SOU-2 | Twilight switch with digital time switch clock

SKS

EAN code
SOU-2 + SKS: 8595188130523
SOU-2: 8595188121644
Photosensor SKS: 8594030337288

Technical parameters	SOU-2
Supply terminals:	A1 - A2
Voltage range:	AC 230 V / 50 - 60 Hz
Burden:	max. 4 VA
Voltage range:	-15 %; +10 %
Back-up supply:	yes
Type of backup battery:	CR 2032 (3V)
Summer / winter time:	automatic
Output	
Number of contacts:	1x changeover / SPDT ($AgSnO_2$)
Current rating:	8 A / AC1
Breaking capacity:	2000 VA / AC1, 240 W / DC
Switching voltage:	250 V AC1 / 30 V DC
Mechanical life:	$1x10^7$
Electrical life (AC1):	$1x10^5$
Time circuit	
Power back-up:	3 years
Accuracy:	max. ±1 s day (23 °C / 73.4 °F)
Minimum interval:	1 min
Data stored for:	min. 10 years
Program circuit	
Illumination range:	10-50000 lx
Program place number:	100
Program period:	daily, weekly, yearly
Data readout:	LCD display, illuminated by back up
Other information	
Operating temperature:	-10 °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:	IP 40 from front panel / IP 20 terminals
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 1.5 (AWG 12)
Dimensions:	90 x 35.6 x 64 mm (3.5˝ x 1.4˝ x 2.5˝)
Weight:	127 g (4.48 oz.)
Dimensions of the sensor SKS:	66 x Ø 23.5 mm (2.6" x Ø 0.9")
Weight of sensor SKS:	20 g (0.7 oz.)
Standards:	EN 61812-1, EN 61010-1, EN 60255-6; EN 60730-1; EN 60730-2-7

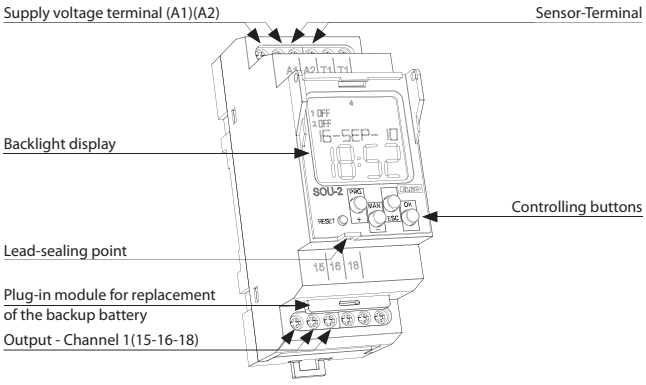
Plug-in module

with battery backup

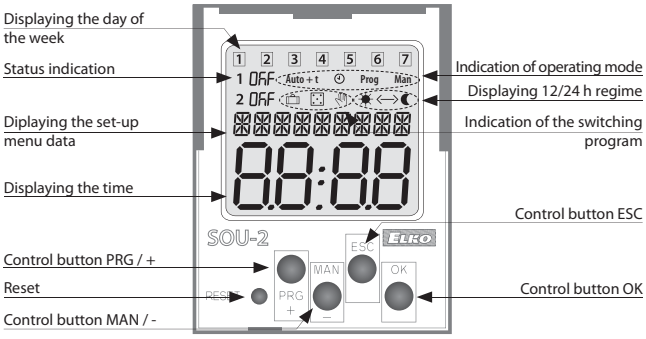
without battery backup

- 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).
- Time clock can override the light sensor for applications when lights are not required.
- Adjustable light intensity 10-50000 lx.
- Function „random switching“ enables simulation of presence in a house when nobody is at home.
- Switching: according to a program (AUTO) / permanently manual / random (CUBE).
- External sensor IP44 issuitable for mounting on the wall / in panel (cover and sensors are part of delivery).
- Sealable transparent cover of front panel.
- Backup of data and time by battery (reserve battery up to 3 years).
- Easy replacement of backup battery with plug-in module located on front panelof device (no disassembly required).
- 2-MODULE, DIN rail mounting .

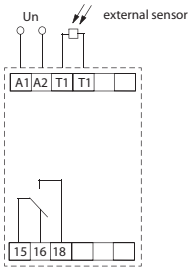
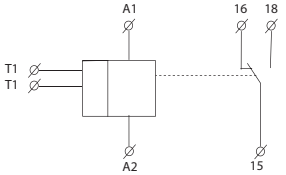
Description



Description of visual elements on the display



Connection



Symbol