



- Interface relay
- Universal supply of 12V AC/DC to 240V AC/DC
- Low power consumption - < 2.0 VA or <1.5 W - high energy efficiency
- Installation design DIN 35mm
- Width 17.5mm
- For building and industrial applications
- In accordance with PN - EN 61812-1



Technical data

Output circuit		MIR17-...-116	MIR17-...-208	MIR17-...-308
Contact arrangement		1 CO	2 CO	3CO
Rated voltage	V AC	250/400		
Switching current range AC1	A/V AC	16/250	8/250	
DC1	A/V DC	16/24	8/24	
Rated current ^①	A	12		
Switching load range	AC1 VA	4 000	2 000	
Contact resistance	mΩ	≤ 100		
Max. operating frequency at rated load	cycles/h	600		
Input circuit				
Supply voltage Un AC/DC (AC:50-60Hz)	V	12...240		
Tolerance		0,8...1,1U _n (9,6...264V)		
Rated consumption	AC VA	≤ 2		
	DC W	≤ 1,5		
Rated frequency	Hz	47...63		
Rated surge voltage	V	1 000		
Insulation				
Insulation rated voltage	V AC	250		
Rated surge voltage	V	4 000 1,2/50μs		
Overvoltage category		III		
Insulation pollution degree		2		
Dielectric strength				
• Input – output	V AC	4 000		
• Open contact		1 000		
General data				
Electrical life AC1 at 1000 VA resistive load	cycles	≥ 1,5 x 10 ⁵		
Mechanical life	cycles	≥ 3 x 10 ⁷		
Dimensions (L x W x H) / Weight	mm / g	90 x 17,5 x 66 / 45g	90 x 17,5 x 66 / 49g	90 x 17,5 x 66 / 64g
Ambient temperature / storage temperature	°C	-40...+70 / -20...+45		
IP rating		IP20		
Relative humidity	%	85		
Shock resistance	g	15		
Vibration resistance	mm	0,35 10...55Hz		

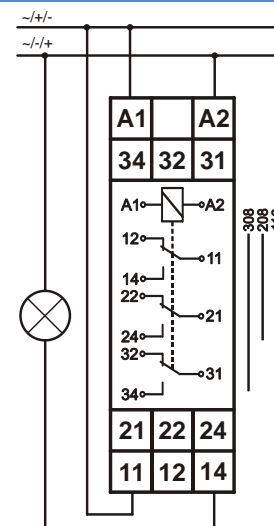
① Maximum rated current together of all the relay contacts.

Description

Interface relays with the universal supply of 12V AC/DC to 240V AC/DC . Cover - installation module, width 17,5 mm. Load of AC1 up to 16A/250V (1CO), 8A/250V (2CO, 3CO). Light indicator (LED diode) - supply voltage.

Application: automatic systems in buildings - in cooperation with control timers, switches, control switches; electric systems; industrial automation and power engineering automation; switchgears of modular equipment

Connections



Mounting

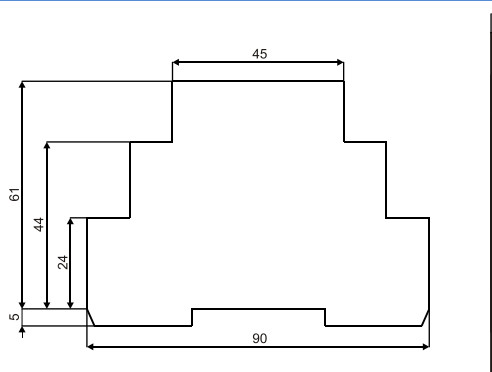
Relays are designed for direct mounting on 35 mm rail mount acc. to PN-EN 60715. Operational position - any. Connections: max. cross section of the cables: 1 x 2,5 mm² / 2 x 1,5 mm² (1 x 14 / 2 x 16 AWG), length of the cable deinsulation: 6,5 mm, max. tightening moment for the terminal: 0,6 Nm.

Ordering information

MIR17-001-U240-...

116	1P/16A
208	2P/8A
308	3P/8A

Dimension



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