DC** **6487.2**/1	**PRS 4/48 V DC** **15461.2**/1	**PRS 4/60 V DC** **15336.2**/1
Weight	30 g	30 g	30 g	30 g
General information				
DIN-VDE specifications	Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III			
Test voltage coil/contact	2.5 kV	2.5 kV	2.5 kV	2.5 kV
Operating temperature	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Input data				
Input voltage	12 V DC	24 V DC	48 V DC	60 V DC
Rated power consumption	0.75 W	0.75 W	0.75 W	0.75 W
Output data				
Contacts	4 CO contact	4 CO contact	4 CO contact	4 CO contact
Switching voltage/Max. switching voltage	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC
Max continuous current/inrush current	6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A
Typical response time/release time	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
Electrical service life	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5
at contact load	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC
Mechanical life span	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$	$> 30 \times 10^6$
Insert module				
Type **Cat. no.**/Qty. p.pck.	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V DC** **15141.2**/1	**PRS LED 24 V UC** **15175.2**/1	**PRS LED 110 V DC** **15422.2**/1
protected against polarity reversal	Status display with free-wheel diode	Status display with free-wheel diode	Status display	Status display with free-wheel diode
in parallel to coil	12 to 24 V DC	12 to 24 V DC	12 to 48 V AC/DC	60 to 110 V DC
Socket base				
Type **Cat. no.**/Qty. p.pck.	**PRS 4 G** **15137.2**/1	**PRS 4 G** **15137.2**/1	**PRS 4 G** **15137.2**/1	**PRS 4 G** **15137.2**/1
General				
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on
Connection type	Screw connection	Screw connection	Screw connection	Screw connection
Technical data				
Rated current	10 A	10 A	10 A	10 A
Rated voltage	300 V	300 V	300 V	300 V
Dielectric strength	2400 Veff	2400 Veff	2400 Veff	2400 Veff
Insulation group (VDE 0110 b)	C/250 V	C/250 V	C/250 V	C/250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
With ferrules	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA
Holding clamp				
Type **Cat. no.**/Qty. p.pck.	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1	**PRS C 4** **15140.2**/1

PRSU 4 G/110 V DC	PRSU 4 G/220 V DC	PRSU 4 G/12 V AC	PRSU 4 G/24 V AC	PRSU 4 G/115 V AC	PRSU 4 G/230 V AC
					
PRSU 4 G/110 V DC 15731.2/1	**PRSU 4 G/220 V DC 15732.2**/1	**PRSU 4 G/12 V AC 15420.2**/1	**PRSU 4 G/24 V AC 15371.2**/1	**PRSU 4 G/115 V AC 15733.2**/1	**PRSU 4 G/230 V AC 15372.2**/1
76 x 27.1 x 87 mm	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm	76 x 27.1 x 87 mm
95 g	95 g	95 g	95 g	95 g	95 g
PRS 4/110 V DC 15542.2/1	**PRS 4/220 V DC 15368.2**/1	**PRS 4/12 V AC 15393.2**/1	**PRS 4/24 V AC 6488.2**/1	**PRS 4/115 V AC 15257.2**/1	**PRS 4/230 V AC 6489.2**/1
30 g	30 g	30 g	30 g	30 g	30 g
Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III					
2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV	2.5 kV
-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
110 V DC	220 V DC	12 V AC	24 V AC	115 V AC	230 V AC
0.75 W	0.75 W	1.0 VA	1.0 VA	1.0 VA	1.0 VA
4 CO contact	4 CO contact	4 CO contact	4 CO contact	4 CO contact	4 CO contact
250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC
6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A	6 A/12 A
15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms
AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5	1.5×10^5
6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC	6 A, 250 V AC
> 30×10^6	> 30×10^6	> 20×10^6	> 20×10^6	> 20×10^6	> 20×10^6
PRS LED 110 V DC 15422.2/1	**PRS LED 230 V AC 15142.2**/1	**PRS LED 24 V UC 15175.2**/1	**PRS LED 24 V UC 15175.2**/1	**PRS LED 230 V AC 15142.2**/1	**PRS LED 230 V AC 15142.2**/1
Status display with free-wheel diode	Status display	Status display	Status display	Status display	Status display
60 to 110 V DC	110 to 230 V AC	12 to 48 V AC/DC	12 to 48 V AC/DC	110 to 230 V AC	110 to 230 V AC
PRS 4 G 15137.2/1	**PRS 4 G 15137.2**/1	**PRS 4 G 15137.2**/1	**PRS 4 G 15137.2**/1	**PRS 4 G 15137.2**/1	**PRS 4 G 15137.2**/1
TS 35	TS 35	TS 35	TS 35	TS 35	TS 35
2.8mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on
Screw connection	Screw connection	Screw connection	Screw connection	Screw connection	Screw connection
10 A	10 A	10 A	10 A	10 A	10 A
300 V	300 V	300 V	300 V	300 V	300 V
2400 Veff	2400 Veff	2400 Veff	2400 Veff	2400 Veff	2400 Veff
C/250 V	C/250 V	C/250 V	C/250 V	C/250 V	C/250 V
-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
V-0	V-0	V-0	V-0	V-0	V-0
VBG 4	VBG 4	VBG 4	VBG 4	VBG 4	VBG 4
2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
UL/CSA	UL/CSA	UL/CSA	UL/CSA	UL/CSA	UL/CSA
PRS C 4 15140.2/1	**PRS C 4 15140.2**/1	**PRS C 4 15140.2**/1	**PRS C 4 15140.2**/1	**PRS C 4 15140.2**/1	**PRS C 4 15140.2**/1

Relay 4 CO PRS 4 eco

Complete screw-connection components	PRSU 4/24 V DC eco	PRSU 4/24 V AC eco	PRSU 4/230 V AC eco	PRSU 4 G/24 V DC eco
consisting of: · Relay · Socket base				
Type **Cat. no.**/Qty. p.pck.	**PRSU 4/24 V DC eco** **15619.2**/1	**PRSU 4/24 V AC eco** **15620.2**/1	**PRSU 4/230 V AC eco** **15621.2**/1	**PRSU 4 G/24 V DC eco** **15622.2** /1
Size (L x W x H) with TS 35 x 7.5	76 x 27.1 x 68 mm	76 x 27.1 x 68 mm	76 x 27.1 x 68 mm	76 x 27.1 x 68 mm
Weight	95 g	95 g	95 g	95 g

Individual components

Relay 4 W, open design, with switch and status display

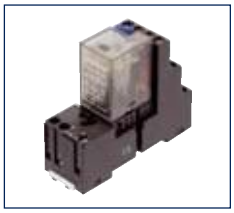
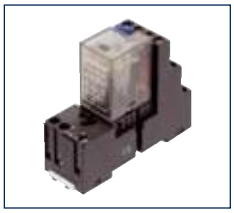
Type **Cat. no.**/Qty. p.pck.	PRS 4/24 V DC eco **15591.2**/1	PRS 4/24 V AC eco **15592.2**/1	PRS 4/230 V AC eco **15621.2**/1	PRS 4/24 V DC eco **15591.2**/1
Weight	35 g	35 g	35 g	35 g
General information				
DIN-VDE specifications	Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III			
Test voltage coil/contact	3 kV	3 kV	3 kV	3 kV
Operating temperature	-25 to +55°C	-25 to +55°C	-25 to +55°C	-25 to +55°C
Input data				
Input voltage	12 V DC	24 V AC	230 V AC	12 DC
Rated power consumption	0.9 W	1.27 VA	1.61 VA	0.9 W
Output data				
Contacts	4 CO contact	4 CO contact	4 CO contact	4 CO contact
Switching voltage/Max. switching voltage	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC	250 V AC/250 V AC
Max continuous current/inrush current	5 A/5 A	5 A/5 A	5 A/5 A	5 A/5 A
Typical response time/release time	25 ms/25 ms	25 ms/25 ms	25 ms/25 ms	25 ms/25 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgNi 90/10
Electrical service life	1 x 10^5	1 x 10^5	1 x 10^5	1 x 10^5
at contact load	5 A, 250 V AC	5 A, 250 V AC	5 A, 250 V AC	5 A, 250 V AC
Mechanical life span	1 x 10^7	1 x 10^7	1 x 10^7	1 x 10^7

Socket base

Type **Cat. no.**/Qty. p.pck.	PRS 4 **15137.2**/1	PRS 4 **15137.2**/1	PRS 4 **15137.2**/1	PRS 4 G **15324.2**/1
General				
Mounting foot for DIN rails	TS 35	TS 35	TS 35	TS 35
Plug-in modules for	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on	2.8mm fast-on
Connection type	Screw connection	Screw connection	Screw connection	Screw connection
Technical data				
Rated current	10 A	10 A	10 A	10 A
Rated voltage	300 V	300 V	300 V	300 V
Dielectric strength	2400 Veff	2400 Veff	2400 Veff	2400 Veff
Insulation group (VDE 0110 b)	C/250 V	C/250 V	C/250 V	C/250 V
Ambient temperature	-25 to +80°C	-25 to +80°C	-25 to +80°C	-25 to +80°C
Protection degree, enclosure	IP 20	IP 20	IP 20	IP 20
Flammability class UL 94	V-0	V-0	V-0	V-0
Touch protection, acc. to	VBG 4	VBG 4	VBG 4	VBG 4
Connection cross-section	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2	2 x 2.5 mm^2
With ferrules	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2	2 x 1.5 mm^2
Screw torque	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm	max. 0.8 Nm
Approvals	UL/CSA	UL/CSA	UL/CSA	UL/CSA

