

## INNOVATION



EAN code  
CRM-4: 8595188170772

Technical parameters	CRM-4
Number of functions:	3
Supply terminals:	A1 - A2
Supply voltage:	AC 230 V / 50 - 60 Hz
Consumption max.:	3 VA / 1.6 W
Max. dissipated power (Un + terminals):	4 W
Supply voltage tolerance:	-15 %; +10 %
Supply indication:	green LED
Time ranges:	0.5 - 10 min
Time setting:	potentiometer
Time deviation:	5 % - mechanical setting
Repeat accuracy:	5 % - set value stability
Temperature coefficient:	0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F)

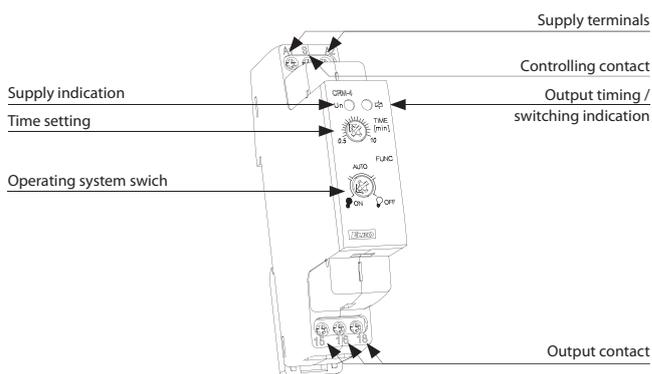
Output	
Changeover contacts:	1x changeover (AgSnO <sub>2</sub> )
Rated current:	16 A / AC1
Switching capacity:	4000 VA / AC1, 384 W / DC
Inrush current:	30 A / <3 s
Switching voltage:	250V AC / 24V DC
Output indication:	red LED
Mechanical life:	10 000 000 operations
Electrical life (AC1):	50 000 operations

Control	
Control voltage:	AC 230 V
Power on input max.:	4.5 VA / 0.3 W
Control. terminals:	A1-S or A2-S
Glow-tubes:	yes
Max. Current of connected glow lamps:	100 mA
Impulse length:	min. 40 ms / max. unlimited
Reset time:	max. 320 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 <sup>2</sup> ):	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:	56 g (2 oz.)
Standards:	EN 60669-2-3, EN 61010-1

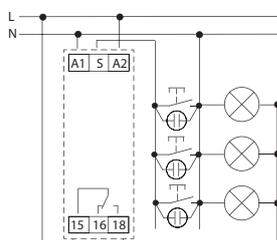
- Simple staircase switch used to control lighting in corridors, halls, staircases, common areas.
- Can also be used for delayed fan run-out e.g. in bathrooms, toilets...
- 3 functions:
  - ON (permanently closed) - e.g. when cleaning, moving
  - AUTO - STAIRCASE SWITCH without signalization
  - OFF (permanently open) - e.g. when replacing lights
- Adjustable time range 0.5... 10 minutes
- Timing can be terminated by long pressing the control button (> 2s)
- Possibility to connect control buttons with glow lamps (max. 100mA)
- Potential-free output contact 16A AC1 (4000VA), surge current up to 80A
- Option of 3 or 4 wire connection

## Description

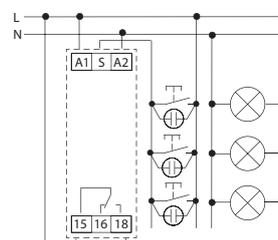


## Circuit connection

## 3-wire connection

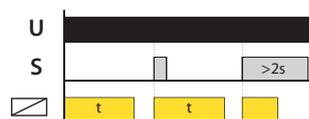


## 4-wire connection



## Function

When switching between functions, the red LED flashes.



## AUTO - STAIRCASE SWITCH without signalization

By briefly pressing the control button, the device times the set time. You cannot extend the time interval by briefly pressing the button repeatedly. Function suitable for resistive loads (e.g. bulbs) and loads that do not tolerate frequent switching on and off (e.g. energy saving lamps).

## Notice:

- After the supply voltage has been connected, the device always performs 1 time cycle.
- The control input reacts to the potential of terminals A1 and A2.