



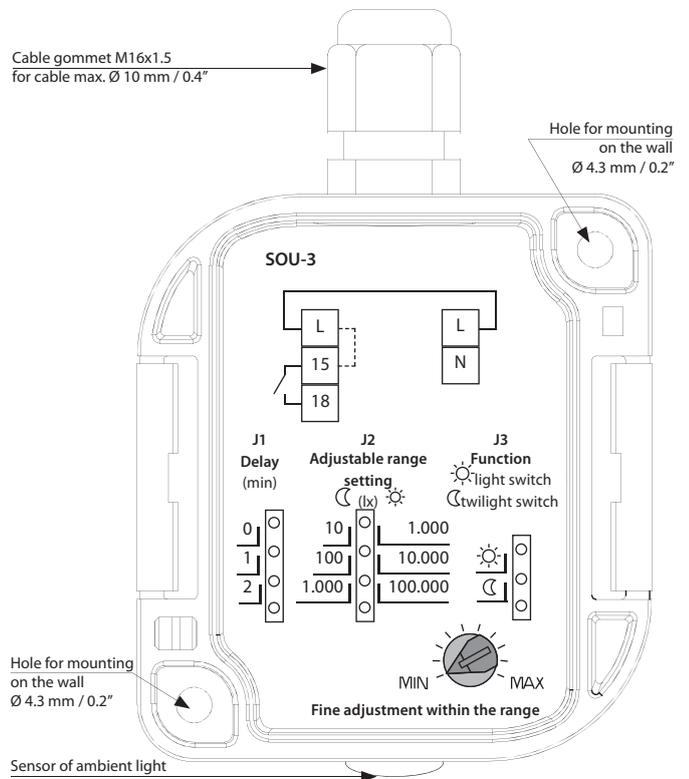
EAN code  
SOU-3 / 230 V: 8595188140560

Technical parameters		SOU-3
<b>Supply</b>		
Supply terminals:	L - N	
Voltage range:	AC 230 V / 50 - 60 Hz	
Tolerance of voltage range:	- 15 % .. +10 %	
Input (apparent/loss):	max 6 VA / 0.7 W	
<b>Setting the scale level of lighting</b>	by jumper J2	
Function ☾ (twilight switch)		
- range 1:	1 ... 10 lx	
- range 2:	10 ... 100 lx	
- range 3:	100 ... 1.000 lx	
Function ☀ (light switch)		
- range 1:	100 ... 1 000 lx	
- range 2:	1 000 ... 10 000 lx	
- range 3:	10 000 ... 100 000 lx	
Setting function	by jumper J3	
Level of light-slight:	0.1 ... 1 x range	
Slight setting of light level:	potentiometer	
Time delay t:	0 / 1 min. / 2 min.	
Delay setting t:	by jumper J1	
<b>Output</b>		
Output contact:	1x NO- SPST (AgSnO <sub>2</sub> )	
Current rating:	12 A / AC1	
Switching output:	3000 VA / AC1, 384 W / DC	
Peak current:	30 A / < 3 s	
Switched voltage:	250 V AC / 24 V DC	
Mechanical life:	3 x 10 <sup>7</sup>	
Electrical life:	0.7 x 10 <sup>5</sup>	
<b>Other information</b>		
Operation temperature:	-30 °C to +60 °C (-22 °F to 140 °F)	
Storing temperature:	-30 °C to +70 °C (-22 °F to 158 °F)	
Electrical strength:	4 kV (supply-output)	
Operation position:	sensor-side down or on the sides	
Protection degree:	IP 65	
Overvoltage category:	III.	
Pollution level:	2	
Max. cable size (mm <sup>2</sup> ):	max. 1x 2.5, max. 2x 1.5 / with sleeve max. 1x 2.5 (AWG 12)	
Suggested power-supply cable:	CYKY 3x 2.5 (CYKY 4x 1.5)	
Dimensions:	96 x 62 x 34 mm (3.8" x 2.4" x 1.3")	
Weight:	122 g (4.3 oz.)	
Standards:	EN 60255-6, 61010-1	

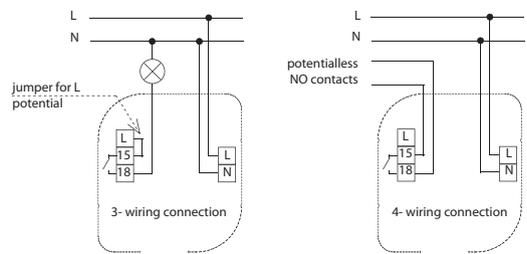
Device is standardly supplied with jumper L-15 (3-wire connection). For the correct function of device is necessary sensor-side down device mounting.

- Is used as control of the device on the basis of ambient light intensity.
- External version in IP65, box for mounting on the wall, front cover removable without screws.
- Built in high resolution light sensor.
- Two devices in one, function is set by jumper:
  - twilight switch – contact closes by decreasing of ambient light intensity, and opens by its increasing.
  - light switch – contact closes by increasing ambient light intensity, and opens by decreasing light intensity. Used for switching of devices by reaching of pre-set ambient light level, usually sun shine (pulling down the shutters or blinds, activation of solar panels).
- 3 adjustable (by jumper) ranges of light level.
- 3 adjustable levels of time delay (for elimination of short-term fluctuations of light intensity – for short increases in light intensity).
- Supply voltage 230 V AC.
- Potential-free output contact 12 A / AC1 switching.

**Description**



**Connection**



**Function**

