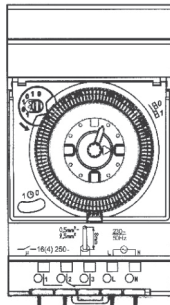
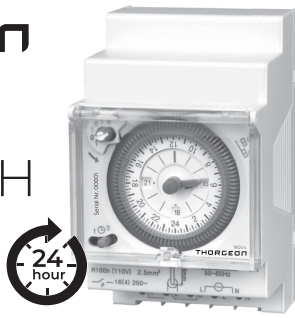


# THORGEON

TIMERS

## ANALOGUE TIME SWITCH

18004



- EN** Analogue time switch 24 h
- DE** Analog-Zeitschaltuhr 24 h
- FR** Minuterie analogique 24 h
- IT** Interruttore orario analogico 24 h
- ES** Reloj programador analógico 24 h
- PT** Relógio temporizador analógico 24 h
- NL** Analoge schakelklok 24 h

- A** 16
- 110/230V
- 2** CHANNEL
- DIN
- 150h
- IP20

### ENGLISH

#### Basic safety instructions

#### WARNUNG

#### Danger of death through electric shock or fire!

Installation should only be carried out by a qualified electrician!

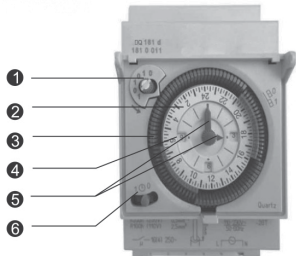
#### Designated use

- The time switch can be used for lighting, ventilation, fountains, advertising hoardings etc.
- Only for use in closed, dry rooms
- Installation on DIN top hat rail (in accordance with DIN EN 60715)

#### Disposal

- Dispose of device in environmentally sound manner

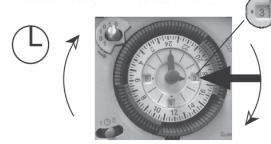
#### Description



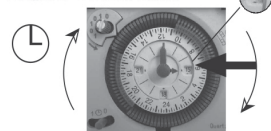
1. Pre-selected manual settings for temporal use
2. Program timing disc. Use at least two switching segments at each activation
3. Switching segments (1 = 15 mins)
4. Morning/afternoon (AM/PM) time display
5. Hand for setting time (hours and minutes) can be adjusted **anti-clockwise** and clockwise; turn minute hand firmly to left
6. Three way switch: Permanent ON — AUTO — Permanent OFF

#### Set time

e.g. 3:00 (morning)

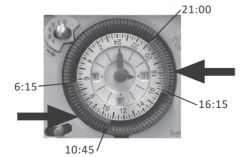


e.g. 15:00 (afternoon)



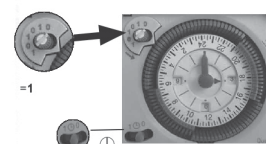
#### Set switching times

e.g. 6:15–10:45; 16:15–21:00 ON



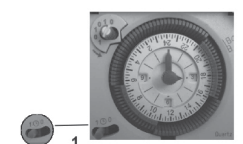
#### Set manual operation/ switching pre-selection

in advance 3:00 ON (= 1)



The time switch operates the set switching times, i.e. it returns to program.

#### Set 1 – 0 permanent switching



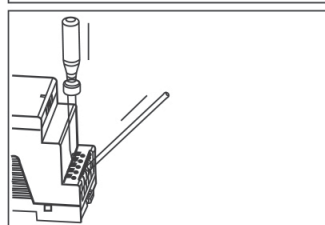
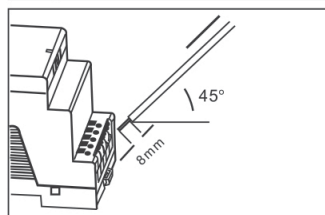
Program is not operated.  
1 = Permanent ON  
0 = Permanent OFF

#### Connection/Installation



**WARNING**

- Warning, danger of death through electric shock!
- Must be installed by qualified electrician!
- Disconnect power source! Cover or shield any adjacent live components.
- Ensure device cannot be switched on!
- Check power supply is connected!
- Earth and bypass!
- Quartz movement only starts in a few minutes after power is switched on.
- Full power reserve is achieved after approx. 5 days.



#### Technical Data

- Operating voltage: 110-230 V~, 50-60 Hz
- Power consumption: max. 1 VA
- Switching contact: potenzialfrei (not for SELV/PELV)
- Contact: two-way switch
- Gap: <3 mm (μ)
- Gap: <3 mm (μ)
- Contact material: Ag
- Switching capacity: 16 A, 250 V~, cos φ = 1  
4A, 250 V~, cos φ = 0,6
- Incandescent lamp load: 1100 W
- Fluorescent lamp load: parallel-corrected  
2 x 40 W (4,7μF)
- Perm. ambient temperature: -20 °C... +55 °C
- Protection class: II in acc. with EN 60730-1 for designated installation
- Protection rating: IP 20 in acc. with EN 60529
- Time accuracy: ≤ ±1 s/s day at +20 °C
- Power reserve: R 200 h (230 V), R100 h (110V)
- Pollution degree: 2
- Type: 1 BSTU