



EAN code
CRM-61: 8595188120210

Technical parameters

CRM-61

Number of functions:	6
Supply terminals:	A1 - A2
Supply voltage :	AC 24 - 240 V (AC 50 - 60 Hz) and DC 24 V
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 h
Time setting:	rotary switch and potentiometer
Time deviation:	5 % - mechanical setting
Repeat accuracy:	0.2 % - set value stability
Temperature coefficient:	0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F)

Output

Number of contacts:	1x changeover/ SPDT (AgNi / Silver Alloy)
Current rating:	8 A / AC1
Breaking capacity:	2000 VA / AC1, 240 W / DC
Output indication:	multifunction red LED
Mechanical life:	1x10 ⁷
Electrical life (AC1):	1x10 ⁵

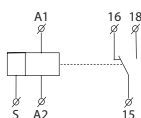
Controlling

Control. voltage:	AC 24 - 240 V (AC 50 - 60 Hz) and DC 24 V
Control power input:	AC 0.025 - 0.2 VA / DC 0.1 - 0.7 W
Load between S-A2:	Yes
Glow-tubes:	No
Control. terminals:	A1-S
Max. capacity of cable control:	0.1 μF
Impulse length:	min. 25 ms / max. unlimited
Reset time:	max. 120 ms

Other information

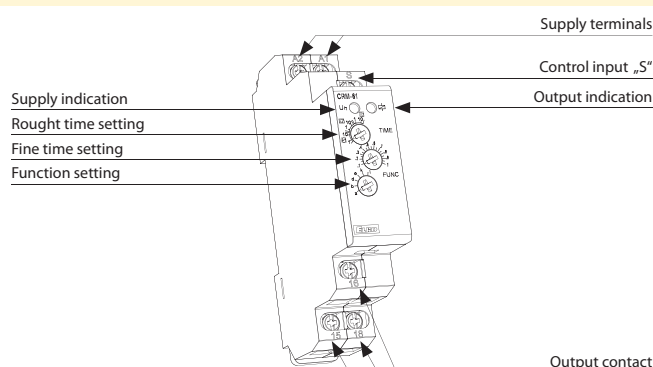
Operating temperature:	-20 °C to +55 °C (-4 °F to 131 °F)
Storage temperature:	-30 °C to +70 °C (-22 °F to 158 °F)
Electrical strength:	4 kV (supply-output)
Operating position	any
Mounting:	DIN rail EN 60715
Protection degree:	IP40 from front panel / IP10 terminals
Overvoltage category:	III.
Pollution degree:	2
Max. cable size (mm ²):	max. 2x 2.5, max. 1x 4 with sleeve max. 1x 2.5, 2x 1.5 mm ² (AWG 12)
Dimensions:	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")
Weight:	69 g (2.4 oz.)
Standards:	EN 61812-1, EN 61010-1

Symbol

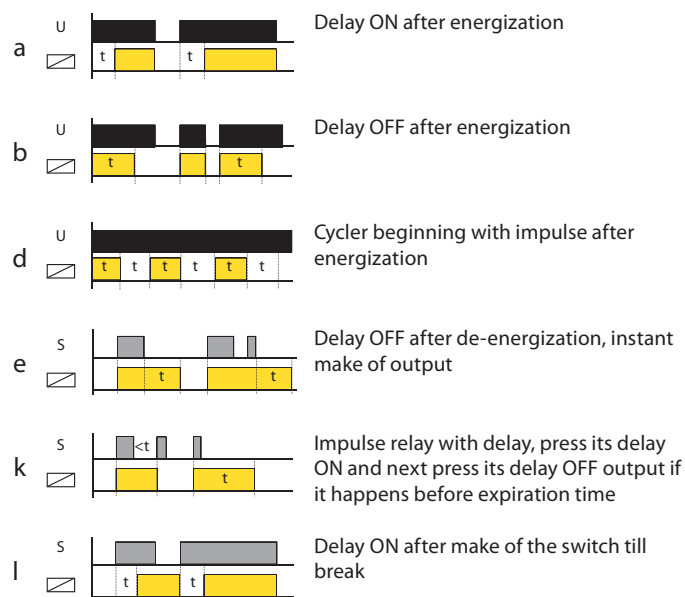


- Multifunction time relay (6 functions and 6 time ranges), economic version of CRM-91H
- To be used for electrical appliances, control of lights, heating, motors, pumps, fans, etc.
- 6 functions:
 - 3 time functions controlled by supply voltage
 - 3 time functions controlled by control input
- Easy to use function and time-range setting by rotary switches
- Time scale 0.1 s - 10 hrs divided into 6 range:
 - (0.1 s - 1 s / 1 s - 10 s / 0.1 min - 1 min / 1 min - 10 min / 0.1 hrs - 1 hrs / 1 hrs - 10 hrs)
- Universal voltage range: AC 24 - 240 V, DC 24 V
- Output contact: 1x changeover 8 A / SPDT
- Multifunction red LED output indicator flashes or shines depending on the status of output
- 1-MODULE, DIN rail mounting

Description



Function



Connection

