RP-XXWA

DOUBLE POLE RELAY MODULE

PRIMUS

Description

- Double Pole Relay Module: RP-XXWA is a relay module that consists of multiple relays integrated into a single unit.
- Input voltage of 220 VAC.
- DPDT relay output rated at 250 VAC / 30 VDC, 5 A.
- One relay module is available with relay quantities of 4, 6, 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-XXWA is a relay module that consists of multiple relays 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-XXWA can be connected to PLC outputs or other devices 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.

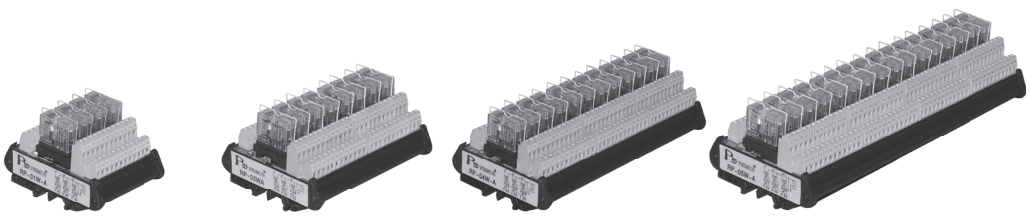
Specification

CE

RP-XXWA

DPDT RELAY MODULE

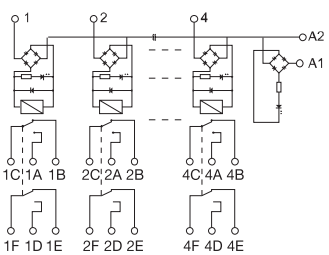
● AC CONTROL VOLTAGE



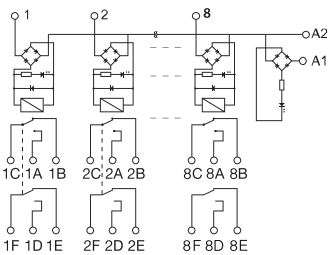
MODEL	RP-01WA	RP-03WA	RP-04WA	RP-05WA
Rate input voltage	220 VAC ±10%	220 VAC ±10%	220 VAC ±10%	220 VAC ±10%
Rate input current	6 mA ±10%	6 mA ±10%	6 mA ±10%	6 mA ±10%
Turn on time	15 ms	15 ms	15 ms	15 ms
Turn off time	10 ms	10 ms	10 ms	10 ms
Type and number of contact	DPDT x 4 relays	DPDT x 8 relays	DPDT x 12 relays	DPDT x 16 relays
Rate output voltage	250 VAC	250 VAC	250 VAC	250 VAC
Rate output current	5 A	5 A	5 A	5 A
Current breaking power	5 A	5 A	5 A	5 A
Terminals / Connectors	Terminal blocks 2.5 mm²	Terminal blocks 2.5 mm²	Terminal blocks 2.5 mm²	Terminal blocks 2.5 mm²
Operating temperature	-10 to 50°C	-10 to 50°C	-10 to 50°C	-10 to 50°C
Coil / contact isolation	5 k VAC / 60 s	5 k VAC / 60 s	5 k VAC / 60 s	5 k VAC / 60 s
Status display	LED	LED	LED	LED
Approximative weight	300 g	430 g	650 g	850 g
Relay module dimension	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

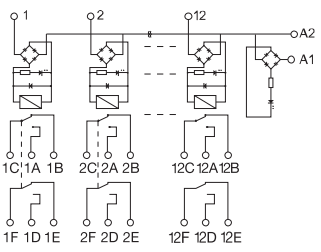
RP-01WA



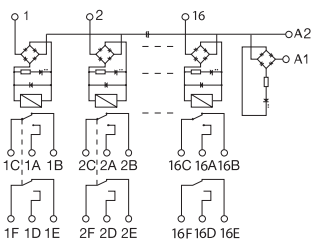
RP-03WA



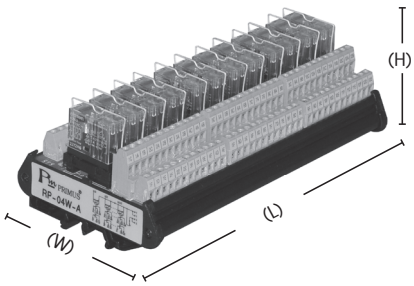
RP-04WA



RP-05WA



Dimension



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

Ordering Code

RP- [ ]

01WA	DPDT x 4 Relays
03WA	DPDT x 8 Relays
04WA	DPDT x 12 Relays
05WA	DPDT x 16 Relays