Accessory, Holding clamp

Type **Cat. no.**/Qty. p.pck.	PRS C 4 eco **15628.2**/1	PRS C 4 eco **15628.2**/1	PRS C 4 eco **15628.2**/1	PRS C 4 eco **15628.2**/1

PRSU 4 G/24 V AC eco	PRSU 4 G/230 V AC eco				
					
PRSU 4 G/24 V AC eco **15623.2**/1	**PRSU 4 G/230 V AC eco** **15624.2**/1				
76 x 27.1 x 68 mm	76 x 27.1 x 68 mm				
95 g	95 g				
PRS 4/24 V AC eco **15592.2**/1	**PRS 4/230 V AC eco** **15593.2**/1				
35 g	35 g				
Insulation IEC 664/VDE 0110, rated voltage 250 V, pollution degree 3, overvoltage category III					
3 kV	3 kV				
-25 to +55°C	-25 to +55°C				
24 V AC	230 V AC				
1.27 VA	1.61 VA				
4 CO contact	4 CO contact				
250 V AC/250 V AC	250 V AC/250 V AC				
5 A/5 A	5 A/5 A				
25 ms/25 ms	25 ms/25 ms				
AgNi 90/10	AgNi 90/10				
1 x 10^5	1 x 10^5				
5 A, 250 V AC	5 A, 250 V AC				
1 x 10^7	1 x 10^7				
PRS 4 G **15324.2**/1	**PRS 4 G** **15324.2**/1				
TS 35	TS 35				
2.8mm fast-on	2.8mm fast-on				
Screw connection	Screw connection				
10 A	10 A				
300 V	300 V				
2400 Veff	2400 Veff				
C/250 V	C/250 V				
-25 to +80°C	-25 to +80°C				
IP 20	IP 20				
V-0	V-0				
VBG 4	VBG 4				
2 x 2.5 mm^2	2 x 2.5 mm^2				
2 x 1.5 mm^2	2 x 1.5 mm^2				
max. 0.8 Nm	max. 0.8 Nm				
UL/CSA	UL/CSA				
PRS C 4 eco **15628.2**/1	**PRS C 4 eco** **15628.2**/1				

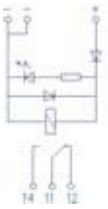
Relay modules with 1 CO RM 1

- Mount on TS 32/TS 35
- Screw connection
- Input side: suppression and reverse-polarity protection diode
- LED for indicating the switching status
- Relays available as solder-in or pluggable

RM 1/1 W
Pluggable relay
1 CO contact

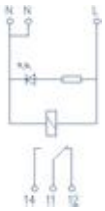
RMD 1/1 W
Soldered relay
1 CO contact

Circuit diagram



1

Circuit diagram



2

Size (L x W x H) with TS 35 x 7.5	87 x 20 x 72 mm
Weight	57 g

Cat. no./Qty. p.pck.	**Type**	**Circuit diagram**
Pluggable relay		
6584.2/1	RM 1/1 W/12 V DC	1
5450.2/1	RM 1/1 W/24 V DC	1
5602.2/1	RM 1/1 W/115 V DC	1
5598.2/1	RM 1/1 W/24 V AC	2
5460.2/1	RM 1/1 W/115 V AC	2
5462.2/1	RM 1/1 W/230 V AC	2
Soldered relay		
6585.2/1	RMD 1/1 W/12 V DC	1
5451.2/1	RMD 1/1 W/24 V DC	1
5603.2/1	RMD 1/1 W/115 V DC	1
5599.2/1	RMD 1/1 W/24 V AC	2
5461.2/1	RMD 1/1 W/115 V AC	2
5463.2/1	RMD 1/1 W/230 V AC	2

Relay	
Relay	Pluggable/soldered
Contacts	1 CO contact
Design	Closed

General information	
DIN-VDE specifications	DIN EN 50178, DIN VDE 0110, pollution degree 2, overvoltage category III
Test voltage coil/contact	4 kV
Pinning	5 mm
Operating temperature	-20 to +50 °C
Insulation stripping length	7 mm
Conductor cross-section	0.2-2.5 mm²/ AWG 22-14

Relay data				
Input data				
Input voltage ±10%	12 V DC	24 V DC	115 V DC	24 V AC
Power consumption ±10%	0.6 W	0.6 W	0.6 W	1.0 VA
Status indication (LED)	red	red	red	red
Output data				
Contacts	1/2 CO contact	1/2 CO contact	1/2 CO contact	1/2 CO contact
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC
Max continuous current/inrush current	6 A/10 A*	6 A/10 A*	6 A/10 A*	6 A/10 A*
Max. power rating (ohmic load)	2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A
Typical response time/release time	9 ms/7 ms	9 ms/7 ms	9 ms/7 ms	15 ms/10 ms
Contact material	AgNi	AgNi	AgNi	AgNi
Electrical life span at max. contact load	> 5 x 10^5	> 5 x 10^5	> 5 x 10^5	> 5 x 10^5
Mechanical life span	> 2 x 10^7	> 2 x 10^7	> 2 x 10^7	> 2 x 10^7

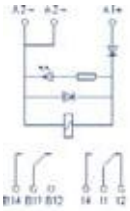
*2 CO relays 6 A/10 A, 1 CO relay 8 A/10A

Relay modules 2 CO RM 1/2

RM 1/2 W
Pluggable relay
2 CO contact

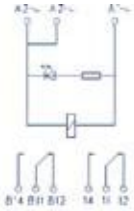
RMD 1/2 W
Soldered relay
2 CO contact

Circuit diagram



3

Circuit diagram



4

Size (L x W x H) with TS 35 x 7.5	87 x 26 x 76 mm
Weight	60 g

Cat. no./Qty. p.pck.	**Type**	**Circuit diagram**
Pluggable relay		
6586.2/1	RM 1/2 W/12 V DC	3
5550.2/1	RM 1/2 W/24 V DC	3
5652.2/1	RM 1/2 W/115 V DC	3
5648.2/1	RM 1/2 W/24 V AC	4
5562.2/1	RM 1/2 W/115 V AC	4
5564.2/1	RM 1/2 W/230 V AC	4
Soldered relay		
6587.2/1	RMD 1/2 W/12 V DC	3
5551.2/1	RMD 1/2 W/24 V DC	3
5653.2/1	RMD 1/2 W/115 V DC	3
5649.2/1	RMD 1/2 W/24 V AC	4
5563.2/1	RMD 1/2 W/115 V AC	4
5565.2/1	RMD 1/2 W/230 V AC	4
Relay with gold contact		
6229.2/1	RMD 1 Au/2 W 24 V DC	3
Relay	pluggable/soldered	
Contacts	2 CO contact	
Design	Closed	

DIN EN 50178, DIN VDE 0110, pollution degree 2, overvoltage category III
4 kV
5 mm
-20 to +50 °C
7 mm
0.2-2.5 mm² / AWG 22-14

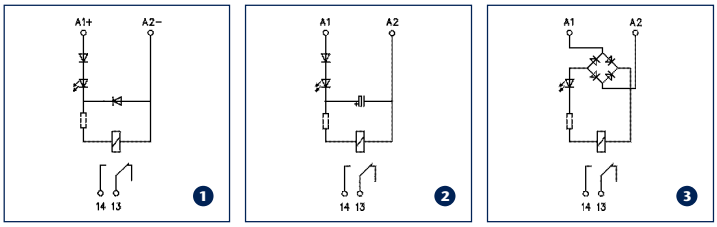
115 V AC	230 VAC	24 V DC (RMD 1 Au)
1.0 VA	1.0 VA	0.4 W
red	red	red
1/2 CO contact	1/2 CO contact	1/2 CO contact
250 V AC	250 V AC	250 V AC
6 A / 10 A*	6 A / 10 A*	1 A / 1 A
2000 VA at 250 VAC, 8 A	2000 VA at 250 VAC, 8 A	125 VA / 30 W
15 ms / 8 ms	15 ms / 10 ms	6 ms / 5 ms
AgNi	AgNi	AgPd 60 / 10+10 µm Au
> 5 x 10^5	> 5 x 10^5	> 5 x 10^5
> 2 x 10^7	> 2 x 10^7	> 2 x 10^7

Relay modules RM-S

- Mount on TS 32/TS 35
- Screw connection
- Input side: suppression and reverse-polarity protection diode
- LED for indication of switching status is possible
- Thin design, a width of 11.2 mm

RM-S
Soldered relay
1 NO

Circuit diagram



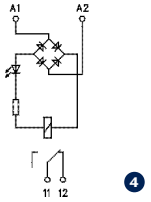
General information	
DIN-VDE specifications	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III
Test voltage coil/contact	4 kV
Operating temperature	-20 to +50 °C
Insulation stripping length	7 mm
Connection cross-section	0.2-2.5 mm²/ AWG 22-14
Relay	soldered
Design	Closed

