

Technical Data

Control Circuit:

Coil voltage: At choice, see how to order
Rated power: 0,7 W

Contact Circuit:

Contact material: AgCdO
Switching voltage: 250 VAC
Switching/continuous current: 10/ 6 A
Switching capacity: 2500 VA
Contact life mechanical $>10^7$
Pick-up/ Release time: < 8 ms / < 10 ms

Relay to DIN VDE 0110, pollution degree 3 to 250 V.
Breakdown Voltage contact-contact: 1000 V

Ambient temperature:

-25° up to 40°C / -13° up to 104°F

Terminals are at choice, see how to order.

Dimensions:

Height above the housing edge:
with plugged-in relay: 36 mm / 1.42 in
with soldered relay: 23 mm / 0.91 in
(total height plus 30 mm)
Length with 1 relay: 24 mm / 0.95 in
with 4 relays: 69 mm / 2.72 in
with 8 relays: 137 mm / 5.40 in
with 16 relays: 250 mm / 5.40 in
Width: 76 mm / 9.84 in

Description

The relay module MRPA is equipped with one, four, eight or sixteen relays having a single change-over contact each. The relays can be supplied either soldered-in or as plug-in version

In order to prevent incorrect triggering, a reverse polarity protection diode is installed at the common minus terminal (plus terminal). An LED indicates the control status while one recovery diode per coil protects the circuitry against reverse voltage.

For + switching relay modules, connect a positive control voltage to the – coil via the input terminals.

All relay coils are connected to the – coil via input terminals.

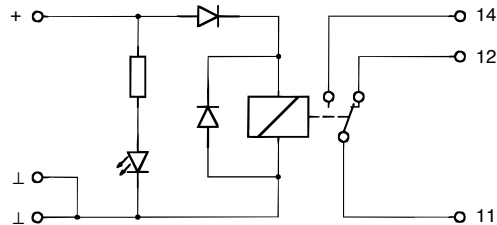
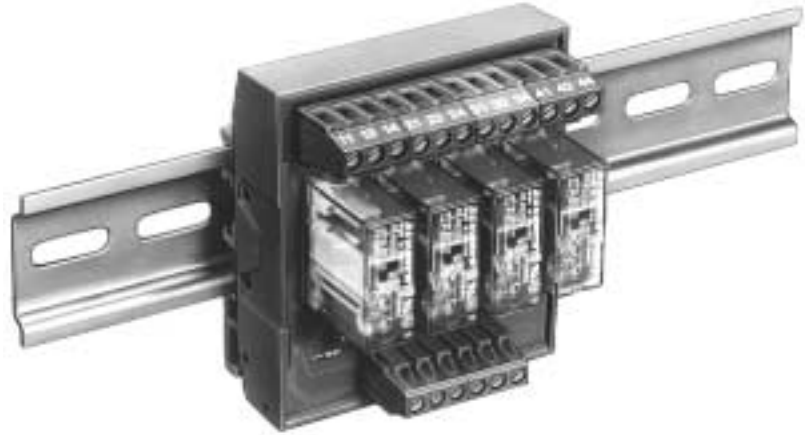
For the – switching versions, the coils have a common positive terminal. The relay is triggered by a negative signal.

To obtain optimum switching characteristics, the relay modules should be mounted with the input side either down or in a horizontal direction.

With AC control, polarity reversal protection and free-wheeling diodes are omitted.

Options

§ Customer specified designs.



Order Table

Number of change-over contacts per relay: 1 → A	Kind of Input: AC → A DC+ → P DC- → M	Number of Relays: 1, 4, 8, 16 → G	Terminals Input: Type 150-A-111 with 2x2,5 mm ² → M Optional available: (A,B,G,R,S)	Terminals Output: Type 150-A-111 with 2x2,5 mm ² → M Optional available: (A,B,G,R,S)
Module-Type: MRPA	Relay Mount: soldered → L plugged-in → S	Coil Voltage (V): 024 Optional available: 006, 012, 048, 060, 110, 220	Housing: Module Housing M-512 Z	
M R P A A - - - - - Z				
Type-Designation				