

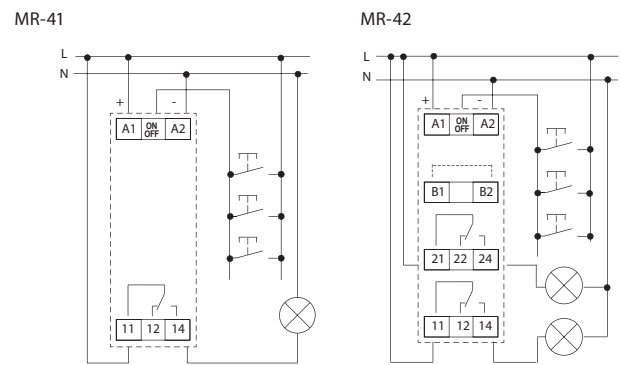


EAN code
 MR-41 / 230 V: 8595188115889
 MR-41 / UNI: 8595188115896
 MR-42 / 230 V: 8595188115902
 MR-42 / UNI: 8595188115919

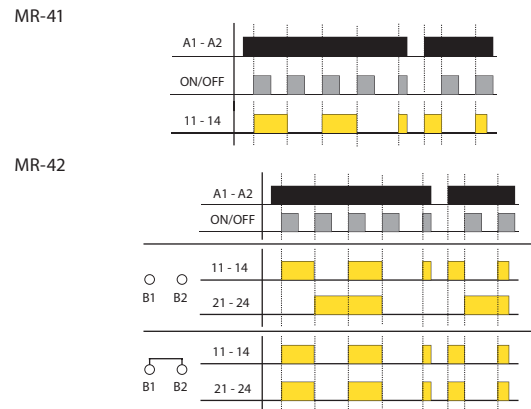
| Technical parameters | MR-41 | MR-42 |
|---|--|--|
| Number of functions: | 1 | 2 |
| Supply terminals: | A1 - A2 | |
| Voltage range: | UNI AC/DC 12 - 240 V (AC 50 - 60 Hz) | |
| Burden (max.): | AC 0.17 - 3 VA / DC 0.1 - 1.2 W | AC 0.17 - 12 VA / DC 0.11 - 1.9 W |
| Voltage range: | 230 AC 230 V / 50 - 60 Hz | |
| Consumption (apparent/loss): | AC max. 12 VA / 1.2 W | AC max. 12 VA / 1.9 W |
| Max. dissipated power (Un + terminals): | 3 W | 4.5 W |
| Supply voltage tolerance: | -15%; +10 % | |
| Supply indication: | green LED | |
| Output | | |
| Number of contacts: | 1x changeover / SPDT (AgSnO ₂) | 2x changeover/ DPDT (AgSnO ₂) |
| Current rating: | 16 A / AC1 | |
| Breaking capacity: | 4000 VA / AC1, 384 W / DC | |
| Inrush current: | 30 A / < 3 s | |
| Switching voltage: | 250V AC / 24V DC | |
| Output indication: | red LED | |
| Mechanical life: | 3x10 ⁷ | |
| Electrical life (AC1): | 0.7x10 ⁵ | |
| Controlling | | |
| 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 be connected, 230 V - max. amount 5 pcs (measured with glow lamp 0.68 mA / 230 V AC) | |
| Impulse length: | min. 25 ms / max. unlimited | |
| Other data | | |
| 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 EN 60715 | |
| Protection degree: | IP40 from front panel / IP20 terminals | |
| Overvoltage category: | III. | |
| Pollution degree: | 2 | |
| Max. cable size (mm ²): | solid wire max. 1x 2.5 or 2x 1.5 / with sleeve max. 1x 2.5 (AWG 12) | |
| Dimensions: | 90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5") | |
| Weight: | (UNI)-64 g (2.3 oz.), (230)-61 g (2.2 oz.) | (UNI)-88 g (3.1 oz), (230)-85 g (3 oz.) |
| Standards: | EN 61810-1, EN 61010-1 | |

- 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 / DPDT 16 A
 - Supply voltage AC 230 V or AC/DC 12-240 V
- 1-MODULE version, DIN rail mounting, controlling by buttons

Connection



Function



Symbol