Cat. no./Qty. p.pck.	**Type**	**Circuit diagram**
Size (L x W x H) with TS 35 x 7.5	77 x 11.2 x 55 mm	
Weight	30 g	
red LED		
6347.2/1	RM-SR/1 S/12 V DC	1
5400.2/1	RM-SR/1 S/24 V DC	1
5412.2/1	RM-SR/1 S/48 V DC	1
5424.2/1	RM-SR/1 S/60 V DC	1
6356.2/1	RM-SR/1 S/12 V DC/AC	2
5406.2/1	RM-SR/1 S/24 V DC/AC	2
5418.2/1	RM-SR/1 S/48 V DC/AC	2
5430.2/1	RM-SR/1 S/115 V DC/AC	3
5436.2/1	RM-SR/1 S/230 V DC/AC	3
green LED		
6348.2/1	RM-SG/1 S/12 V DC	1
5401.2/1	RM-SG/1 S/24 V DC	1
5413.2/1	RM-SG/1 S/48 V DC	1
5425.2/1	RM-SG/1 S/60 V DC	1
6357.2/1	RM-SG/1 S/12 V DC/AC	2
5407.2/1	RM-SG/1 S/24 V DC/AC	2
5419.2/1	RM-SG/1 S/48 V DC/AC	2
5431.2/1	RM-SG/1 S/115 V DC/AC	3
5437.2/1	RM-SG/1 S/230 V DC/AC	3
without LED		
6349.2/1	RM-S/1 S/12 V DC	1
5402.2/1	RM-S/1 S/24 V DC	1
5414.2/1	RM-S/1 S/48 V DC	1
5426.2/1	RM-S/1 S/60 V DC	1
6358.2/1	RM-S/1 S/12 V DC/AC	2
5408.2/1	RM-S/1 S/24 V DC/AC	2
5420.2/1	RM-S/1 S/48 V DC/AC	2

Relay data				
Input data				
Input voltage ±10%	12 V DC	24 V DC	48 V DC	60 V DC
Power consumption ±10%	0.6 W	0.6 W	0.6 W	0.6 W
Output data				
Contacts				
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC
Max continuous current/inrush current	6 A/8 A	6 A/8 A	6 A/8 A	6 A/8 A
Max. power rating (ohmic load)	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A
Typical response time/release time	9 ms/ 7 ms	9 ms/ 7 ms	9 ms/ 7 ms	9 ms/ 7 ms
Contact material	AgNi	AgNi	AgNi	AgNi
Electrical life span at max. contact load	> 1.5 x 10^5	> 1.5 x 10^6	> 1.5 x 10^7	> 1.5 x 10^8
Mechanical life span	> 1 x 10^7	> 1 x 10^8	> 1 x 10^9	> 1 x 10^{10}

RM-S
Soldered relay
1 NC

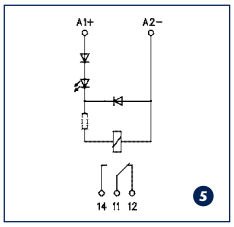
Circuit diagram



Cat. no./Qty. p.pck.	**Type**	**Circuit diagram**
Size	77 x 11.2 x 55 mm	
Weight	30 g	
red LED		
5433.2/1	RM-SR/1O/115 V DC/AC	4
5439.2/1	RM-SR/1O/230 V DC/AC	4
green LED		
5434.2/1	RM-SG/1O/115 V DC/AC	4
5440.2/1	RM-SG/1O/230 V DC/AC	4

RM-S
Soldered relay
1 CO contact

Circuit diagram



Cat. no./Qty. p.pck.	**Type**	**Circuit diagram**
Size	77 x 11.2 x 60 mm	
Weight	30 g	
red LED		
6353.2/1	RM-SR/1 W/12 V DC	5
5770.2/1	RM-SR/1 W/24 V DC	5
5776.2/1	RM-SR/1 W/48 V DC	5
5782.2/1	RM-SR/1 W/60 V DC	5
6362.2/1	RM-SR/1 W/12 V DC/AC	6
5773.2/1	RM-SR/1 W/24 V DC/AC	6
5779.2/1	RM-SR/1 W/48 V DC/AC	6
5785.2/1	RM-SR/1 W/115 V DC/AC	7
5788.2/1	RM-SR/1 W/230 V DC/AC	7
green LED		
6354.2/1	RM-SG/1 W/12 V DC	5
5771.2/1	RM-SG/1 W/24 V-	5
5777.2/1	RM-SG/1 W/48 V DC	5
5783.2/1	RM-SG/1 W/60 V DC	5
6363.2/1	RM-SG/1 W/12 V DC/AC	6
5774.2/1	RM-SG/1 W/24 V DC/AC	6
5780.2/1	RM-SG/1 W/48 V DC/AC	6
5786.2/1	RM-SG/1 W/115 V DC/AC	7
5789.2/1	RM-SG/1 W/230 V DC/AC	7
without LED		
6355.2/1	RM-S/1 W/12 V DC	5
5772.2/1	RM-S/1 W/24 V DC	5
5778.2/1	RM-S/1 W/48 V DC	5
5784.2/1	RM-S/1 W/60 V DC	5
6364.2/1	RM-S/1 W/12 V DC/AC	6
5775.2/1	RM-S/1 W/24 V DC/AC	6
5781.2/1	RM-S/1 W/48 V DC/AC	6

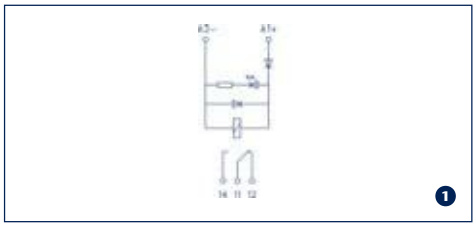
12 V AC/DC	24 V AC/DC	48 V AC/DC	115 V AC/DC	230 V AC/DC	
0,6 W/0.8 VA	0,4 W/0.6 VA	0,5 W/0.7 VA	0,6 W/0.8 VA	1,0 W/1.2 VA	
250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	
6 A/8 A	6 A/8 A	6 A/8 A	6 A/8 A	6 A/8 A	
2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	
15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms	
AgNi	AgNi	AgNi	AgNi	AgNi	
> 1.5 x 10^{9}	> 1.5 x 10^{10}	> 1.5 x 10^{11}	> 1.5 x 10^{12}	> 1.5 x 10^{13}	
> 1 x 10^{11}	> 1 x 10^{12}	> 1 x 10^{13}	> 1 x 10^{14}	> 1 x 10^{15}	

Relay modules 1 CO RML

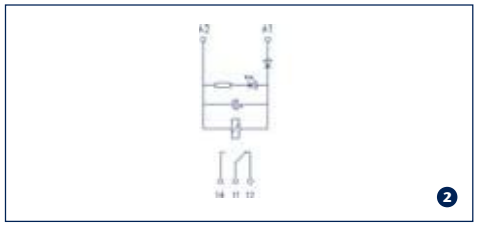
- Mount on TS 32/TS 35
- Screw connection
- LED for indicating the switching status
- Power relay, 16 A

RML/1 W
Soldered relay
1 CO contact

Circuit diagram



Circuit diagram



Cat. no./Qty. p.pck.	**Type**	**Circuit diagram**
Soldered relay		
5800.2/1	RML/1 W/24 V DC	1
5801.2/1	RML/1 W/24 V AC/DC	2
5802.2/1	RML/1 W/48 V DC	1
Load relay		
6920.0	RML-L/1 W/24 V DC	1

Size (L x W x H) with TS 35 x 7.5	87 x 24 x 68 mm
Weight	53 g
Relay	soldered
Contacts	1 CO
Design	closed
General information	
DIN-VDE specifications	DIN EN 50178, DIN VDE 0110, pollution degree 2, overvoltage category III
Test voltage coil/ contact	4 kV
Operating temperature	-20 to +50°C
Insulation stripping length	7 mm
Connection cross-section	0.2-2.5 mm²/AWG 22-14

Relay data				
Input data				**RML-L**
Input voltage ±10%	24 V DC	24 V AC/DC	48 V DC	24 V DC
Power consumption ±10%	0.5 W	0,5 W/1.0 VA	0.5 W	0.5 W
Status indication per relay (LED)	red	red	red	red
Output data				
Contacts	1 CO contact	1 CO contact	1 CO contact	1 CO contact
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC
Max continuous current/inrush current	16 A/25 A	16 A/25 A	16 A/25 A	16 A/80 A (20 ms)
Max. power rating (ohmic load)	4000 VA at 250 V AC, 16 A	4000 VA at 250 V AC, 16 A	4000 VA at 250 V AC, 16 A	4000 VA at 250 V AC, 16 A
Typical response time/release time	9 ms/7 ms	15 ms/8 ms	9 ms/7 ms	9 ms/7 ms
Contact material	AgNi 90/10	AgNi 90/10	AgNi 90/10	AgSnO 2
Electrical life span at max. contact load	> 2 x 10^5	> 2 x 10^5	> 2 x 10^5	> 2 x 10^5
Mechanical life span	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7

