

**EAN code**

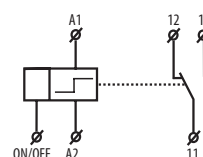
MR-41 /230V 8595188115889  
 MR-41 /UNI 8595188115896  
 MR-42 /230V 8595188115902  
 MR-42 /UNI 8595188115919

- 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

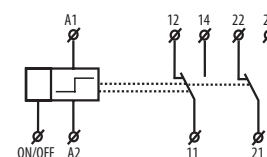
Technical parameters	MR-41	MR-42
Number of functions:	1	2
Supply terminals:	A1 - A2	
Voltage range:	UNI	AC/DC 12 - 240 V (AC 50 - 60 Hz)
Burden:	AC 0.17 - 3 VA / DC 0.1 - 1.2 W	AC 0.17 - 12 VA / DC 0.11 - 1.9 W
Voltage range:	230	AC 230 V / 50 - 60 Hz
Consumption (apparent/loss):	AC max. 12 VA / 1.2 W	AC max. 12 VA / 1.9 W
Supply voltage tolerance:	-15 %; +10 %	
Supply indication:	green LED	
<b>Output</b>		
Number of contacts:	1x changeover / SPDT (AgSnO <sub>2</sub> )	2x changeover/ SPDT (AgSnO <sub>2</sub> )
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 <sup>7</sup>	
Electrical life (AC1):	0.7x10 <sup>5</sup>	
<b>Controlling</b>		
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 connetions:	Yes	
Max. amount of glow lamps connected to controlling input:	230V - max. amount 5 pcs (Measured with glow lamp 0.68mA/230V AC)	
Impulse length:	min. 25 ms / max. unlimited	
<b>Other data</b>		
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 (mm <sup>2</sup> ):	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**

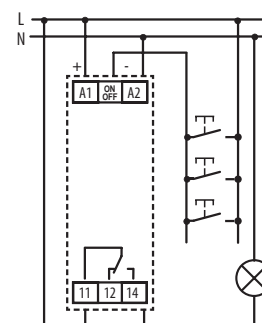
MR-41



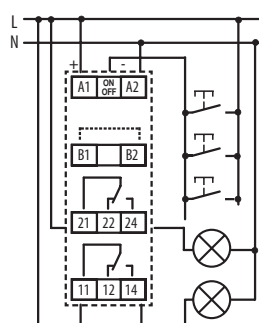
MR-42

**Connection**

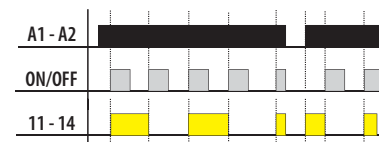
MR-41



MR-42

**Function**

MR-41



MR-42

