

# Twilight switch SOU-2 with digital time switch clock

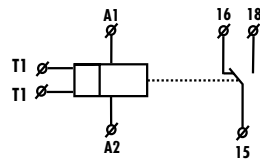
2M



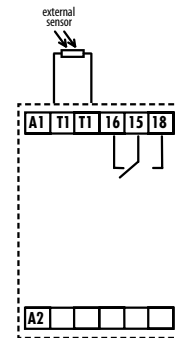
- serves for control of lights on the basis of ambient light intensity and real time (combination of SOU-1 and time switch clock SHT-1 in one device)
- advantage of real time is in blocking function of a twilight switch in case lights are not economical to be on (night hours, weekends, etc.)
- adjustable light intensity 1-50000 lx
- function of random switching enables simulation of people in a building switching: according to a program (AUTO) / permanently manual / random (CUBE)
- external sensor IP56 issuitable for mounting on the wall/ in panel ( cover and sensors are part of delivery)
- 2-MODULE, DIN rail mounting

Technical parameters	SOU-2
Supply terminals:	A1 - A2
Supply voltage:	AC 230 V / 50 - 60 Hz
Consumption:	AC max. 14 VA / 2 W
Supply voltage:	-15 %; +10 %
Back-up supply:	yes
Summer/winter time:	automatic
<b>Output</b>	
Number of contacts:	1x changeover (AgNi)
Rated current:	8 A / AC1
Breaking capacity:	2500 VA / AC1, 240 W / DC
Switching voltage:	250 V AC1 / 24 V DC
Min. breaking capacity DC:	500 mW
Mechanical life:	> 3x10 <sup>7</sup>
Electrical life (AC1):	> 0.7x10 <sup>5</sup>
<b>Time circuit</b>	
Power back-up:	3 years
Accuracy:	max. ±1 s day (23 °C)
Minimum interval:	1 min
Data stored for:	min. 10 years
Program circuit	
Illumination range:	1-50000 Lx
Program place number:	100
Program period:	daily, weekly
Data readout:	LCD display, illuminated by back up
<b>Other information</b>	
Operating temperature:	-20.. +55 °C
Storage temperature:	-30.. +70 °C
Electrical strength:	4 kV (supply - output)
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP 20
Overvoltage category:	III.
Pollution degree:	2
Max. cable size (mm <sup>2</sup> ):	solid wire max. 1x 2.5 or 2x1.5 with sleeve max. 1x1.5
Dimensions:	90 x 35.6 x 64 mm, see page 90-92
Weight:	110 g
Weight sensor:	20 g
Standards:	EN 61812-1, EN 61010-1, EN 60255-6

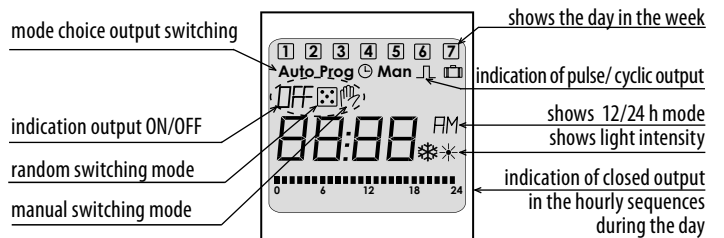
## Symbol



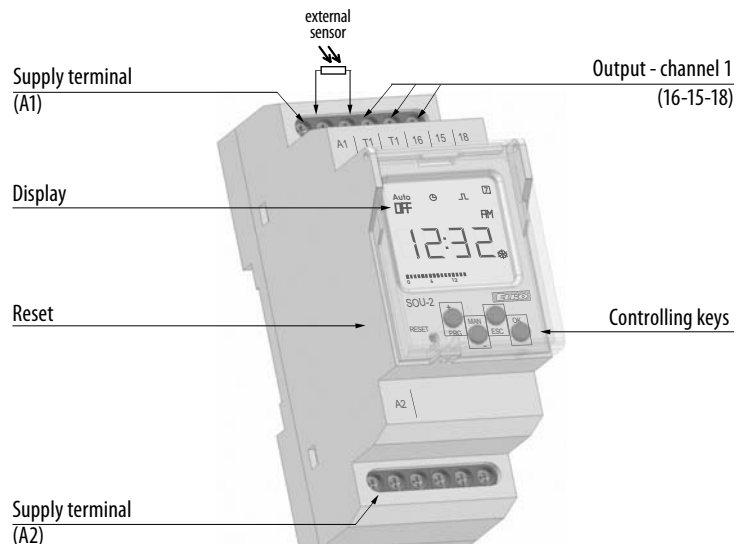
## Connection



## Description of visual elements on the display



## Description



## Accessories:

external sensor suitable for mounting on the wall/ in panel



Resistance of sensor at:	Value:
1 Lx	843 KΩ
100 Lx	575 KΩ
10 000 Lx	81,86 Ω