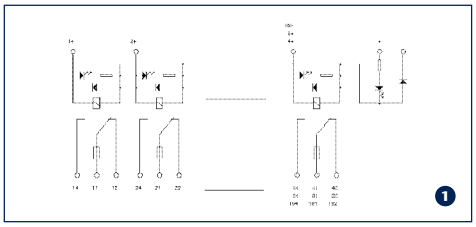
Relay modules 1 CO RIM F

- Mount on TS 32/TS 35
- Screw connection
- Input side: suppression and reverse-polarity protection diode
- LED for indicating the switching status
- Relays available as solder-in or pluggable
- Relay modules with 1 CO and fuse in contact
- Other input and output voltages available on request

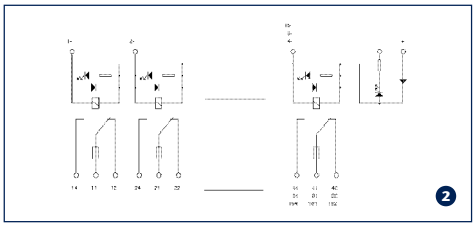
RIM F/1 W wtc
Pluggable relay
1 CO contact

RIM F/1 W
Soldered relay
1 CO contact

Circuit diagram



Circuit diagram



Modules	Cat. no./Qty. p.pck. Pluggable relay	Type	Cat. no./Qty. p.pck. Soldered relay	Type	Circuit dia-gram	Size with TS (mm) LxBxH (TS35)	Weight
2 relays	**6199.2**/1	RIM 2 F/1 W/24 V +	**6201.2**/1	RIMD 2 F/1 W/24 V +	1	87 x 43 x 74/63	110 g/100 g
per 1 CO	**6200.2**/1	RIM 2 F/1 W/24 V -	**6202.2**/1	RIMD 2 F/1 W/24 V -	2	87 x 43 x 74/63	110 g/100 g
4 relays	**6203.2**/1	RIM 4 F/1 W/24 V +	**6205.2**/1	RIMD 4 F/1 W/24 V +	1	87 x 78 x 74/63	200 g/180 g
per 1 CO	**6204.2**/1	RIM 4 F/1 W/24 V -	**6206.2**/1	RIMD 4 F/1 W/24 V -	2	87 x 78 x 74/63	200 g/180 g
8 relays	**6207.2**/1	RIM 8 F/1 W/24 V +	**6209.2**/1	RIMD 8 F/1 W/24 V +	1	87 x 150 x 74/63	380 g/340 g
per 1 CO	**6208.2**/1	RIM 8 F/1 W/24 V -	**6210.2**/1	RIMD 8 F/1 W/24 V -	2	87 x 150 x 74/63	380 g/340 g
16 relays	**6211.2**/1	RIM 16 F/1 W/24 V +	**6213.2**/1	RIMD 16 F/1 W/24 V +	1	87 x 294 x 74/63	730 g/650 g
per 1 CO	**6212.2**/1	RIM 16 F/1 W/24 V -	**6214.2**/1	RIMD 16 F/1 W/24 V -	2	87 x 294 x 74/63	730 g/650 g

Relay	**Pluggable**	**Soldered**
Contacts	**1 CO contact**	**1 CO contact**
Design	**Closed**	**Closed**
General information		
DIN-VDE specifications	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III	
Test voltage coil/contact	4 kV	4 kV
Pinning	5 mm	5 mm
Operating temperature	-20 to +50°C	-20 to +50°C
Insulation stripping length	7 mm	7 mm
Connection cross-section	0.2-2.5 mm^2/AWG 22-14	0.2-2.5 mm^2/AWG 22-14

Relay data				
Input data				
Input voltage ±10%	24 V DC			
Power consumption ±10%	0.6 W			
Operating voltage indicator (LED)	green			
Status indication per relay (LED)	red			
Output data				
Contacts	1 CO contact			
Max. switching voltage	250 V AC/DC			
Max continuous current/inrush current	6 A/8 A			
Fuse	6.3 A slow			
Max. power rating (ohmic load)	2000 VA at 250 V AC, 192 W at 24 V DC			
Typical response time/release time	9 ms/7 ms			
Contact material	AgCdO			
Electrical life span at max. contact load	> 1.5 x 10^5			
Mechanical life span	> 1 x 10^7			

Relay modules 1 CO RIM

- Mount on TS 32/TS 35
- Screw connection
- Relay modules with 1 CO contacts
- Input side: suppression and reverse-polarity protection diode
- LED for indicating the switching status
- Relays available as solder-in or pluggable
- Other voltages available on request
- Gold-plated relay contact on request

RIM/1 W
Pluggable relay
1 CO contact

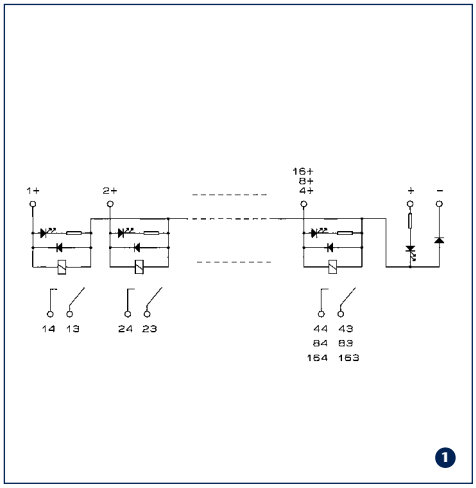
RIMD/1 W
Soldered relay
1 CO contact

Relay	**Pluggable**	**Soldered**
Contacts	**1 CO contact**	**1 CO contact**
Design	**Closed**	**Closed**
General information		
DIN-VDE specifications	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III	
Test voltage coil/contact	4 kV	4 kV
Operating temperature	-20 to +50°C	-20 to +50°C
Insulation stripping length	7 mm	7 mm
Conductor cross-section	0.2-2.5 mm^2/AWG 22-14	0.2-2.5 mm^2/AWG 22-14

Relay data							
Input data							
Input voltage ±10%	12 V DC	24 V DC	48 V DC	115 V DC	24 V AC	115 VAC	230 VAC
Power consumption ±10%	0.6 W	0.6 W	0.6 W	0.6 W	1.0 VA	1.0 VA	1.0 VA
Operating voltage indicator (LED)	green	green	green	green	-	-	-
Status indication per relay (LED)	red	red	red	red	red	red	red
Output data							
Contacts	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact	1 CO contact
Max. switching voltage	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC	250 V AC
Max continuous current/inrush current	6 A/10 A	6 A/10 A	6 A/10 A	6 A /10 A	6 A/10 A	6 A/10 A	6 A/10 A
Max. power rating (ohmic load)	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8A
Contact material	AgNi	AgNi	AgNi	AgNi	AgNi	AgNi	AgNi
Electrical life span at max. contact load	> 1.5 x 10^5	> 1.5 x 10^5	> 1.5 x 10^5	> 1.5 x 10^5	> 1.5 x 10^5	> 1.5 x 10^5	> 1.5 x 10^5
Mechanical life span	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7

Relay modules 1 CO RIM

Circuit diagram



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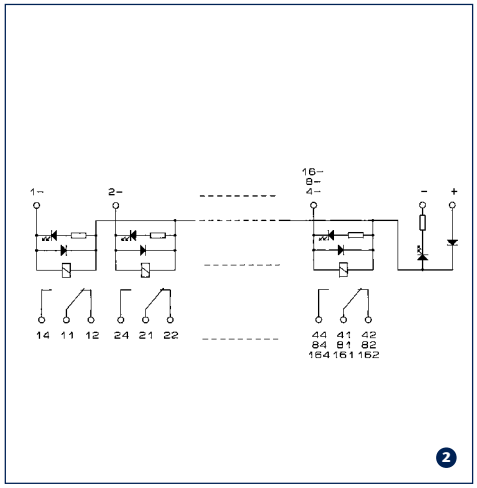

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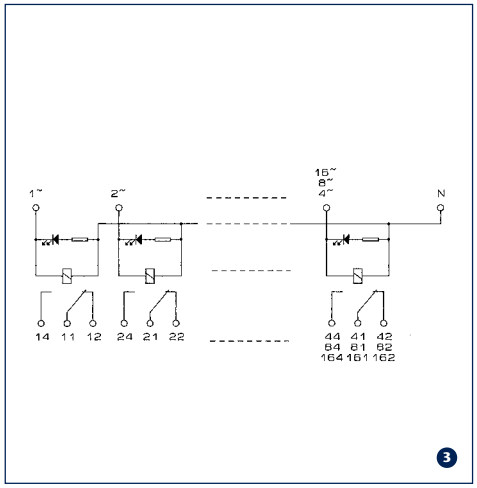


