

Type	Design	Power supply	Output contact	Other				Designation	Page of catalogue
				LED indication	Display	Internal sensor	External sensor		
SOU-1	1M-DIN	AC 230 V/50-60 Hz	1x 16 A changeover	●	x	x	●	Is used to control lights on the basis of ambient light intensity	61
		AC/DC 12-240 V (AC 50-60 Hz)							
SOU-2	2M-DIN	AC 230 V/50-60 Hz	1x 8 A changeover	x	●	x	●	Is used for control of lights on the basis of ambient light intensity and real time (combination of SOU-1 and time switch clock SHT-1 in one device)	62
SOU-3	IP65	AC 230 V/50-60 Hz (AC 50-60 Hz)	1x 16 A NO-SPST	x	x	●	x	Is used as control of the device on the basis of ambient light intensity	63

Type	Design	Power supply	Output contact	Other			Designation	Page of catalogue
				LED indication	Control output	Function		
MR-41	1M-DIN	AC 230 V/50-60 Hz	1x 16 A changeover	●	●	1	Latching relays, controlled by buttons from several locations can replace three way switches or cross bar switches thanks to control by buttons (unlimited number, connected in parallel by 2 wires), installation gets more transparent and faster for mounting.	64
		AC/DC 12-240 V (AC 50-60 Hz)						
MR-42	1M-DIN	AC 230 V/50-60 Hz	2x 16 A changeover	●	●	2		64
		AC/DC 12-240 V (AC 50-60 Hz)						

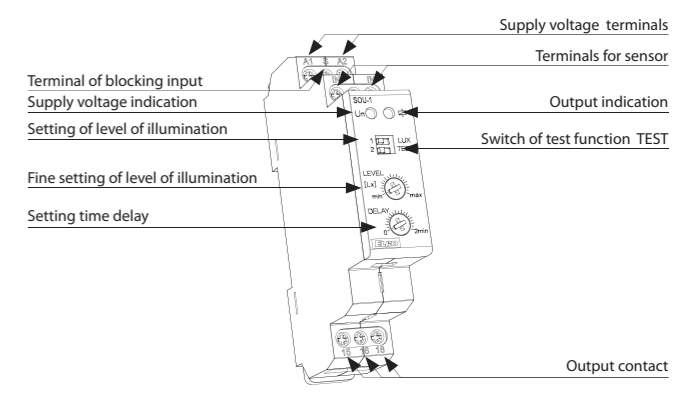


EAN code
 SOU-1/230V + SKS: 8595188121002
 SOU-1/UNI + SKS: 8595188121019
 Photosensor SKS: 8594030337288

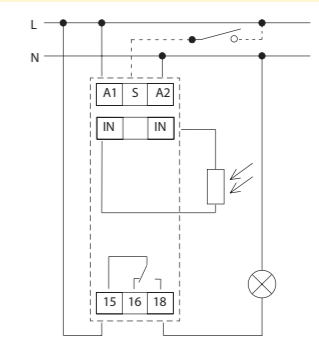
Technical parameters		SOU-1
Supply terminals:		A1 - A2
Voltage range:	UNI	AC/DC 12 - 240 V (AC 50 - 60 Hz)
Burden (max.):		AC 0.7 - 3 VA / DC 0.5 - 1.7 W
Voltage range:	230	AC 230 V / 50 - 60 Hz
Power input (apparent/loss):		AC max. 12 VA / 1.8 W
Max. dissipated power (Un + terminals):		3.5 W
Supply voltage tolerance:		-15 %; +10 %
Supply indication:		green LED
Time delay:		0 - 2 min
Time delay setting:		potentiometer
Illumination rang 1):		1 - 100 lx
Illumination rang 2):		100 - 50000 lx
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		
Power the control input:		0.8 - 530 mVA
Load between S-A2:		Yes
Control. terminals:		A1-S
Glow tubes connctions:		230 V - Yes / UNI - No
Max. amount of glow lamps connected to controlling input:		UNI - glow lamps cannot be connected, 230 V - max. amount 20 pcs (measured with glow lamp 0.68 mA / 230 V AC)
Impulse length:		min. 25 ms / max. unlimited
Reset time:		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
Sensor cable length:		max. 50 m (standard wire)
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 of the sensor SKS:		66 x Ø 23.5 mm (2.6" x Ø 0.9")
Weight of sensor SKS:		15 g (0.5 oz.)
Dimensions:		90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")
Weight:		(UNI) - 76 g (2.7 oz.), (230) - 73 g (2.6 oz.)
Standards:		EN 60255-6, EN 61010-1

- Is used to control lights on the basis of ambient light intensity.
- Used for switching street illumination and garden lights, illumination of advertisements, shop windows, etc.
- 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, e.g. time switch, preswitch etc.
- Level of illumination adjustable in two ranges:
 - 1 - 100 lx and 100 - 50000 lx.
- Adjustable time delay to eliminate short term fluctuation in illumination.
- External sensor IP44 suitable for mounting on the wall (cover and holder of a sensor are a part of the package).
- Supply voltage AC 230 V or AC/DC 12 - 240 V.
- Output contact: 1x changeover/ SPDT 16 A.
- Red LED output indication.
- 1-MODULE, DIN rail mounting.

Description

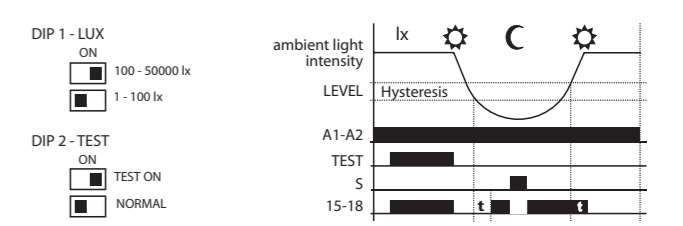


Connection

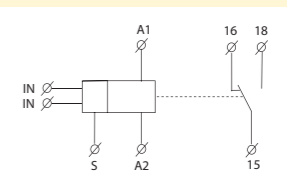


Description of DIP switch

Function



Symbol



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