

### 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  
Continuous current: 16 A  
Switching capacity: 4000 VA  
Contact life mechanical:  $> 50 \times 10^6$   
Pick-up/Release time:  $< 10$  ms /  $< 5$  ms

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

#### Ambient temperature:

$-25^\circ$  up to  $40^\circ\text{C}$  /  $-13^\circ$  up to  $104^\circ\text{F}$

Terminals are at choice, see how to order.

#### Dimensions:

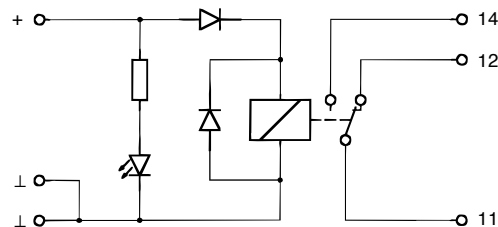
Height above the housing edge: 23 mm / 0.91 in  
(total height plus 30 mm)  
Length: 24 mm / 0.95 in  
Width: 76 mm / 3.00 in



### Description

This module is designed for the reliable separation of control circuits from power circuits. It employs a printed circuit board SPDT relay of large switching capacity. A diode in the positive or negative line prevents tripping when the wrong polarities are applied. An LED indicates the relay status and a reverse diode protects the circuitry from inductive voltage spikes.

To assure optimum switching characteristics, the modules have to be mounted with the input on the downward side, or horizontally.



### Options

‰ Customer specified designs.

### Order Table

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