3

Modules	Cat. no./Qty. p.pck. Pluggable relay	Type	Cat. no./Qty. p.pck. Soldered relay	Type	Circuit dia-gram	Size (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 1 CO contact							
	6021.2/1	RIM 2/1 W/24 V +	**6030.2**/1	RIMD 2/1 W/24 V +	1	87 x 41 x 66/57	100 g/90 g
	6022.2/1	RIM 2/1 W/24 V -	**6031.2**/1	RIMD 2/1 W/24 V -	2	87 x 41 x 66/57	100 g/90 g
	6023.2/1	RIM 2/1 W/24 ACG	**6032.2**/1	RIMD 2/1 W/24 ACG	3	87 x 41 x 66/57	100 g/90 g
	6024.2/1	RIM 2/1 W/48 V +	**6033.2**/1	RIMD 2/1 W/48 V +	1	87 x 41 x 66/57	100 g/90 g
	6025.2/1	RIM 2/1 W/48 V -	**6034.2**/1	RIMD 2/1 W/48 V -	2	87 x 41 x 66/57	100 g/90 g
	6026.2/1	RIM 2/1 W/115 V +	**6035.2**/1	RIMD 2/1 W/115 V +	1	87 x 41 x 66/57	100 g/90 g
	6027.2/1	RIM 2/1 W/115 V -	**6036.2**/1	RIMD 2/1 W/115 V -	2	87 x 41 x 66/57	100 g/90 g
	6028.2/1	RIM 2/1 W/115 ACG	**6037.2**/1	RIMD 2/1 W/115 ACG	3	87 x 41 x 66/57	100 g/90 g
	6029.2/1	RIM 2/1 W/230 ACG	**6038.2**/1	RIMD 2/1 W/230 ACG	3	87 x 41 x 66/57	100 g/90 g
Modules with 4 relays each with 1 CO contact							
	6039.2/1	RIM 4/1 W/24 V +	**6048.2**/1	RIMD 4/1 W/24 V +	1	87 x 77 x 66/57	180 g/160 g
	6040.2/1	RIM 4/1 W/24 V -	**6049.2**/1	RIMD 4/1 W/24 V -	2	87 x 77 x 66/57	180 g/160 g
	6041.2/1	RIM 4/1 W/24 ACG	**6050.2**/1	RIMD 4/1 W/24 ACG	3	87 x 77 x 66/57	180 g/160 g
	6042.2/1	RIM 4/1 W/48 V +	**6051.2**/1	RIMD 4/1 W/48 V +	1	87 x 77 x 66/57	180 g/160 g
	6043.2/1	RIM 4/1 W/48 V -	**6052.2**/1	RIMD 4/1 W/48 V -	2	87 x 77 x 66/57	180 g/160 g
	6044.2/1	RIM 4/1 W/115 V +	**6053.2**/1	RIMD 4/1 W/115 V +	1	87 x 77 x 66/57	180 g/160 g
	6045.2/1	RIM 4/1 W/115 V -	**6054.2**/1	RIMD 4/1 W/115 V -	2	87 x 77 x 66/57	180 g/160 g
	6046.2/1	RIM 4/1 W/115 ACG	**6055.2**/1	RIMD 4/1 W/115 ACG	3	87 x 77 x 66/57	180 g/160 g
	6047.2/1	RIM 4/1 W/230 ACG	**6056.2**/1	RIMD 4/1 W/230 ACG	3	87 x 77 x 66/57	180 g/160 g
Modules with 8 relays each with 1 CO contact							
	6057.2/1	RIM 8/1 W/24 V +	**6066.2**/1	RIMD 8/1 W/24 V +	1	87 x 148 x 66/57	340 g/300 g
	6058.2/1	RIM 8/1 W/24 V -	**6067.2**/1	RIMD 8/1 W/24 V -	2	87 x 148 x 66/57	340 g/300 g
	6059.2/1	RIM 8/1 W/24 ACG	**6068.2**/1	RIMD 8/1 W/24 ACG	3	87 x 148 x 66/57	340 g/300 g
	6060.2/1	RIM 8/1 W/48 V +	**6069.2**/1	RIMD 8/1 W/48 V +	1	87 x 148 x 66/57	340 g/300 g
	6061.2/1	RIM 8/1 W/48 V -	**6070.2**/1	RIMD 8/1 W/48 V -	2	87 x 148 x 66/57	340 g/300 g
	6062.2/1	RIM 8/1 W/115 V +	**6071.2**/1	RIMD 8/1 W/115 V +	1	87 x 148 x 66/57	340 g/300 g
	6063.2/1	RIM 8/1 W/115 V -	**6072.2**/1	RIMD 8/1 W/115 V -	2	87 x 148 x 66/57	340 g/300 g
	6064.2/1	RIM 8/1 W/115 ACG	**6073.2**/1	RIMD 8/1 W/115 ACG	3	87 x 148 x 66/57	340 g/300 g
	6065.2/1	RIM 8/1 W/230 ACG	**6074.2**/1	RIMD 8/1 W/230 ACG	3	87 x 148 x 66/57	340 g/300 g
Modules with 16 relays each with 1 CO contact							
	6075.2/1	RIM 16/1 W/24 V +	**6084.2**/1	RIMD 16/1 W/24 V +	1	87 x 291 x 66/57	660 g/580 g
	6076.2/1	RIM 16/1 W/24 V -	**6085.2**/1	RIMD 16/1 W/24 V -	2	87 x 291 x 66/57	660 g/580 g
	6077.2/1	RIM 16/1 W/24 ACG	**6086.2**/1	RIMD 16/1 W/24 ACG	3	87 x 291 x 66/57	660 g/580 g
	6078.2/1	RIM 16/1 W/48 V +	**6087.2**/1	RIMD 16/1 W/48 V +	1	87 x 291 x 66/57	660 g/580 g
	6079.2/1	RIM 16/1 W/48 V -	**6088.2**/1	RIMD 16/1 W/48 V -	2	87 x 291 x 66/57	660 g/580 g
	6080.2/1	RIM 16/1 W/115 V +	**6089.2**/1	RIMD 16/1 W/115 V +	1	87 x 291 x 66/57	660 g/580 g
	6081.2/1	RIM 16/1 W/115 V -	**6090.2**/1	RIMD 16/1 W/115 V -	2	87 x 291 x 66/57	660 g/580 g
	6082.2/1	RIM 16/1 W/115 ACG	**6091.2**/1	RIMD 16/1 W/115 ACG	3	87 x 291 x 66/57	660 g/580 g
	6083.2/1	RIM 16/1 W/230 ACG	**6092.2**/1	RIMD 16/1 W/230 ACG	3	87 x 291 x 66/57	660 g/580 g

Relay modules 1 CO contact RIM S

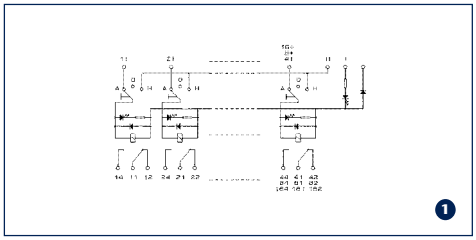
- Mount on TS 32/TS 35
- Screw connection
- Relay modules with 1 CO contacts
- Switch for HAND/OFF/AUTOMATIC operation
- LED for indicating the switching status
- Relays available as solder-in or pluggable
- With or without feedback loop
- Gold-plated relay contact on request

	RIM S/1 W **Pluggable relay** **1 CO contact**	**RIMD S/1 W** **Soldered relay** **1 CO contact**
		
Relay	**Pluggable**	**Soldered**
Contacts	**1 CO contact**	**1 CO contact**
Design	**Closed**	**Closed**
General information		
DIN-VDE specifications	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III
Test voltage coil/contact	4 kV	4 kV
Pinning		
Operating temperature	-20 to +50°C	-20 to +50°C
Important Notes		
Insulation stripping length	7 mm	7 mm
Conductor cross-section	0.2-2.5 mm^2/AWG 22-14	0.2-2.5 mm^2/AWG 22-14

Relay data				
Input data				
Input voltage ±10%	24 V DC	24 V AC	230 V AC	
Power consumption ±10%	0.6 W	1.0 VA	1.0 VA	
Operating voltage indicator (LED)	green	-	-	
Status indication per relay (LED)	red	red	red	
Output data				
Contacts	1 CO contact	1 CO contact	1 CO contact	
Max. switching voltage	250 V AC	250 V AC	250 V AC	
Max continuous current/inrush current	6 A/10 A	6 A/10 A	6 A/10 A	
Max. power rating (ohmic load)	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	2000 VA at 250 V AC, 8 A/ 192 W at 24 V DC, 8 A	
Typical response time/release time	9 ms/7 ms	15 ms/10 ms	15 ms/10 ms	
Contact material	AgNi	AgNi	AgNi	
Electrical life span at max. contact load	> 1.5 x 10^5	> 1.5 x 10^5	> 1.5 x 10^5	
Mechanical life span	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	

