

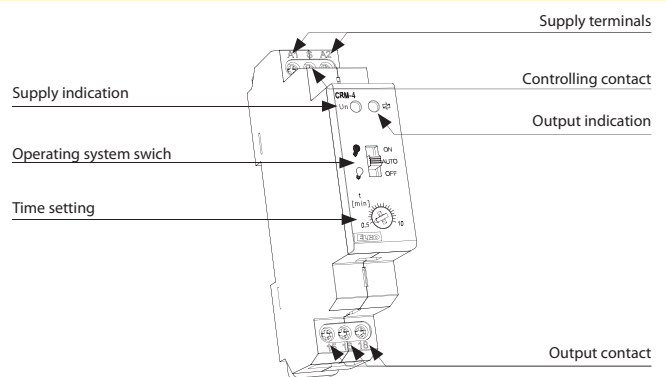


EAN code
CRM-4 / 230 V: 8595188115605

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	
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 connctions:	Yes	
Max. amount of glow lamps connected to controlling input:	max. amount 35 pcs (measured with glow lamp 0.68 mA / 230 V 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 EN 60715	
Protection degree:	IP40 from front panel / IP20 terminals	
Overvoltage category:	III.	
Pollution degree:	2	
Max. cable size (mm ²):	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:	62 g (2.2 oz.)	
Standards:	EN 60669-2-3, EN 61010-1	

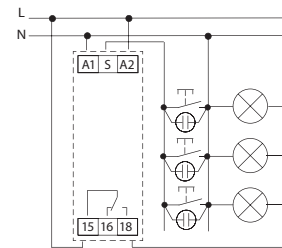
- Used for delayed switching of lights in the corridors, entrances, stairways, halls or for delayed finish of fans (WC, bathroom, etc.).
- It is controlled by a button or by several buttons from more places (connected in parallel), buttons can be equipped by glow lamps (max. 20 pcs of glow lamps).
- 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.

Description

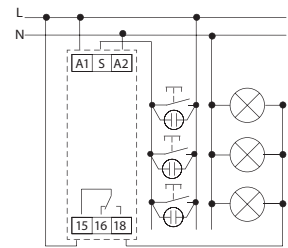


Circuit connection

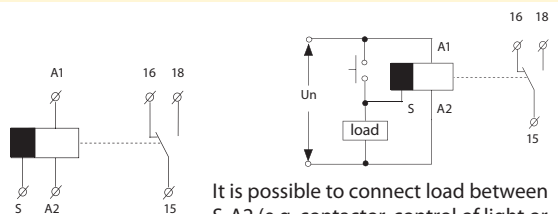
3-wire connection



4-wire connection



Symbol



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).

Function

