Twilight switch



RB8-02



LS-01D-0.2m



LS-02D-0.2m

Applications

- Used for switching street illumination and garden lights, illumination of advertisements, shop windows, etc.

Feature

- Serves to control lights on the basis of ambient light intensity.
- Level of ambient intensity is monitored by an external sensor and output is switched according to set level on the device.
- Control input for additional control.
- Universal supply AC 110V- 240 V.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

Model and connotation

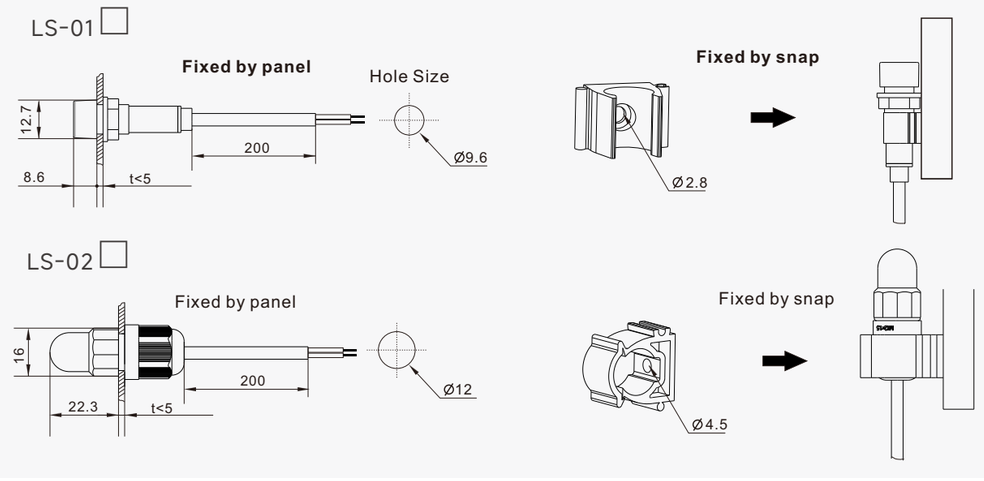
RB8 – 02 / □

- Sensor type: A: LS-01D-0.2m; B: LS-02D-0.2m
- Design number
- RB8 Series

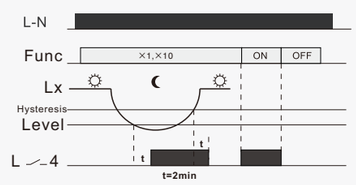
Technical parameters

	RB8-02
Function	Twilight switch
Supply terminals	L-N
Rated supply voltage	AC110V-240V
Rated supply frequency	50-60Hz
Burden	max .2VA
Supply voltage tolerance	-15%;+10%
Illumination rang	1-1000Lx,10-10000Lx
Function	ON-x1-x10-OFF
Supply indication	Green LED
Tolerance sensor	±35%
Delay time	2min
Output	1xSPST
Current rating	16A/AC1
Switching voltage	250VAC/24VDC
Min.breaking capacity DC	500mW
Output indication	Red LED
Mechanical life	$1x10^7$
Electrical life(AC1)	$1x10^5$
Operating temperature	-20°C to +55°C (-4°F to 131°F)
Storage temperature	-35°C to +75°C (-22°F to 158°F)
Mounting/DiN rail	Din rail EN/IEC 60715
Protection degree	IP40 for front panel/IP20 terminals
Operating position	any
Overvoltage category	III
Pollution degree	2
Max.cable size(mm^2)	solid wire max.1×2.5or 2×1.5/with sleeve max.1×2.5(AWG 12)
Dimensions	90x 18x 64mm
Weight	65g
Standards	EN 60255-1

Sensor

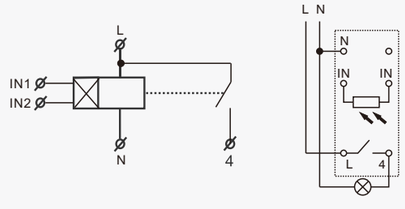


Functions Diagram

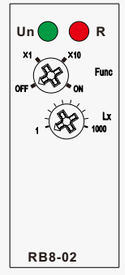


Example

Wiring Diagram



Panel Diagram



Dimensions(mm)

