

MR-41, MR-42 | Memory relays

**5 YEAR
WARRANTY**

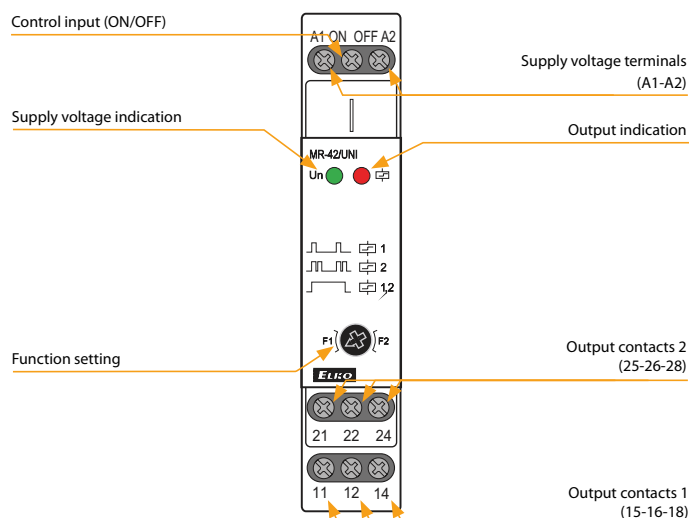


EAN code
MR-41/230 V: 8595188115889
MR-41/UNI: 8595188115896
MR-42/230 V: 8595188182492
MR-42/UNI: 8595188182256

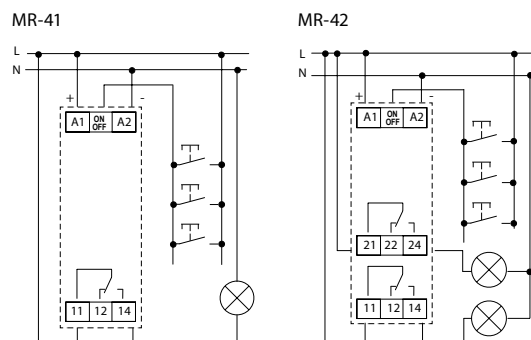
Technical parameters		MR-41	MR-42
Number of functions:		1	2
Supply terminals:		A1 - A2	
Voltage range:	UNI	AC/DC 12 - 240 V (AC 50 - 60 Hz)	
Consumption (max.):		2 VA/1.5 W	2.5 VA/1.5 W
Voltage range:	230 V	AC 230 V (50 - 60 Hz)	
Consumption (max.):		3 VA/1.4 W	4 VA/2 W
Supply voltage tolerance:		-15 %; +10 %	
Supply indication:		green LED	
Output			
Number of contacts:		1x changeover/SPDT (AgSnO ₂)	2x changeover/DPDT (AgSnO ₂)
Current rating:		16 A/AC1; PD. B300	
Breaking capacity:		4000 VA/AC1, 384 W/DC	
Inrush current:		30 A/< 3 s	
Switching voltage:		250V AC/24V DC	
Power dissipation (max.):		1.2 W	2.4 W
Output indication:		red LED	
Mechanical life:		10.000.000 ops.	
Electrical life (AC1):		100.000 ops.	
Controlling			
Load between A2-ON/OFF:		Yes	
Control terminals:		A1 - ON/OFF	
Glow-lamp connection:		(UNI) - NO, (230) - max. 4 pcs	
Impulse length:		min. 25 ms/max. unlimited	
Other data			
Operating temperature:		-20 .. +55 °C (-4 .. 131 °F)	
Storage temperature:		-30 .. +70 °C (-22 .. 158 °F)	
Dielectric strength:			
supply - output 1		4 kV	
supply - output 2		-	3 kV
output 1 - output 2		-	4 kV
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 (mm²):		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)-59 g (2.3 oz.), (230)-53 g (2.2 oz.)	(UNI)-80 g (2.8 oz.), (230)-70 g (2.5 oz.)
Standards:		EN 60669-1, EN 60669-2-1	

- Memory (impulse) 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, MR-42 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 16 A.
- **MR-42** - options: 2x parallel contacts or the other relay is latching
 - function selected via potentiometer on front panel
 - output contact: 2x changeover 16 A
- Supply voltage: AC 230 V or AC/DC 12 - 240 V.

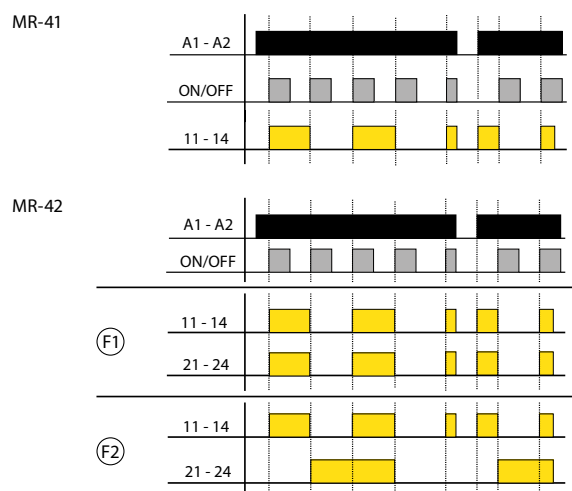
Description



Connection



Function



Symbol

