

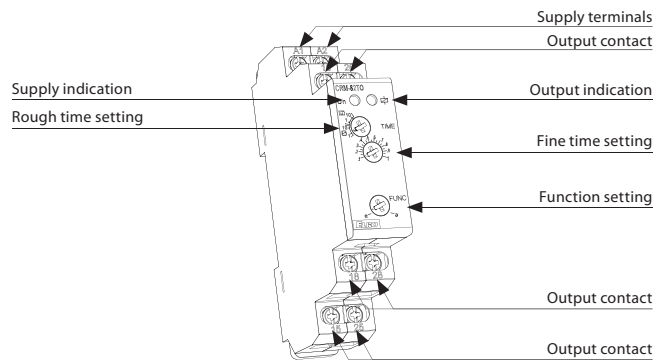


EAN code
CRM-82TO /UNI: 8595188137614

Technical parameters		CRM-82TO
Number of functions:		a - On Delay (Power On) / e - Off Delay (S Break)
Supply terminals:		A1 - A2
Voltage range:		AC/DC 12 - 240 V (AC 50 - 60 Hz)
Burden (max.):		AC 0.7 - 3 VA / DC 0.5 - 1.7 W
Max. dissipated power (Un + terminals):		2.5 W
Supply voltage tolerance:		-15 %; +10 %
Supply indication:		green LED
Time ranges:		0.1 s - 10 min
Time setting:		potentiometer
Time deviation:		5 % - mechanical setting
Repeat accuracy:		0.2 % - set value stability
Temperature coefficient:		0.1 % / °C, at = 20 °C (0.1 % / °F, at = 68 °F)
Output		
Number of contacts:		2x changeover/DPDT (AgNi/ Silver Alloy)
Current rating:		8 A / AC1
Breaking capacity:		2000 VA / AC1, 192 W / DC
Inrush current:		10 A / <3 s
Switching voltage:		250 V AC / 24 V DC
Output indication:		red LED
Mechanical life:		3x10 ⁷
Electrical life (AC1):		0.7x10 ⁵
Other information		
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 / IP10 terminals
Overvoltage category:		III.
Pollution degree:		2
Max. cable size (mm ²):		solid wire max. 2x 2.5 or 1x 4, with sleeve max. 2x 1.5 or 1x 2.5 (AWG 12)
Dimensions:		90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")
Weight:		73 g (2.6 oz.)
Standards:		EN 61812-1, EN 61010-1

- „True OFF“ relay - relay timing without supply voltage.
- Example of use: back-up source for Delay OFF in case of voltage failure (e.g. emergency lighting, emergency respirator, or protection of el. controlled doors - in case of fire).
- 2 time functions adjustable by rotary switch:
a - Delayed return after disconnecting of supply.
e - Delayed start.
- Time range (adjustable by rotary switch and fine setting by potentiometer): 0.1 s - 10 min.
- Universal supply voltage AC/DC 12 - 240 V.
- Interruptions in the power supply must take time steps (tens to hundreds of milliseconds).
- Output contact: 2x changeover / DPDT 8 A.
- Output status indicated by red LED (only in case of supply voltage connection).
- Clamp terminals.
- 1-MODULE, DIN rail mounting.

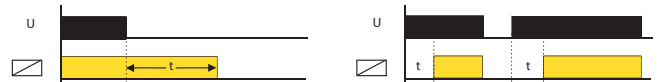
Description



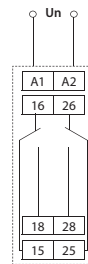
Function

a - Delay OFF (S break) the power supply is switched off (min. time is 0.5 s)

e - Off Delay (S break)



Connection



Symbol

