

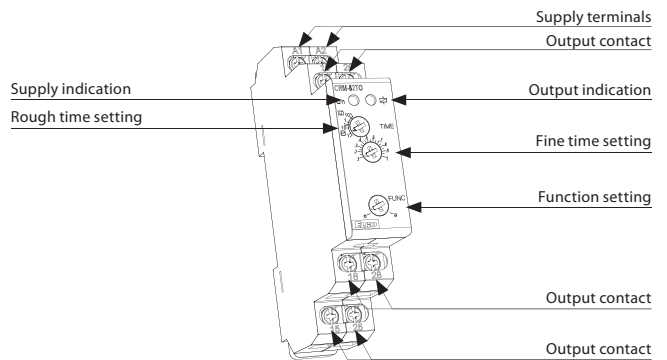


EAN code
CRM-82TO /UNI: 8595188137614

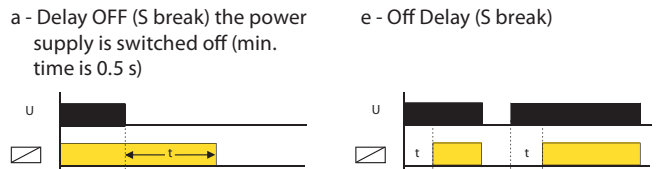
| Technical parameters | | CRM-82TO |
|-------------------------------------|---|----------|
| Number of functions: | a - On Delay (Power On) / e - Off Delay (S Break) | |
| Supply terminals: | A1 - A2 | |
| Voltage range: | AC/DC 12 - 240 V (AC 50 - 60 Hz) | |
| Burden: | AC 0.7 - 3 VA / DC 0.5 - 1.7 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 AC1 / 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: | 93 g (3.3 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.

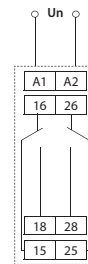
Description



Function



Connection



Symbol

