



EAN code

MR-41 /230V: 8595188115889
 MR-41 /UNI: 8595188115896
 MR-42 /230V: 8595188115902
 MR-42 /UNI: 8595188115919

- Latching relays, controlled by buttons from several locations can replace three way switches or cross bar switches thanks to control by buttons (unlimited number, connected in parallel by 2 wires), installation gets more transparent and faster for mounting.
- Relays MR-41/UNI, MR-42/UNI memorize its last state even after supply failure. During the failure relay will turn off and after re-energizing will automatically turns on.

MR-41

- output contact: 1x changeover / SPDT 16 A

MR-42

- options - 2x parallel contacts or the other relay is latching
 - function selected via external jumper between B1 - B2
 - output contact: 2x changeover /SPDT 16 A

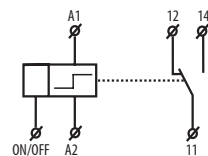
■ Supply voltage AC 230 V or AC/DC 12-240 V

■ 1-MODULE version, DIN rail mounting, controlling by buttons

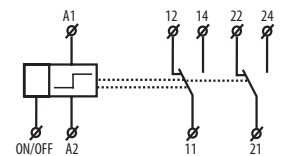
Technical parameters		MR-41	MR-42
Number of functions:		1	2
Supply terminals:		A1 - A2	
Voltage range:	UNI 230	AC/DC 12 - 240 V (AC 50 - 60 Hz)	
Burden:		AC 0.17 - 3 VA / DC 0.1 - 1.2 W	AC 0.17 - 12 VA / DC 0.11 - 1.9 W
Voltage range:		AC 230 V / 50 - 60 Hz	
Consumption (apparent/loss):		AC max. 12 VA / 1.2 W	AC max. 12 VA / 1.9 W
Supply voltage tolerance:		-15 %; +10 %	
Supply indication:		green LED	
<u>Output</u>			
Number of contacts:		1x changeover / SPDT (AgSnO ₂)	2x changeover/ SPDT (AgSnO ₂)
Current rating:		16 A / AC1	
Breaking capacity:		4000 VA / AC1, 384 W / DC	
Inrush current:		30 A / <3 s	
Switching voltage:		250 V AC1 / 24 V DC	
Min. breaking capacity DC:		500 mW	
Output indication:		red LED	
Mechanical life:		3x10 ⁷	
Electrical life (AC1):		0.7x10 ⁵	
<u>Controlling</u>			
Consumption of input:		AC 0.025 - 0.2 VA / DC 0.1 - 0.7 W (UNI), AC 0.53 VA (AC 230 V)	
Load between A2-ON/OFF:		Yes	
Control. terminals:		A1 - ON/OFF	
Glow tubes connctions:		230 V - Yes / UNI - No	
Max. amount of glow lamps connected to controlling input:		UNI - glow lamps cannot connected, 230V - max. amount 5 pcs (measured with glow lamp 0.68mA/230V AC)	
Impulse length:		min. 25 ms / max. unlimited	
<u>Other data</u>			
Operating temperature:		-20 °C to +55 °C (-4 °F to 131 °F)	
Storage temperature:		-30 °C to +70 °C (-22 °F to 158 °F)	
Electrical strength:		4 kV (supply - output)	
Operating position:		any	
Mounting/DIN rail:		DIN rail EN 60715	
Protection degree:		IP 40 from front panel / IP 20 terminals	
Overvoltage category:		III.	
Pollution degree:		2	
Max. cable size (mm²):		solid wire max.1x 2.5 or 2x1.5/ with sleeve max. 1x2.5 (AWG 12)	
Dimensions:		90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")	
Weight:		(UNI) - 62 g, (230) - 60 g	(UNI) - 89 g, (230) - 85 g
Standards:		EN 61810-1, EN 61010-1	

Symbol

MR-41

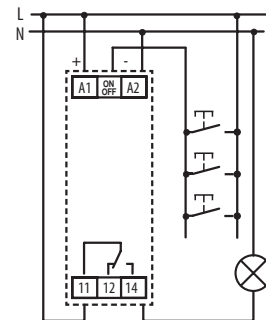


MR-42

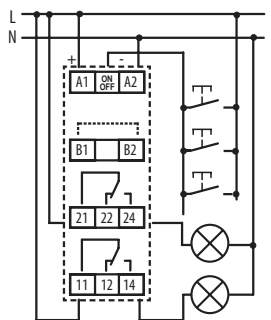


Connection

MR-41

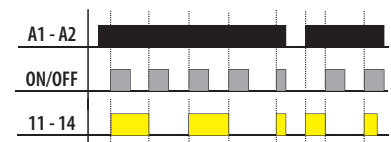


MR-42



Function

MR-41



MR-42

