



- Interface Relays
- 1 CO and 2 CO contact arrangements
- Installation design DIN 35mm
- Supply of 24V AC/DC or 230V AC
- 17,5mm width
- For building and industrial applications
- In accordance with PN-EN 61810-1

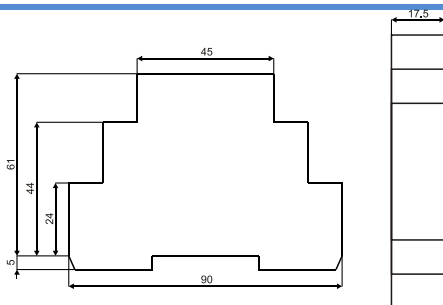


**Technical data**

Output circuit		MIR17-...-116	MIR17-...-208
Contact arrangement		1 CO	2 CO
Rated/maximum contact voltage		250/400	
Rated switching current I <sub>n</sub> in category	AC1	A/V AC	16/250
	DC1	A/V DC	16/24
Maximum continuous current <sup>①</sup>		A	12
Maximum switching load AC1		VA	4 000
Contact resistance		mΩ	≤ 100
Maximum operating frequency at rated load I <sub>n</sub>		cycle/h	600
Input circuit			
Rated supply voltage U <sub>n</sub>		V	24V AC/DC or 230V AC
Supply voltage tolerance	Input 24V		0,8...1,2U <sub>n</sub>
	Input 230V		0,8...1,1U <sub>n</sub>
Rated consumption	24V DC	W	≤ 0,5
	230V AC	VA	≤ 7,5
Rated supply frequency		Hz	47...63
Surge immunity		V	1 000
Insulation			
Insulation rated voltage		V AC	250
Rated surge voltage		V	4 000 1,2/50μs
Overvoltage category			III
Pollution degree			2
Flammability			pcb: V0, cover: HB
Dielectric strength			
▪ input – output		V AC	4 000
▪ open contact			1 000
▪ contact pairs			2 000
General data			
Electrical life AC1 at 50% rated load I <sub>n</sub>		cycle	≥ 1,5 x 10 <sup>5</sup>
Mechanical life		cycle	≥ 3 x 10 <sup>7</sup>
Dimensions (L x W x H) / Weight		mm / g	90x17,5x66/47g   90x17,5x66/50g
Ambient storage / Operating temperature		°C	-40...+70 / -20...+45
IP rating			IP20
Maximum humidity		%	85
Shock resistance		g	15
Vibration resistance		mm	0,35 10...55Hz
Indicator			Green LED
Operating time / voltage			<20ms / <0,75U <sub>n</sub>
Release time / voltage			<25ms / >0,1U <sub>n</sub>

<sup>①</sup> Maximum current together of all the relay contacts

**Dimensions**



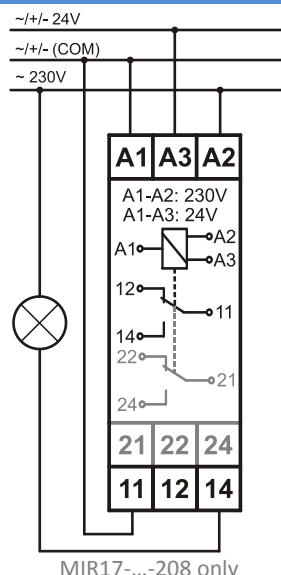
**Caution**

The device must be connected to the mains in accordance with the standards. Installation of the relay should be performed by qualified personnel familiar with the rules of electrical installation. Damage or removal of the housing poses a risk of electric shock.

**Description**

Interface relays are designed to increase the load current. Galvanic isolation between input and output circuits can be used to control devices powered from independent sources. Depending on the wiring, relays can be powered from 24V AC/DC or 230V AC supplies.

**Connections**



**Mounting**

Relays are designed for direct mounting on 35mm DIN rail acc. to PN-EN 60715 in any operational position.  
Connections: max. cross section of the wires: 1 x 2,5mm<sup>2</sup> / 2 x 1,5 mm<sup>2</sup> (1 x 14 / 2 x 16 AWG).  
Deinsulation length: 6,5 mm.  
Maximum torque: 0,6Nm.

**Ordering information**

MIR17-002-M230...

-116	1P/16A
-208	2P/8A



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