

Technical Data

Time switch ASTROCLOCK-2

New!

Technical data	
Rated voltage As indicated in the device	230V~ /50-60Hz
Tolerance	± 10%
No. of output contacts	2
Rated current/switching voltage	2x 16A / 250V~
Maximum recommended loads (N.A)	See Electrical scheme and parameters
Consumption	16 VA (1,3 W)
Display	back-lit liquid crystal display
Accuracy	± 1 s / day at 23 °C
Accuracy variation	with temperature ± 0.15 s / °C / 24 h
Power reserve	10 years (without connection to mains), 48 h (without battery and without connection to mains)
Software class and structure	Class A
Memory spaces	40
Types of manoeuvres	SUNRISE, SUNSET, FIXED TIME: ON/OFF, REDUC.
Astronomical adjustment	Daily
Operating temperature	-10 °C ... +45 °C
Transport and storage temperature	-20 °C ... +60 °C
Pollution degree	2
Protection level	IP 20 (EN60529)
Overvoltage category	Class II under correct mounting conditions
Transient impulse voltage	2.5 kV
Keyboard access cover	Sealable
Connection	With screw terminal for section conductors of 4mm ² maximum section
Battery	½ AA – 3.6 V – 1000 mAh – Li/SOCl ₂
Size	2 DIN modules (35 mm)

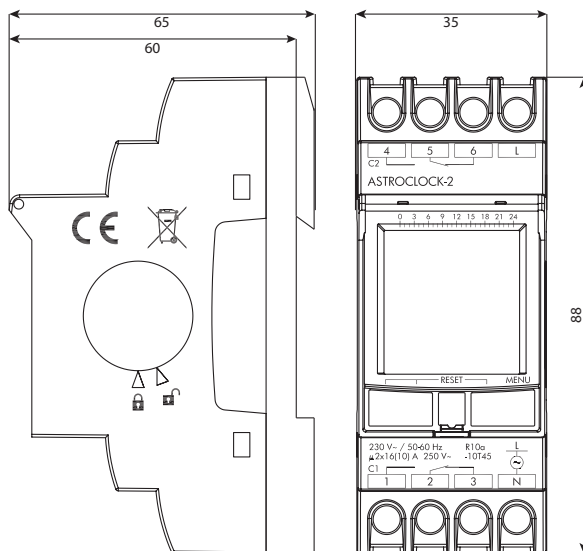
Description

The ASTROCLOCK-2 is a time switch designed to control luminous loads in function of dawn and dusk times. It includes a program that automatically adjusts the dawn lighting-up and dusk switching-off times, without sensors and any need for maintenance. The geographic position location is set up by entering geographic coordinates of location where operating or with selecting nearest city from built in list. This product successfully replaces twilight switches with dusk(light) sensor (photo cell). Its small size of only two modules makes it ideal for installation on distribution boards with little available space. The unit includes 40 memory spaces in two independent circuits that can be programmed in an astronomical or with fixed time operation or combination.

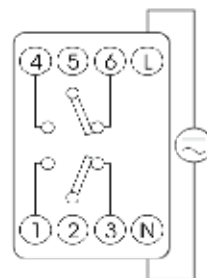
Advantages

- 2 module – DIN rail mounting.
 - Supply voltage: 230V 50/60 Hz.
 - Two independent programmable output contacts 2x 16A (AC1).
 - 40 daily and weekly programs with astronomical or fixed-time manoeuvres.
 - Daily astronomical adjustment with offset possibility(±delay).
 - Option of automatic switching between summer and winter time.
 - Backup power supply:
- Interchangeable lithium battery(included).
 - High-contrast backlit display.
 - Menu languages: English, Slovenian, HR/SRB/BiH, Polish, Lithuanian, Latvian, Estonian, Russian.
 - Countries with biggest cities directly supported: Poland, Slovenia, Estonia, Lithuania, Latvia, Russia, Ukraine, Bosnia and Herzegovina, Croatia, Macedonia, Serbia.
 - Other cities and countries supported thru entering geographic coordinates (zone latitude and longitude).

Dimensions



Electrical scheme and parameters



Incandescent	Fluorescent	Low voltage halogen (12 V AC)	Halogen (230 V AC)
3000 W	1200 VA	2000 VA	3000 W
Low consumption lamps	Downlights	LED	
600 VA	400 VA	90 VA	