

Remote switch series STELLA



LQ540000

Schrack-Info

- Low switching noise
- Energy saving function 0.5 – 30 minutes
- High switching capacity, 80 A start-up peak
- LED display

APPLICATIONS

- The ideal solution for cellar lights in multi-family houses

FEATURES

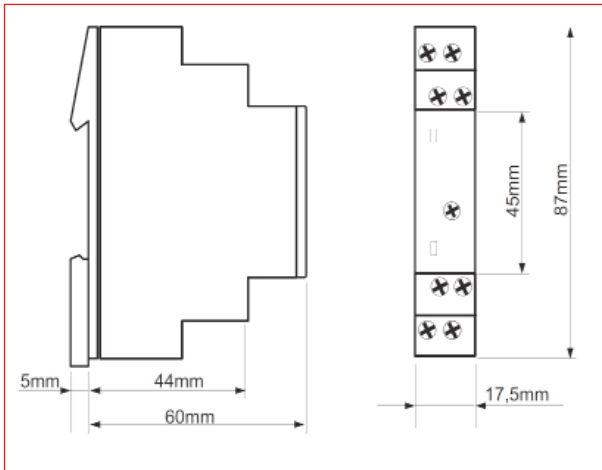
Electronic remote switch with energy saving function. Pressing a button switches the light on or off. Should the light not be turned off in the set time, it is switched off automatically by the energy saving function. The control input allows the connection of pushbuttons with up to 100 mA glow lamp load and enables the application in 3- or 4-wire circuits.

Time ranges:

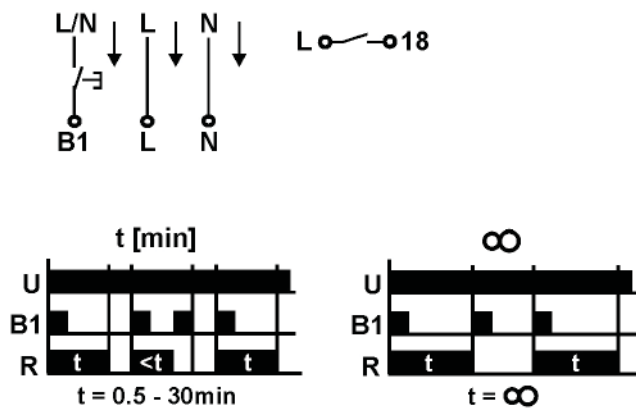
Delay	Adjustment range 0.5 - 30 min
Standards:	EN 55011, EN61000-6-2, EN 61812-1
Indicators	
Green LED ON	Indication of supply voltage
Yellow LED ON/OFF	Position of output relay
Input circuit:	
Supply voltage	Terminals L - N
Nominal voltage	230V-AC
Tolerance	-15% to +10%
Rated consumption	2VA (1,0W)
Nominal frequency	48 up to 63 Hz
Duty cycle	100%
Reset time	after 500 ms
Drop-out voltage	>30%
Overvoltage category	III (according to IEC 60664-1)
Rated surge voltage 4 kV	4kV
Output:	
1 normally open contact Terminals	L - 18
Rated voltage	250V-AC
Switching capacity (distance <5mm):	10 A continuous current
Switching capacity (distance >5mm):	16 A continuous current
Start-up peak (20 ms)	80 A
Mechanical life	30 x 10 ⁵ operations
Electrical life	Resistive load: 10 ⁵ operations at 16 A 250 V
	Lamp load: 80000 operations at 1000W 250V
Control input B1:	
Connection not potential-free	Pushbutton B1-N (3-conductor circuit)
	Pushbutton B1-L (4-conductor circuit)
Glow lamp load	Max. 100 mA parallel to the pushbuttons
Overload protection	Electronic
Accuracy:	
Base accuracy	±5% of maximum scale value
Adjustment accuracy	<15% of maximum scale value
Repetition accuracy	<2%
Temperature influence	≤1%
Ambient conditions:	
Ambient temperature	-25 to + 55 °C (complies with IEC 68-1)
Storage temperature	-25 to +70 °C
Relative humidity	15% to 85% (according to IEC 60721-3-3 class 3K3)
Pollution degree	2, when built-in 3 (according to IEC 60664-1)
Mechanical Design:	
Housing	Made of self-extinguishing plastic, IP rating IP40
Mounting	on DIN rail TS 35 according to EN 60715
Shockproof terminal connection according to VBG 4 (PZ1 required)	IP rating IP20
Terminals:	
Terminal capacity	1 x 0.5 to 2.5 mm ² with/without multicore cable end
	2 x 0.5 to 1.5 mm ² with/without multicore cable end
	1 x 4 mm ² without multicore cable end
	2 x 2.5 mm ² flexible without multicore cable end
Tightening torque	Max 1 Nm

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Dimensions



Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Electronic remote-switch, 230V-AC, 16A		LQ540000



Order no. blue: on stock, usually ready for delivery on the day of order