



DATA SHEET

Astro Log

electronic clocks with sunrise and sunset times.

Article number 09800036



[Internetlink](#)

Function

Time switches are electronic or electromagnetic clocks that switch a contact on or off at set times. They are suitable as an aid for energy saving measures, such as switching off pumps or hot-water heaters. The Astro Log is a time switch for controlling non-inductive loads for sunrise and sunset times. The integrated program adjusts the switch-on and switch-off time automatically to the sun's course on a daily basis without required further settings.

Features

The compact size of just 2 module width units makes installation easy even in compact distribution boards. The Astro Log has two independent circuits or channels that can be freely programmed as desired for fixed times or the sun's course. program memory: 22, shortest switching time: 1 second, switching modes: on - off - sun's course, reserve power: 4 years without power supply, 2 changeover contacts 16 (10) A/250 V AC, operating voltage: 230 V AC, module width just 2 units (35 mm), protection class IP20,

Mounting

quick fastening to mounting rail, any installation position

Applications

Time switches for time linking of any electrical consumers in private, commercial or industrial applications.

Notes

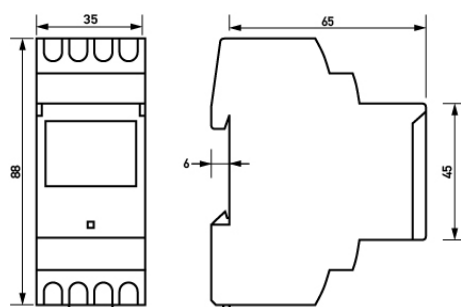
This device contains a battery that must be removed before disposing of the device and disposed of separately in suitable collection bins.

Technical Data

Technical Data	Astro Log
Series	Astro Log
Time programmes	Holiday operation, Daily repetition operation, Weekly repetition operation, Solar operation
Time switch, number of memory slots	44
Accuracy rate range	-1 s/Tag ... 1 s/Tag (at 23° C)
power reserve with battery	35000 h
Switching operation type	off, on
Switching interval	1 min ... 1 w
Operating voltage source	Battery, Mains voltage
Operating voltage (AC)	230 V
Operating frequency	50 Hz ... 60 Hz
Internal consumption	max. 1 W
	Display Menu, Output state
Type	LC display (alphanumeric)
	Load circuit
Specification	Relay
Rated voltage (AC)	250 V
Rated current (AC)	16 A
Rated frequency	50 Hz ... 60 Hz
max. Output O1 Rated power energy saving lamp	200 VA

Technical Data	Astro Log
max. Output O1 rated power glow lamps	3000 VA
max. Output O1 rated power HV halogen lamps	2500 VA
max. Output O1 Rated power low-voltage halogen lamp	1000 VA
max. Output O1 Rated power fluorescent lamp compensated	1200 VA
max. Output O1 Rated power fluorescent lamp not compensated	1200 VA
General data description	General data
Operating noise	little switching noise
Operating position	any
Ambient temperature	-10 °C ... 45 °C
Housing type	Distributor housing
Mounting type	Mounting rail
Housing material	Polycarbonate (PC)
Protection class	IP20
sealable	true
Width	32 mm
Height	90 mm
Depth	66 mm
Installation depth	60 mm
Width (modules)	2
Design requirements/Standards	EN 60529, EN 60335-1
Protection class according to EN 60335	II

Dimensions



Wiring example

