

B

Relay-Modules MRPC

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: 6 / 4 A
 Switching capacity: 1500 VA
 Contact life mechanical: >10⁷
 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° / -13° up to 104°F

Terminals are at choice, see how to order.

Dimensions:

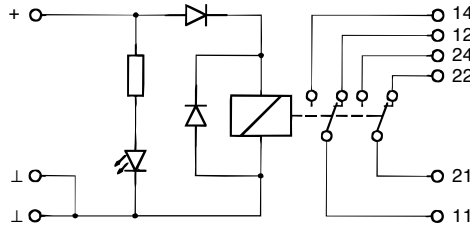
Height above the housing edge:
 with plugged-in Relay: 36 mm / 1.42 in
 with soldered Relay: 23 mm / 0.91 in
 (total height plus 30 mm)
 Length with 1 Relay: 24 mm / 0.95 in
 with 2 Relay: 47 mm / 1.85 in
 with 4 Relay: 92 mm / 3.63 in
 with 16 Relay: 250 mm / 5.40 in
 Width: 76 mm / 3.00 in

Description

The MRPC relay module differs from the previous MRPB type by its slightly lower closing/continuous current ratings and a lower making and breaking capacity, and therefore requires considerably less space. The MRPC is available soldered or inserted either with one, two, four or sixteen relays with two changeover contacts respectively. A polarity reversal protection diode is provided at the negative pole (positive pole) to prevent incorrect control. An LED shows the control status, and a free-wheeling diode per coil protects the circuit against reverse voltages. For positive switching relay modules, a positive control voltage must be applied to the input terminals. All relay coils are connected to the negative pole via the input terminals. For negative switching types, the coils have a common positive pole. Control takes place via a negative signal. For optimal switching characteristics, the relay modules should be installed with the input side downwards or horizontal. 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: 2 → B	Kind of Input: AC → A DC+ → P DC- → M	Number of Relays: 1, 2, 4, 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-B-153 with 2x2,5 mm ² → P Optional available: (E, K, S)
Module-Type: MRPC	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 C B - - - - - Z Type-Designation				