

**DESCRIPTION**

- RPL-SERIES is a small, compact, slim relay module.
- Receive 24 VAC / DC input voltage types NPN and PNP
- SPDT output 250VAC / 30VDC, 6A output relay
- 1 relay module is available to select relays from 2, 4, 6, 8, 12 and 16 relays.
- Positive or Negative Control Voltage
- Convenient for Wiring, cable and maintenance.
- Save space for installation in the cabinet, MDB
- There is an LED showing the operating status of each relay.
- DIN RAIL installation

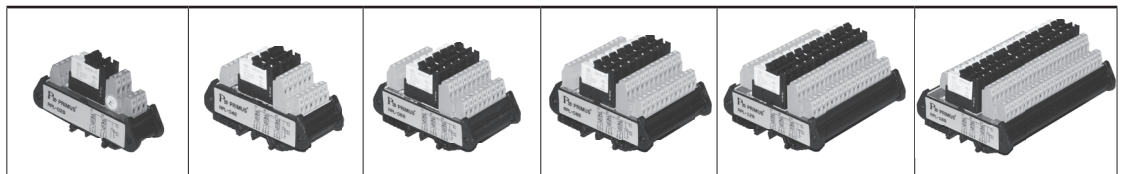
**OPERATION**

RPL-SERIES is a Slim Relay Module that consists of multiple relays. From 2, 4, 6, 8, 12 and 16 relays are in the same set. Slim, compact structure thus saving installation space The installation style is DIN RAIL, suitable for installation in electrical cabinets, MDB.

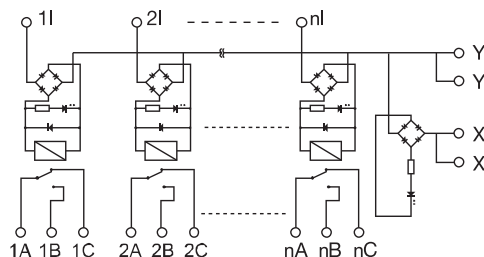
RPL-SERIES can be connected to the output of the PLC or other devices. That is both PNP and NPN to use contact relays to use. There is a LED showing the status of the relay. There is a terminal to wiring 2.5 mm 2 power cable makes it easy to wiring wires and easy maintenance. The system can withstand temperatures of -10 to 50 °C Power supply can be supplied in both 24 VAC/DC. It can be used with transformers without using Switching Power Supply.

**TECHNICAL SPECIFICATION**

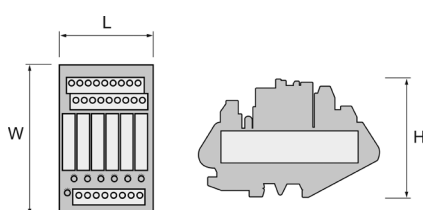

- AC/DC CONTROL VOLTAGE
- POSITIVE OR NEGATIVE CONTROL VOLTAGE



Model	RPL-02S	RPL-04S	RPL-06S	RPL-08S	RPL-12S	RPL-16S
Rate input voltage	24 VAC/DC ±10%	24 VAC/DC ±10%	24 VAC/DC ±10%	24 VAC/DC ±10%	24 VAC/DC ±10%	24 VAC/DC ±10%
Rate input current	7 mA /Unit ±10%	7 mA /Unit ±10%	7 mA /Unit ±10%	7 mA /Unit ±10%	7 mA /Unit ±10%	7 mA /Unit ±10%
Turn on time	15 ms	15 ms	15 ms	15 ms	15 ms	15 ms
Turn off time	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms
Type and number of contact	SPDT x 2 relays	SPDT x 4 relays	SPDT x 6 relays	SPDT x 8 relays	SPDT x 12 relays	SPDT x 16 relays
Rate output voltage	250 VAC / 30 VDC	250 VAC / 30 VDC	250 VAC / 30 VDC	250 VAC / 30 VDC	250 VAC / 30 VDC	250 VAC / 30 VDC
Rate output current	6 A	6 A	6 A	6 A	6 A	6 A
Current breaking power	6 A	6 A	6 A	6 A	6 A	6 A
Max. Wire Dimension	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>
Operating temperature	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C
Coil / contact isolation	6k VAC / 60 s	6k VAC / 60 s	6k VAC / 60 s	6k VAC / 60 s	6k VAC / 60 s	6k VAC / 60 s
Status display	LED	LED	LED	LED	LED	LED
Dimension (WxLxH) mm.	98 x 26 x 65	98 x 41 x 65	98 x 56 x 65	98 x 71 x 65	98 x 103 x 65	98 x 136 x 65

**WIRING DIAGRAM**


Power Supply 24VDC		
X=+	Y=-	Negative Common (PNP)
X=-	Y=+	Positive Common (NPN)

**SIZE AND DIMENSION**


MODEL	W(mm.)	L(mm.)	H(mm.)
RPL-02S	98	26	65
RPL-04S	98	41	65
RPL-06S	98	56	65
RPL-08S	98	71	65
RPL-12S	98	103	65
RPL-16S	98	136	65

**ORDERING CODE**

RPL-	
02S	SPDT x 2 Relays
04S	SPDT x 4 Relays
06S	SPDT x 6 Relays
08S	SPDT x 8 Relays
12S	SPDT x 12 Relays
16S	SPDT x 16 Relays