



EAN code
CRM-4 / 230V: 8595188115605

- It is used for delayed switching of lights in the corridors, entrances, stairways, halls or for delayed finish of fans (WC, bathroom, etc.)
- It is controlled by a button or by several buttons from more places (connected in parallel) buttons can be equipped by glow lamps (max. 20 pcs of glow lamps)
- Output relay contact 16 A/AC1 with surge current up to 80 A enables switching of el. bulbs and fluorescent lamps.
- Operating system switch:
 - AUTO** - normal Function according to set time
 - OFF** - permanently OFF (e.g. when changing bulbs)
 - ON** - permanently ON (e.g. while cleaning, servicing)
- Time range: 0.5 - 10 min
- Time setting by potentiometer
- Supply voltage : AC 230 V
- Protection against button blocking (e.g. a match inserted in a button)
- 1- MODULE, DIN rail mounting

Technical parameters	CRM-4
Function:	delay off reacting to control contact switching
Supply terminals:	A1 - A2
Voltage range:	AC 230 V / 50 - 60 Hz
Burden:	AC max. 12 VA / 1.8 W
Supply voltage tolerance:	-15 %; +10 %
Supply indication:	green LED
Time ranges:	0.5 - 10 min
Time setting:	potentiometer
Time deviation:	10 % - mechanical setting
Repeat accuracy:	5 % - set value stability
Temperature coefficient:	0.05 % / °C, at = 20 °C (0.05 % / °F, at = 68 °F)

Output

Number of contacts:	1x changeover/SPDT (AgSnO ₂)
Current rating:	16 A / AC1
Breaking capacity:	4000 VA / AC1, 384 W / DC
Inrush current:	30 A / <3 s
Switching voltage:	250 V AC1 / 24 V DC
Min. breaking capacity DC:	500 mW
Output indication:	red LED
Mechanical life:	3x10 ⁷
Electrical life (AC1):	0.7x10 ⁵

Control:

Control voltage:	AC 230 V
Power on input:	AC 0.53 VA
Load between S-A2:	Yes
Control terminals:	A1-S
Glow tubes connetions:	Yes

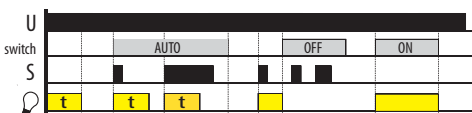
Max. amount of glow lamps connected to controlling input: AC 230V - max. amount 35 pcs (Measured with glow lamp 0.68mA/230V AC)

Impulse length:	min. 25 ms / max. unlimited
Reset time:	max. 150 ms

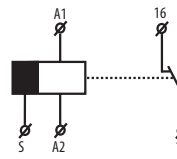
Other information

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:	DIN rail EN 60715
Protection degree:	IP 40 from front panel / IP 20 terminals
Overtoltage cathogory:	III.
Pollution degree:	2
Max. cable size (mm ²):	solid wire max.1x 2.5 or 2x1.5/ with sleeve max. 1x2.5 (AWG 12)
Dimensions:	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")
Weight:	62 g (2.2 oz.)
Standards:	EN 60669-2-3, EN 61010-1

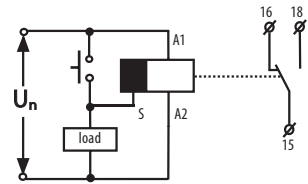
Function



Symbol **Connection**

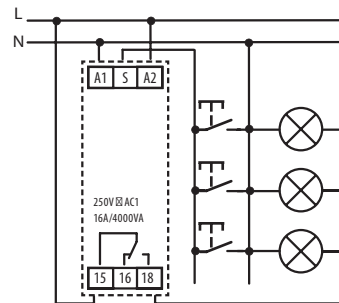


It is possible to connect load between S-A2 (e.g. contactor, control of light or any other device), without disturbing a correct function of relay (load is energized while the switch is ON.)

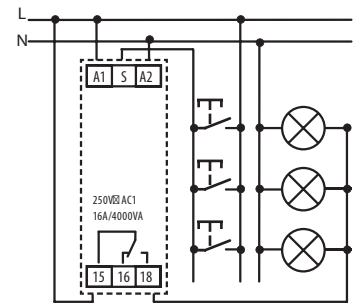


Connection circuit

3-wire connection



4-wire connection



Description