Relay modules 1 CO contact RIM S

Circuit diagram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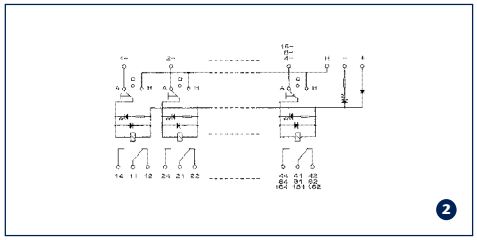
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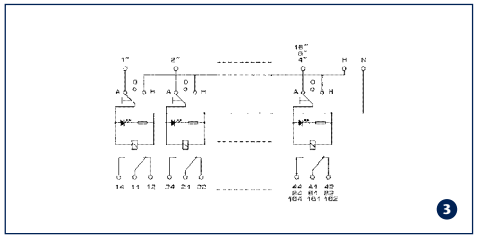
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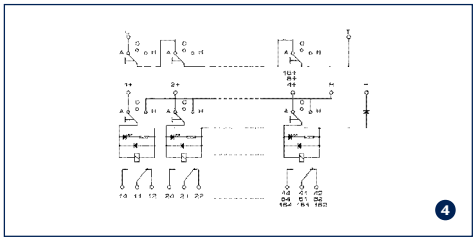
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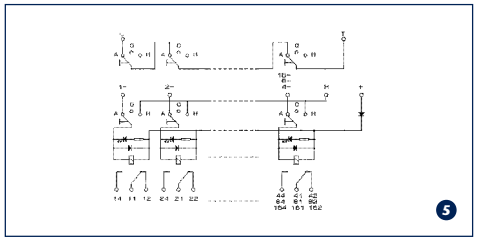
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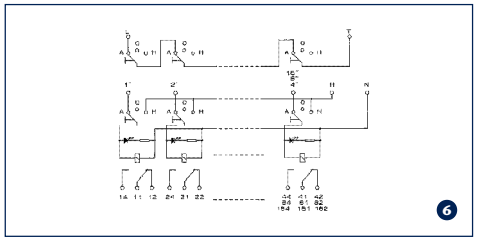

6

Modules	Cat. no./Qty. p.pck. Pluggable relay	Type	Cat. no./Qty. p.pck. Soldered relay	Type	Circuit dia-gram	Size (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 1 CO contact							
	5900.3/1	RIM 2 S/1 W/24 V +	**5902.3**/1	RIMD 2 S/1 W/24 V +	1	87 x 44 x 74	115 g/105 g
	5901.3/1	RIM 2 S/1 W/24 V -	**5903.3**/1	RIMD 2 S/1 W/24 V -	2	87 x 44 x 74	115 g/105 g
	6588.2/1	RIM 2 S/1 W/24 ACG	**6589.2**/1	RIMD 2 S/1 W/24 ACG	3	87 x 44 x 74	115 g/105 g
	6590.2/1	RIM 2 S/1 W/230 ACG	**6591.2**/1	RIMD 2 S/1 W/230 ACG	3	87 x 44 x 74	115 g/105 g
	6606.2/1	RIM 2-2 S/1 W/24 +	**6607.2**/1	RIMD 2-2 S/1 W/24 +	4	87 x 44 x 74	115 g/105 g
	6608.2/1	RIM 2-2 S/1 W/24 -	**6609.2**/1	RIMD 2-2 S/1 W/24 -	5	87 x 44 x 74	115 g/105 g
	6610.2/1	RIM 2-2 S/1 W/24 ACG	**6611.2**/1	RIMD 2-2 S/1 W/24 ACG	6	87 x 44 x 74	115 g/105 g
	6612.2/1	RIM 2-2 S/1 W/230 ACG	**6613.2**/1	RIMD 2-2 S/1 W/230 ACG	6	87 x 44 x 74	115 g/105 g
Modules with 4 relays each with 1 CO contact							
	5904.3/1	RIM 4 S/1 W/24 V +	**5906.3**/1	RIMD 4 S/1 W/24 V +	1	87 x 78 x 74	195 g/175 g
	5905.3/1	RIM 4 S/1 W/24 V -	**5907.3**/1	RIMD 4 S/1 W/24 V -	2	87 x 78 x 74	195 g/175 g
	6592.2/1	RIM 4 S/1 W/24 ACG	**6593.2**/1	RIMD 4 S/1 W/24 ACG	3	87 x 78 x 74	195 g/175 g
	6594.2/1	RIM 4 S/1 W/230 ACG	**6595.2**/1	RIMD 4 S/1 W/230 ACG	3	87 x 78 x 74	195 g/175 g
	6614.2/1	RIM 4-2 S/1 W/24 +	**6615.2**/1	RIMD 4-2 S/1 W/24 +	4	87 x 78 x 74	195 g/175 g
	6616.2/1	RIM 4-2 S/1 W/24 -	**6617.2**/1	RIMD 4-2 S/1 W/24 -	5	87 x 78 x 74	195 g/175 g
	6618.2/1	RIM 4-2 S/1 W/24 ACG	**6619.2**/1	RIMD 4-2 S/1 W/24 ACG	6	87 x 78 x 74	195 g/175 g
	6620.2/1	RIM 4-2 S/1 W/230 ACG	**6621.2**/1	RIMD 4-2 S/1 W/230 ACG	6	87 x 78 x 74	195 g/175 g
Modules with 8 relays each with 1 CO contact							
	5908.3/1	RIM 8 S/1 W/24 V +	**5910.3**/1	RIMD 8 S/1 W/24 V +	1	87 x 150 x 74	365 g/325 g
	5909.3/1	RIM 8 S/1 W/24 V -	**5911.3**/1	RIMD 8 S/1 W/24 V -	2	87 x 150 x 74	365 g/325 g
	6596.2/1	RIM 8 S/1 W/24 ACG	**6597.2**/1	RIMD 8 S/1 W/24 ACG	3	87 x 150 x 74	365 g/325 g
	6598.2/1	RIM 8 S/1 W/230 ACG	**6599.2**/1	RIMD 8 S/1 W/230 ACG	3	87 x 150 x 74	365 g/325 g
	6622.2/1	RIM 8-2 S/1 W/24 +	**6623.2**/1	RIMD 8-2 S/1 W/24 +	4	87 x 150 x 74	365 g/325 g
	6624.2/1	RIM 8-2 S/1 W/24 -	**6625.2**/1	RIMD 8-2 S/1 W/24 -	5	87 x 150 x 74	365 g/325 g
	6626.2/1	RIM 8-2 S/1 W/24 ACG	**6627.2**/1	RIMD 8-2 S/1 W/24 ACG	6	87 x 150 x 74	365 g/325 g
	6628.2/1	RIM 8-2 S/1 W/230 ACG	**6629.2**/1	RIMD 8-2 S/1 W/230 ACG	6	87 x 150 x 74	365 g/325 g
Modules with 16 relays each with 1 CO contact							
	6600.2/1	RIM 16 S/1 W/24 V +	**6601.2**/1	RIMD 16 S/1 W/24 V +	1	87 x 292 x 74	715 g/635 g
	6602.2/1	RIM 16 S/1 W/24 V -	**6603.2**/1	RIMD 16 S/1 W/24 V -	2	87 x 292 x 74	715 g/635 g
	6604.2/1	RIM 16 S/1 W/24 ACG	**6605.2**/1	RIMD 16 S/1 W/24 ACG	3	87 x 292 x 74	715 g/635 g
	6630.2/1	RIM 16 S/1 W/230 ACG	**6631.2**/1	RIMD 16 S/1 W/230 ACG	3	87 x 292 x 74	715 g/635 g
	6632.2/1	RIM 16-2 S/1 W/24 +	**6633.2**/1	RIMD 16-2 S/1 W/24 +	4	87 x 292 x 74	715 g/635 g
	6634.2/1	RIM 16-2 S/1 W/24 -	**6635.2**/1	RIMD 16-2 S/1 W/24 -	5	87 x 292 x 74	715 g/635 g
	6636.2/1	RIM 16-2 S/1 W/24 ACG	**6637.2**/1	RIMD 16-2 S/1 W/24 ACG	6	87 x 292 x 74	715 g/635 g
	6638.2/1	RIM 16-2 S/1 W/230 ACG	**6639.2**/1	RIMD 16-2 S/1 W/230 ACG	6	87 x 292 x 74	715 g/635 g

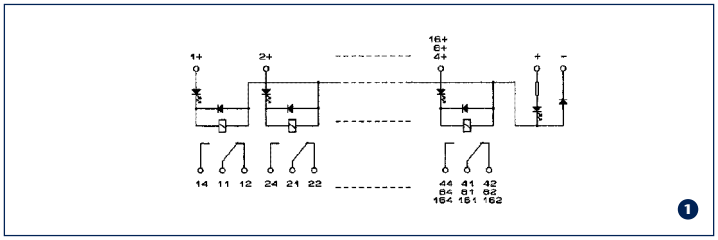
Relay modules 1 CO contact RIM-16 A

- Mount on TS 32/TS 35
- Screw connection
- Relay modules with 1 CO contacts
- Switch for HAND/OFF/AUTOMATIC operation
- LED for indicating the switching status
- Relays available as solder-in or pluggable
- Other voltages available upon request
- 16 A power relay, with 1 CO contact
- Power relay 80 A (20 ms) inrush current, available on request

	RIM 16 A/1 W **Pluggable relay** **1 CO contact**	**RIMS 16 A/1 W** **HAND/OFF/AUTOMATIC** **1 CO contact**
		
