

**Warning**

Electric shock if live parts are touched!  
An electric shock can lead to death!

Isolate all connection cables before working on the device and cover any live parts in the area!

- Break out one of the pre-punched cable entries ⑩ on the bottom/rear side of the housing base ⑪.
- Push the connection cables through the rubber seal (not included) and plug the seal into the broken out cable entry ⑩.
- Attach the timer housing base ⑪ to the adaptor plate ⑫ and secure to surface using screws provided.
- Fasten the housing base ⑪ to the installation surface with two screws (not in scope of delivery).
- Connect according to the wiring diagram.
- Screw the module ⑬ to the base ⑪ and attach the cover ⑭, 4 ring screws supplied.
- Switch on circuit breaker.

**Important information**

When the voltage is applied, the quartz workings only start after a few minutes.

The full battery power reserve is only achieved after 2 days.

**Settings**

- Current time: Turn the switching disk ① in a clockwise direction until the marking ② (arrow) and the printed hour hand ③ display the current hour.
- Then, turn the minute hand ④ in a clockwise direction with your finger until the current time ⑤ has been set.
- Define the switching times by radially pulling out (ON) or pushing in (OFF) the switching segments ⑥.
- Selecting the operating mode ⑦  
 ⊕ = Auto,  
 1 = Continuous ON,  
 0 = Continuous OFF

**Technical data**

Operating voltage: 110 V ... 230 V ~ ± 10 %

Frequency: 50–60 Hz

Cycle: 24 hours

Shortest switching time: 15 minutes

Power consumption: max. 0.7 W

Switching capacity: 16 A, 250 V~, AC1

Inductive load: 9 A, 250 V~, cos φ = 0.8

Switching capacity min.: 24 V~, 100 mA

LED lamps:

≤ 2 W (25 W)

> 2 W (70 W)

Incandescent/halogen lamps: 1600 W

Fluorescent lamps:

uncompensated: 460 VA

Cable cross-section:

at 10 A 2 x 1.5 mm<sup>2</sup>

at 16 A 2 x 2.5 mm<sup>2</sup>

Miniature circuit breaker: 10 A/16 A

Contact: change-over contact

Power reserve: 72 h

Opening width: < 3 mm (μ)

Accuracy: ± 1.5 s/day at +20 °C

Protection rating: IP 20, with seal and cover IP 41

Protection class: II

Operating temperature (at 16 A): -20 °C ... +50 °C

Storage temperature: -25 °C ... +60 °C

Rated impulse withstand voltage: 4 kV

Pollution degree: 2

Operating altitude: < 2000 m

Mode of operation: 1 BSTU



Correct disposal of this product  
(Waste Electrical & Electronic  
Equipment)

(Applicable in the European Union and other European countries with separate collection systems).

The identification shown on the product or its documentation indicates that it should not be disposed of with other household waste at the end of its working life.

To prevent possible harm to the environment or human health, please dispose of this device separately from other types of waste. This helps you to promote sustainable reuse of material resources.

Private consumers are asked to contact the dealer from whom they purchased the product, or their local administration, to obtain information on how to dispose the product in an environmentally-friendly manner.

Commercial consumers are asked to contact their suppliers and to check the general terms and conditions of business of the purchasing agreement.

This product should not be mixed with other commercial waste for disposal.

**Safety instructions**

Assembly and installation should only be carried out by a qualified electrician, somebody who has completed appropriate professional training and has the knowledge and experience necessary to be able to recognise and avoid the potential dangers posed by electricity.



Before assembly/dismounting, disconnect the power supply and ensure that the parts are no longer live.



Prior to assembly/installation and commissioning, and before using the product, read the operating instructions.

Failure to comply with these installation instructions may result in damage to the device, fire or other hazards.

These instructions are an integral component of the product and must be retained for the end user.

**Description**

Analogue 24 h timer, 16 A with 72 h reserve  
1 channel

Suitable uses for heating

For lighting, ventilators, fountains, advertising or similar applications

For use in closed, dry interior areas or weather-proof and moisture-protected exterior areas

Installation on a flat substrate (wall)

Switching of any phase conductor is permitted, switching of SELV is not permitted

As an immersion timer, if used for lighting a contactor is required

**Design and layout for the device (fig. 1)**

- ① Marking for setting the current hour (opposite)
- ② Clock face indicating current time
- ③ Hands for minutes and hours
- ④ Switching disc to display the switching times
- ⑤ Switching segments, each 15'
- ⑥ Switch for operating mode:  
 ⊕ = Auto/  
 1 = Continuous ON/  
 0 = Continuous OFF
- ⑦ Neon indicator
- ⑧ Time switch module
- ⑨ Transparent cover
- ⑩ Housing base
- ⑪ Universal wall plate / adaptor
- ⑫ Cable entry

**Installation and electrical connection**

Remove the transparent cover ⑧.

Remove the time switch module ⑧ from housing base ⑩: