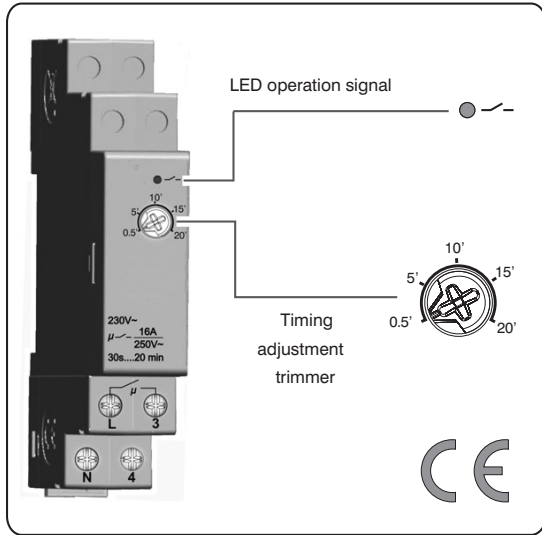


STAIRCASE TIMER - 1 DIN



TECHNICAL SPECIFICATIONS

Supply:	230V~ +/- 10%, 50 Hz
Type of output:	Relay with NO single-pole polarized contact 16A / 250V~ adjustable from 30 seconds to 20 minutes
Time adjustment:	
Ability to activate «stair cleaning»:	
Maximum wire section at terminals:	1 mm ² ÷ 6 mm ²
Protection degree:	IP 20
Operating temperature limits:	- 10 °C ÷ +55 °C
Storing temperature limits:	- 20 °C ÷ +65 °C
Installation:	DIN rail
Max current absorbed by illuminated buttons:	150 mA with overload protection
Reference standard for CE mark:	LVD/EMC EN60669-2-3 EN60669-2-1

Example of maximum operating power:

16A resistive	3600W	1000W (28x36W)	1000W (28x36W tot. 140 µF)	35 x 7W 25 x 23W

DEVICE DESCRIPTION

The timer switch is ideal for lighting circuits that need to be switched off automatically after a set time (adjustable from 30 seconds to 20 minutes). The lights may be switched on for up to 45 minutes which is useful, for example, to clean the stairwell.

One important feature of the device is the intelligent relay command of the "zero crossing" relay which optimises the enabling and disabling of the load, increasing the life time of the relay.

LED SIGNALS (LED on front)

Relay ON	Relay OFF
blinking	slow blinking

Important: the switched off LED means the device is not powered.

Note: during timing trimmer setting, if the device is in the Relay ON, position the led blinks fast.

DESCRIPTION OF THE OPERATING MODES

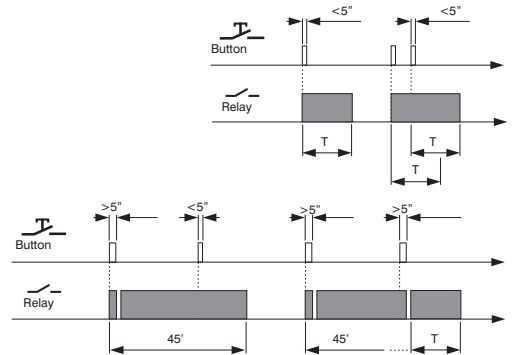
Timed, resettable relay with stair cleaning function

Briefly press one of the stair buttons to switch on the light for the timeset; at any time it is possible to start a new cycle by pressing one of the buttons (for less than 5 seconds) again.

Additional "stair cleaning" function

If one of the buttons is pressed for 5 sec. a switch-on cycle of 45 minutes is activated (non resettable). The function may be disabled before the time is up by pressing and holding down one of the buttons for 5 seconds; the light will switch off when the set cycle is complete.

Note: the enabling and disabling of the function is signalled by the light briefly switching off.



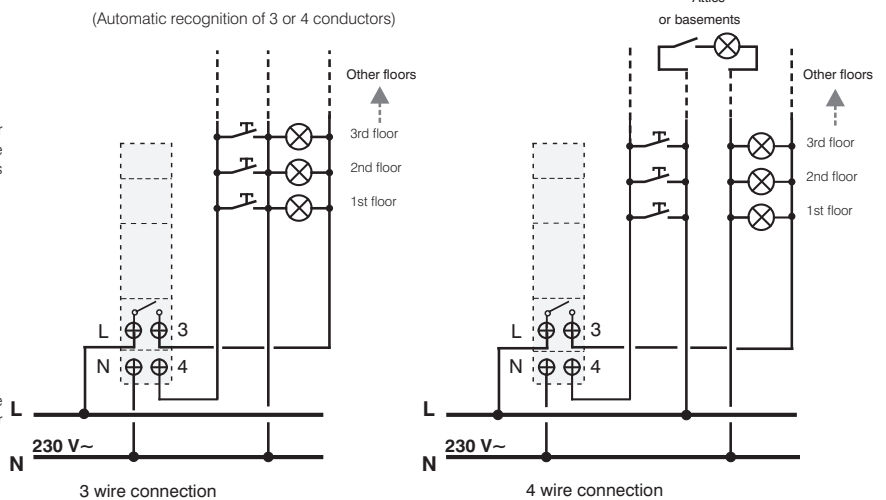
ELECTRICAL CONNECTION

Important: the installation and electrical connections of devices and equipment must be performed by qualified personnel in conformity with current standards and regulations.

WARNING: in case of particularly reactive loads (e.g. flu-orescent or HID or electronic lamps, etc.) or with a cos φ value lower than indicated in the technical data, the relay could suffer damage. It is advisable in such instances to use a suitably rated external or solenoid switch.

Note: if some LED lights do not switch on, reconnect them by reversing the polarity.

The manufacturer does not assume any responsibility concerning the use of the products, which must comply to particular environmental and/or installation standards.



IMPORTANT: teach time the timer switch is electrically powered, it runs an operating test, the duration of which corresponds to the time set by the timing adjustment trimmer.