Relay	**Pluggable**	**Soldered**
Contacts	**1 CO contact**	**1 CO contact**
Design	**Closed**	**Closed**
General information		
DIN-VDE specifications	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III
Test voltage coil/contact	4 kV	4 kV
Operating temperature	-20 to +50°C	-20 to +50°C
Insulation stripping length	7 mm	7 mm
Conductor cross-section	0.2-2.5 mm^2/AWG 22-14	0.2-2.5 mm^2/AWG 22-14
Relay data		
Input data		
Input voltage ±10%	24 V DC	24 V DC
Power consumption ±10%	0.6 W	0.6 W
Operating voltage indicator (LED)	green	green
Status indication per relay (LED)	red	red
Output data		
Contacts	1 CO contact	1 CO contact
Max. switching voltage	250 V AC/DC	250 V AC/DC
Max continuous current/inrush current	16 A/16 A	16 A/16 A
Max. power rating (ohmic load)	4000 VA at 250 V AC/ 384 W at 24 V DC	4000 VA at 250 V AC/ 384 W at 24 V DC
Typical response time/release time	9 ms/7 ms	9 ms/7 ms
Contact material	AgNi	AgNi
Electrical life span at max. contact load	> 8 x 10^4	> 8 x 10^4
Mechanical life span	> 3 x 10^7	> 3 x 10^7

Relay modules 1 CO contact RIM-16 A

Circuit diagram



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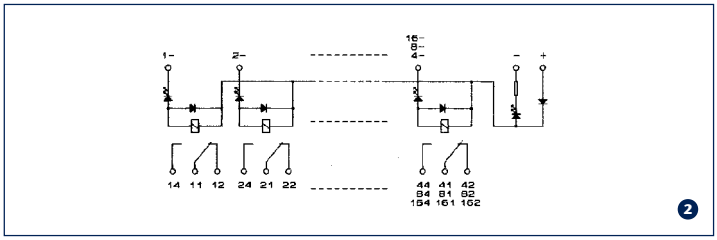

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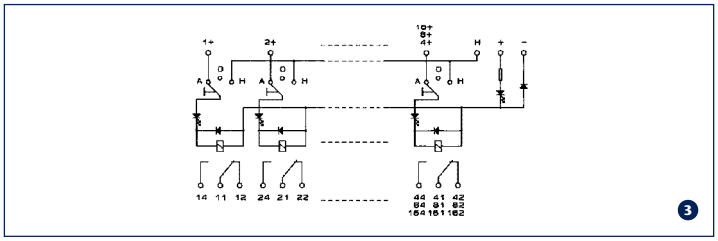

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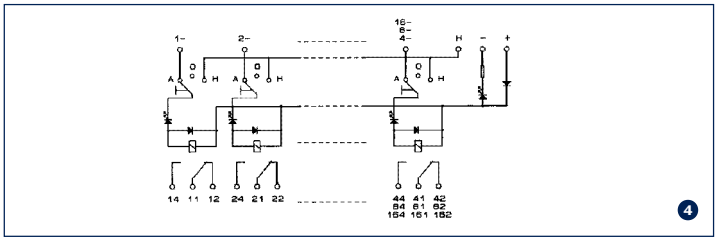


4

Modules	Cat. no./Qty. p.pck. Pluggable relay	Type	Cat. no./Qty. p.pck. Soldered relay	Type	Circuit diagram	Size (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 1 CO contact							
	6016.2/1	RIM 2-16 A/1 W/24 V +	**6648.2**/1	RIMD 2-16 A/1 W/24 V +	1	87 x 42 x 74	100 g/90 g
	6640.2/1	RIM 2-16 A/1 W/24 V -	**6649.2**/1	RIMD 2-16 A/1 W/24 V -	2	87 x 42 x 74	100 g/90 g
	6017.2/1	RIM 2 S-16 A/1 W/24 V +	**6650.2**/1	RIMD 2 S-16 A/1 W/24 V +	3	87 x 42 x 74	110 g/100 g
	6641.2/1	RIM 2 S-16 A/1 W/24 V -	**6651.2**/1	RIMD 2 S-16 A/1 W/24 V -	4	87 x 42 x 74	110 g/100 g
Modules with 4 relays each with 1 CO contact							
	6018.2/1	RIM 4-16 A/1 W/24 V +	**6652.2**/1	RIMD 4-16 A/1 W/24 V +	1	87 x 77 x 74	180 g/160 g
	6642.2/1	RIM 4-16 A/1 W/24 V -	**6653.2**/1	RIMD 4-16 A/1 W/24 V -	2	87 x 77 x 74	180 g/160 g
	6019.2/1	RIM 4 S-16 A/1 W/24 V +	**6654.2**/1	RIMD 4 S-16 A/1 W/24 V +	3	87 x 77 x 74	200 g/180 g
	6643.2/1	RIM 4 S-16 A/1 W/24 V -	**6655.2**/1	RIMD 4 S-16 A/1 W/24 V -	4	87 x 77 x 74	200 g/180 g
Modules with 8 relays each with 1 CO contact							
	6012.2/1	RIM 8-16 A/1 W/24 V +	**6656.2**/1	RIMD 8-16 A/1 W/24 V +	1	87 x 148 x 74	340 g/300 g
	6644.2/1	RIM 8-16 A/1 W/24 V -	**6657.2**/1	RIMD 8-16 A/1 W/24 V -	2	87 x 148 x 74	340 g/300 g
	6013.2/1	RIM 8 S-16 A/1 W/24 V +	**6658.2**/1	RIMD 8 S-16 A/1 W/24 V +	3	87 x 148 x 74	380 g/340 g
	6645.2/1	RIM 8 S-16 A/1 W/24 V -	**6659.2**/1	RIMD 8 S-16 A/1 W/24 V -	4	87 x 148 x 74	380 g/340 g
Modules with 16 relays each with 1 CO contact							
	6014.2/1	RIM 16-16 A/1 W/24 V +	**6660.2**/1	RIMD 16-16 A/1 W/24 V +	1	87 x 290 x 74	660 g/580 g
	6646.2/1	RIM 16-16 A/1 W/24 V -	**6661.2**/1	RIMD 16-16 A/1 W/24 V -	2	87 x 290 x 74	660 g/580 g
	6015.2/1	RIM 16 S-16 A/1 W/24 V +	**6662.2**/1	RIMD 16 S-16 A/1 W/24 V +	3	87 x 290 x 74	740 g/660 g
	6647.2/1	RIM 16 S-16 A/1 W/24 V -	**6663.2**/1	RIMD 16 S-16 A/1 W/24 V -	4	87 x 290 x 74	740 g/660 g

Relay modules 2 CO contact RIM

- Mount on TS 32/TS 35
- Screw connection
- Relay modules with 2 CO contacts
- Input side: suppression and reverse-polarity protection diode
- LED for indicating the switching status
- Relays available as solder-in or pluggable
- Other voltages available on request

RIM/2 W
Pluggable relay
2 CO contact

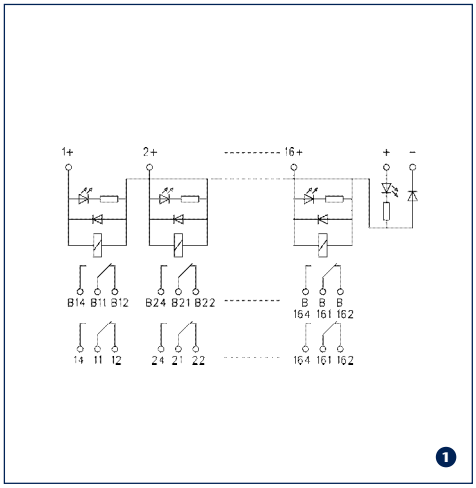
RIMD/2 W
Soldered relay
2 CO contact

Relay	**Pluggable**	**Soldered**
Contacts	**2 CO contact**	**2 CO contact**
Design	**Closed**	**Closed**
General information		
DIN-VDE specifications	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III	DIN EN 50178; DIN VDE 0110, pollution degree 2, overvoltage category III
Test voltage coil/contact	4 kV	4 kV
Pinning	5 mm	5 mm
Operating temperature	-20 to +50°C	-20 to +50°C
Insulation stripping length	7 mm	7 mm
Conductor cross-section	0.2-2.5 mm^2/AWG 22-14	0.2-2.5 mm^2/AWG 22-14

