



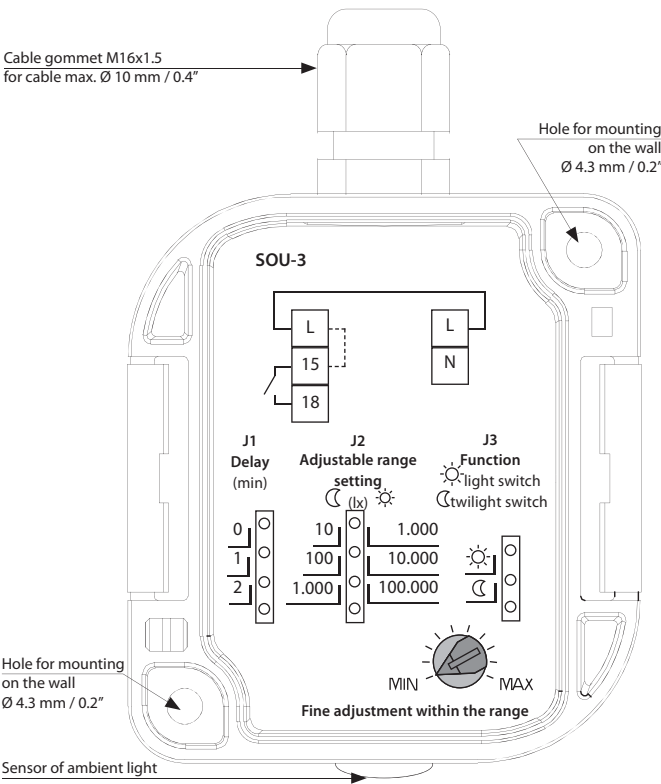
EAN code
SOU-3 / 230 V: 8595188140560

| Technical parameters | | SOU-3 |
|-------------------------------------|--|--------------|
| Supply | | |
| 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 | |
| Setting the scale level of lighting | | 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: | potenciometer | |
| Time delay t: | 0 / 1 min. / 2 min. | |
| Delay setting t: | by jumper J1 | |
| Output | | |
| Output contact: | 1x NO- SPST (AgSnO ₂) | |
| 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 ⁷ | |
| Electrical life: | 0.7 x 10 ⁵ | |
| Other information | | |
| 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 (mm²): | 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 | |

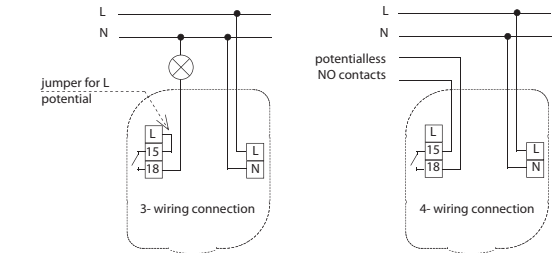
Device is standardly supplied with jumper L-15 (3-wire connection).
For the correct function of device is necessary sensor-side down device mounting.

- 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

