

## Memory and latching relays MR-41, MR-42

### Advantages

- 1-module, DIN rail mounted
- Supply voltage:
  - UNI AC/DC 12V - 240V
  - 230 AC 230V
- Keeps state in memory when supply disconnected. When energized again, relay returns to the state before disconnecting.

### MR-41

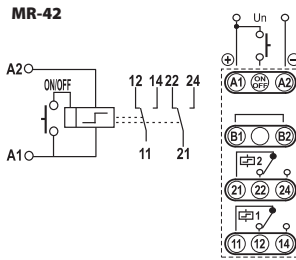
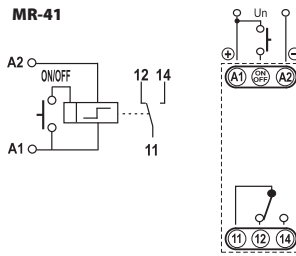
- Output contact: 1x changeover 16A/ AC1

### MR-42

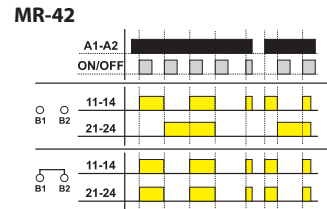
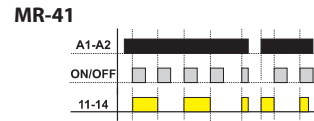
- Options - 2x paralel contacts or the other relay is latching
- Function selected via external wire link between B1-B2
- Output contact: 2x changeover 16A/ AC1

Technical data		
	MR-41	MR-42
Number of functions	1	2
Supply	A1-A2	
Supply voltage UNI	12-240 V AC/DC (50-60 Hz AC)	
Consumption UNI	AC 0,17-3 VA / DC 0,5 - 1,2 W	AC 0,17-12 VA / DC 0,11 - 1,9 W
Supply voltage 230	230 V AC / 50-60 Hz	
Consumption 230	AC max. 12 VA / DC 1,2 W	AC max. 12 VA / DC 1,9 W
Supply indication	green LED	
<b>Output</b>		
Supply voltage tolerance	- 15%; + 10%	
Number of contacts	1xCO	2xCO
Rated current	16 A / AC1	2x16 A / AC1
Breaking capacity	4000 VA / AC1, 384 W / DC	4000 VA / AC1, 2x384 W / DC
Inrush current	30 A / <3 s	30 A / <3 s
Switching voltage	250 V AC1 / 24 V DC	250 V AC1 / 24 V DC
Min. breaking capacity DC	500 mW	500 mW
Output indication	red LED	red LED
Mechanical life	3x10 <sup>7</sup>	
Electrical life	0,7x10 <sup>5</sup>	
<b>Controlling</b>		
Voltage	AC/DC 12-240 V	
Consumption of input	AC 0,025-0,2 VA / DC0,1-0,7 W (UNI) , AC 0,53 VA (AC 230V)	
Load between A2 ON/OFF	yes	
Glow-lamps	no (UNI) , yes -max. 4 pcs at 1mA (AC 230V)	
Control terminals	A1 ON/OFF	
Max. capacity of cable control:		
-without connected glow lamps	12 nF (UNI), 12nF (230V)	
-with connected glow lamps	9nF (UNI), glow lamps cannot connected/NO 9nF (230V), max. 4pcs (1pc-1mA)	9nF (UNI), glow lamps cannot connected/NO 9nF (230V), max. 4pcs (1pc-1mA)
Impulse length	min. 25 ms/ max. unlimited	
Operating temperature	-20...+55°C	
Storage temperature	-30...+70°C	
Electrical strength	4 kV (supply - output)	
Operating position	any	
Mounting	DIN rail EN 60715	
Protection degree	IP 40 from frontal panel	
Overvoltage category	III	
Pollution degree	2	
Max. cable size	2,5 mm <sup>2</sup>	
Dimensions	90x17, 6x64 mm	
Standards	EN 60669-2-2, EN 61010-1	

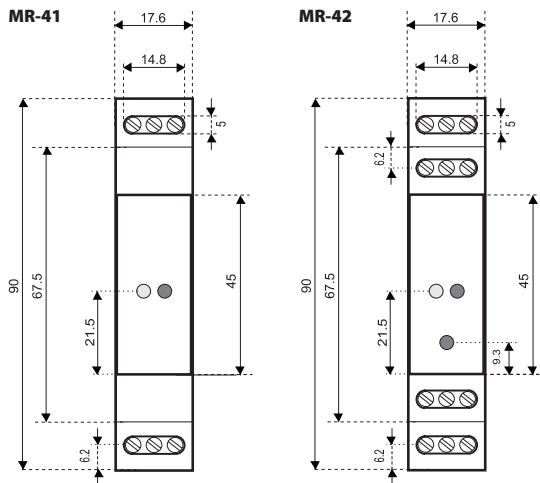
Connection



Function



Dimensions



1-module design