Relay data						
Input data						
Input voltage ±10%	24 V DC	48 V DC	115 V DC	24 V AC	115 V AC	230 V AC
Power consumption ±10%	0.5 W	0.5 W	0.5 W	1.0 VA	1.0 VA	1.0 VA
Operating voltage indicator (LED)	green	green	green	-	-	-
Status indication per relay (LED)	red	red	red	red	red	red
Output data						
Contacts	2 CO contact	2 CO contact	2 CO contact	2 CO contact	2 CO contact	2 CO contact
Max. switching voltage	250 V AC/DC	250 V AC/DC	250 V AC/DC	250 V AC/DC	250 V AC/DC	250 V AC/DC
Max continuous current/inrush current	4 A/8 A	4 A/8 A	4 A/8 A	4 A/8 A	4 A/8 A	4 A/8 A
Max. power rating (ohmic load)	1,250 VA/144 W	1,250 VA/144 W	1,250 VA/144 W	1,250 VA/144 W	1,250 VA/144 W	1,250 VA/144 W
Typical response time/release time	9 ms/7 ms	9 ms/7 ms	9 ms/7 ms	15 ms/10 ms	15 ms/10 ms	15 ms/10 ms
Contact material	AgNi	AgNi	AgNi	AgNi	AgNi	AgNi
Mechanical life span	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7	> 1 x 10^7
Electrical life span 24 V DC/1 A resistive load	> 5 x 10^5	> 5 x 10^5	> 5 x 10^5	> 5 x 10^5	> 5 x 10^5	> 5 x 10^5
Electrical life span 230V DC/2 A resistive load	> 2 x 10^5	> 2 x 10^5	> 2 x 10^5	> 2 x 10^5	> 2 x 10^5	> 2 x 10^5

Relay modules 2 CO contact RIM

Circuit diagram



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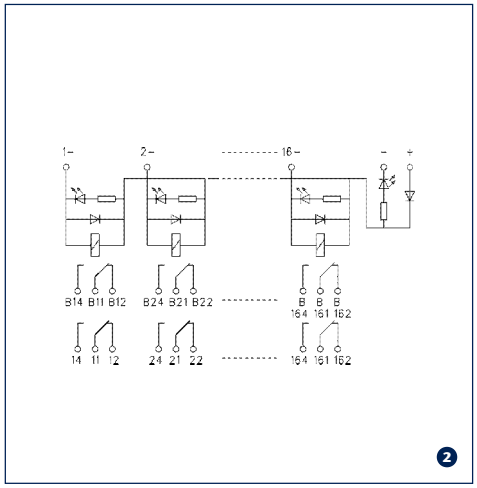

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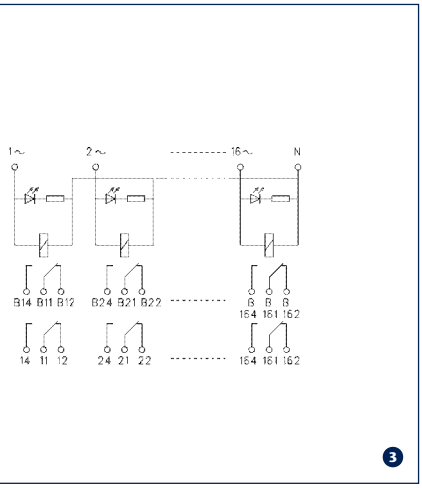

3

Modules	Cat. no./Qty. p.pck. Pluggable relay	Type	Cat. no./Qty. p.pck. Soldered relay	Type	Circuit dia-gram	Size (L x W x H) with TS 35 x 7.5	Weight
Modules with 2 relays each with 2 CO contact							
	5566.2/1	RIM 2/2 W/24 V +	**5567.2**/1	RIMD 2/2 W/24 V +	1	87 x 44 x 72	120 g/110 g
	5568.2/1	RIM 2/2 W/24 V -	**5569.2**/1	RIMD 2/2 W/24 V -	2	87 x 44 x 72	120 g/110 g
	5658.2/1	RIM 2/2 W/24 ACG	**5659.2**/1	RIMD 2/2 W/24 ACG	3	87 x 44 x 72	120 g/110 g
	5570.2/1	RIM 2/2 W/48 V +	**5571.2**/1	RIMD 2/2 W/48 V +	1	87 x 44 x 72	120 g/110 g
	5572.2/1	RIM 2/2 W/48 V -	**5573.2**/1	RIMD 2/2 W/48 V -	2	87 x 44 x 72	120 g/110 g
	5662.2/1	RIM 2/2 W/115 V +	**5663.2**/1	RIMD 2/2 W/115 V +	1	87 x 44 x 72	120 g/110 g
	5664.2/1	RIM 2/2 W/115 V -	**5665.2**/1	RIMD 2/2 W/115 V -	2	87 x 44 x 72	120 g/110 g
	5578.2/1	RIM 2/2 W/115 ACG	**5579.2**/1	RIMD 2/2 W/115 ACG	3	87 x 44 x 72	120 g/110 g
	5580.2/1	RIM 2/2 W/230 ACG	**5581.2**/1	RIMD 2/2 W/230 ACG	3	87 x 44 x 72	120 g/110 g
Modules with 4 relays each with 2 CO contact							
	5582.2/1	RIM 4/2 W/24 V +	**5583.2**/1	RIMD 4/2 W/24 V +	1	87 x 80 x 72	202 g/182 g
	5584.2/1	RIM 4/2 W/24 V -	**5585.2**/1	RIMD 4/2 W/24 V -	2	87 x 80 x 72	202 g/182 g
	5668.2/1	RIM 4/2 W/24 ACG	**5669.2**/1	RIMD 4/2 W/24 ACG	3	87 x 80 x 72	202 g/182 g
	5586.2/1	RIM 4/2 W/48 V +	**5587.2**/1	RIMD 4/2 W/48 V +	1	87 x 80 x 72	202 g/182 g
	5588.2/1	RIM 4/2 W/48 V -	**5589.2**/1	RIMD 4/2 W/48 V -	2	87 x 80 x 72	202 g/182 g
	5672.2/1	RIM 4/2 W/115 V +	**5673.2**/1	RIMD 4/2 W/115 V +	1	87 x 80 x 72	202 g/182 g
	5674.2/1	RIM 4/2 W/115 V -	**5675.2**/1	RIMD 4/2 W/115 V -	2	87 x 80 x 72	202 g/182 g
	5594.2/1	RIM 4/2 W/115 ACG	**5595.2**/1	RIMD 4/2 W/115 ACG	3	87 x 80 x 72	202 g/182 g
	5596.2/1	RIM 4/2 W/230 ACG	**5597.2**/1	RIMD 4/2 W/230 ACG	3	87 x 80 x 72	202 g/182 g
Modules with 8 relays each with 2 CO contact							
	6155.2/1	RIM 8/2 W/24 V +	**6156.2**/1	RIMD 8/2 W/24 V +	1	87 x 151 x 72	392 g/352 g
	6157.2/1	RIM 8/2 W/24 V -	**6158.2**/1	RIMD 8/2 W/24 V -	2	87 x 151 x 72	392 g/352 g
	6159.2/1	RIM 8/2 W/24 ACG	**6160.2**/1	RIMD 8/2 W/24 ACG	3	87 x 151 x 72	392 g/352 g
	6161.2/1	RIM 8/2 W/48 V +	**6162.2**/1	RIMD 8/2 W/48 V +	1	87 x 151 x 72	392 g/352 g
	6163.2/1	RIM 8/2 W/48 V -	**6164.2**/1	RIMD 8/2 W/48 V -	2	87 x 151 x 72	392 g/352 g
	6165.2/1	RIM 8/2 W/115 V +	**6166.2**/1	RIMD 8/2 W/115 V +	1	87 x 151 x 72	392 g/352 g
	6167.2/1	RIM 8/2 W/115 V -	**6168.2**/1	RIMD 8/2 W/115 V -	2	87 x 151 x 72	392 g/352 g
	6169.2/1	RIM 8/2 W/115 ACG	**6170.2**/1	RIMD 8/2 W/115 ACG	3	87 x 151 x 72	392 g/352 g
	6171.2/1	RIM 8/2 W/230 ACG	**6172.2**/1	RIMD 8/2 W/230 ACG	3	87 x 151 x 72	392 g/352 g
Modules with 16 relays each with 2 CO contact							
	6173.2/1	RIM 16/2 W/24 V +	**6174.2**/1	RIMD 16/2 W/24 V +	1	87 x 293 x 72	764 g/684 g
	6175.2/1	RIM 16/2 W/24 V -	**6176.2**/1	RIMD 16/2 W/24 V -	2	87 x 293 x 72	764 g/684 g
	6177.2/1	RIM 16/2 W/24 ACG	**6178.2**/1	RIMD 16/2 W/24 ACG	3	87 x 293 x 72	764 g/684 g
	6179.2/1	RIM 16/2 W/48 V +	**6180.2**/1	RIMD 16/2 W/48 V +	1	87 x 293 x 72	764 g/684 g
	6181.2/1	RIM 16/2 W/48 V -	**6182.2**/1	RIMD 16/2 W/48 V -	2	87 x 293 x 72	764 g/684 g
	6183.2/1	RIM 16/2 W/115 V +	**6184.2**/1	RIMD 16/2 W/115 V +	1	87 x 293 x 72	764 g/684 g
	6185.2/1	RIM 16/2 W/115 V -	**6186.2**/1	RIMD 16/2 W/115 V -	2	87 x 293 x 72	764 g/684 g
	6187.2/1	RIM 16/2 W/115 ACG	**6188.2**/1	RIMD 16/2 W/115 ACG	3	87 x 293 x 72	764 g/684 g
	6189.2/1	RIM 16/2 W/230 ACG	**6190.2**/1	RIMD 16/2 W/230 ACG	3	87 x 293 x 72	764 g/684 g