

DOUBLE POLE RELAY MODULE

Description

- Double Pole Relay Module: RP-XXW is a relay module that consists of multiple relays integrated into a single unit.
- It receives an input voltage of 24 VAC/DC, NPN and PNP type.
- DPDT relay output rated at 250 VAC / 30 VDC, 5 A.
- One relay module is available with relay quantities of 2, 4, 8, 12, and 16 relays.
- It saves installation space in electrical cabinets, MDB panels, and machine control panels.
- The input and output are separated, making wiring and maintenance easier.
- LEDs indicating the operating status of each relay.
- Din Rail Installation.

Operation

RP-XXW is a relay module that consists of multiple relays 2, 4, 8, 12, and 16 relays—in a single unit, helping to save installation space. It is designed for DIN rail mounting and is suitable for installation in electrical cabinets, MDB panels, and machine control panels.

RP-XXW can be connected to PLC outputs or other devices of both PNP and NPN types to utilize the relay contacts, and it has LEDs indicating the operating status of the relays.

There are terminals for wiring 2.5 mm² electrical cables, making wiring and maintenance convenient in case of system abnormalities. It can withstand temperatures from -10 to 50°C. It supports both 24 VAC/DC power supply input, allowing use with a transformer without the need for a switching power supply.

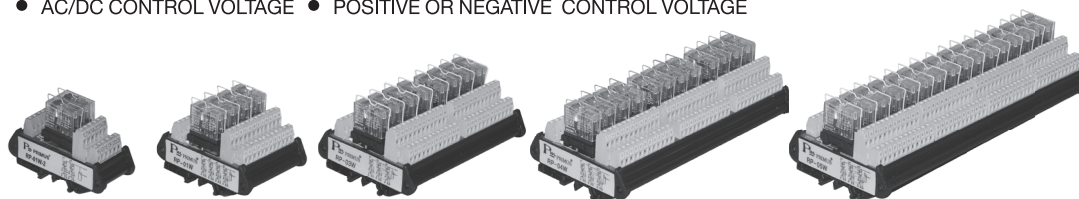
Specification

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



RP-XXW

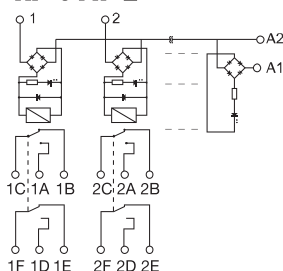
DPDT RELAY MODULE



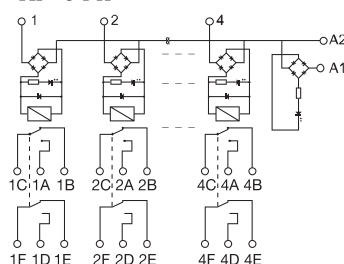
MODEL	RP-01W-2	RP-01W	RP-03W	RP-04W	RP-05W
Rate input voltage	24 VAC/DC ±10%	24VAC/DC ±10%	24VAC/DC ±10%	24VAC/DC ±10%	24 VAC/DC ±10%
Rate input current	25 mA ±10%	25mA ±10%	25mA ±10%	25mA ±10%	25mA ±10%
Turn on time	15ms	15ms	15ms	15ms	15ms
Turn off time	5ms	5ms	5ms	5ms	5ms
Type and number of contact	DPDT x 2 relays	DPDT x 4 relays	DPDT x 8 relays	DPDT x 12 relays	DPDT x 16 relays
Rate output voltage	250VAC	250VAC	250VAC	250VAC	250VAC
Rate output current	5A	5A	5A	5A	5A
Current breaking power	5A	5A	5A	5A	5A
Terminals / Connectors	Terminal blocks 2.5 mm ²	Terminal blocks 2.5 mm ²	Terminal blocks 2.5 mm ²	Terminal blocks 2.5 mm ²	Terminal blocks 2.5 mm ²
Operating temperature	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C
Coil / contact isolation	5k VAC/60s	5k VAC/60s	5k VAC/60s	5k VAC/60s	5k VAC/60s
Status display	LED	LED	LED	LED	LED
Approximate weight	200g	300g	430g	650g	850g
Relay module dimension	98(W)x40(L)x74(H)mm.	98(W)x72(L)x74(H)mm.	98(W)x139(L)x74(H)mm.	98(W)x208(L)x74(H)mm.	98(W)x276(L)x74(H)mm.

Wiring Diagram

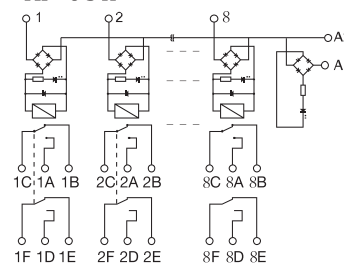
RP-01W-2



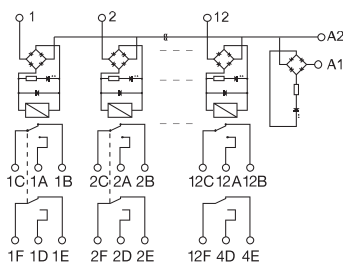
RP-01W



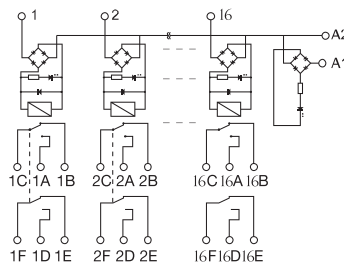
RP-03W



RP-04W

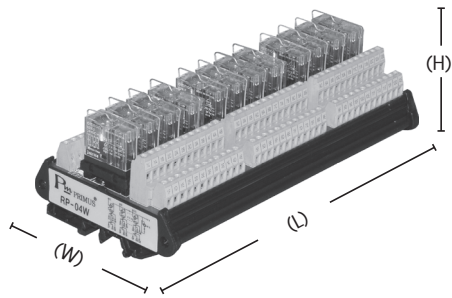


RP-05W



Power Supply 24VDC		
A1=+	A2=-	Negative Common (PNP)
A1=-	A2=+	Positive Common (NPN)

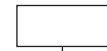
Dimension



MODEL	W(mm.)	L(mm.)	H(mm.)
RP-01W-2	98	40	74
RP-01W	98	72	74
RP-03W	98	139	74
RP-04W	98	208	74
RP-05W	98	276	74

Ordering Code

RP-



01W-2	DPDT x 2 Relays
01W	DPDT x 4 Relays
03W	DPDT x 8 Relays
04W	DPDT x 12 Relays
05W	DPDT x 16 Relays