TR 609 top2 S | Article number: 6090101

## Description



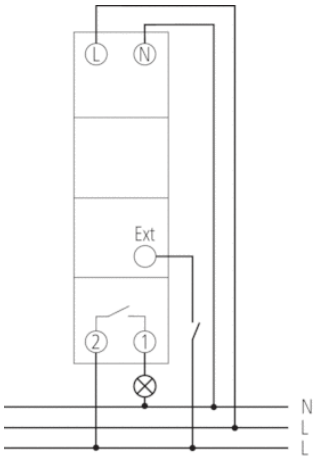

- Digital time switch with weekly program
- 1 channel
- 84 memory locations
- External input
  - Connectable sensors (external selector switch, sequence timer)
  - Connectable switches (ON or OFF permanent switching)
- Pulse program
- Cycle program
- Timer countdown
- 2 random programs
- DuoFix spring terminals
  - For 2 conductors each
  - Wire or strand (with or without wire end sleeve)
  - Wire diameter: 0.5 - 2.5 mm²
  - Button for releasing plug-in connection
- Text-oriented user guidance in display
  - Preset date and time
  - fully operable without mains connection
- Interface for OBELISK top2 memory card (PC programming)
  - 2. insertable switching program
  - Copying programs
  - Storing programs
- 10 year power reserve (lithium battery)
- ON-OFF switching times
- Switching preselection
- Permanent switching ON/OFF
- Integrated operating hour counter
  - Reset option
  - Service function for monitoring maintenance intervals
- Holiday program
- Permanent switching ON/OFF
- PIN coding
- Automatic summer/winter time changeover
  - can be deactivated
  - Date rule options are already stored for Europe, the USA and other countries
  - own date rule options or changeover around set dates are available

## Technical data

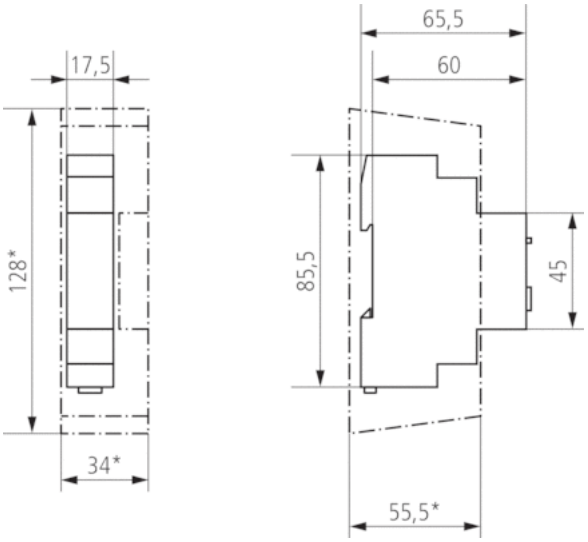
| | |
|---|---|
| Operating voltage | 230 – 240 V AC |
| Frequency | 50 – 60 Hz |
| Width | 1 modules |
| Installation type | DIN rail |
| Type of contact | NO contact |
| Switching output | Phase-independent |
| Opening width | < 3 mm (μ) |
| Program | Weekly program |
| Number of channels | 1 |
| External inputs | 1 |
| Number of memory locations | 84 |
| Power reserve | 10 years |
| Switching capacity at 250 V AC, cos φ = 1 | 16 A |

| | |
|---|---|
| Switching capacity at 250 V AC, cos φ = 0,6 | 4 A |
| Incandescent/halogen lamp load 230 V | 2000 W |
| Energy saving lamps 230 V | 300 W |
| LED lamp < 2 W | 55 W |
| LED lamp 2-8 W | 180 W |
| LED lamp > 8 W | 200 W |
| Fluorescent lamp load (conventional) not corrected | 2000 VA |
| Fluorescent lamp load (conventional) series-corrected | 2000 VA |
| Fluorescent lamp load (conventional) parallel-corrected | 1300 W 140 µF |
| Switching capacity min. | ~10 mA |
| Shortest switching times | 1 s |
| Time accuracy at 25 °C | typical ± 0,25 s/day (quartz) |
| Time basis | Quartz |
| Stand-by consumption | ~0,4 W |
| Capacity loss max. | 1,2 W |
| Memory card supplied | – |
| Test approval | VDE |
| Type of connection | DuoFix spring terminals |
| Keyboards | 4 touch buttons, 1 reset button |
| Housing and insulation material | High-temperature resistant, self-extinguishing thermoplastic |
| Type of protection | IP 20 |
| Protection class | II according to EN 60 730-1 |
| Ambient temperature | -25 °C … +55 °C |

## Connection example



## Scale drawings




## Accessories

### Wall mounting kit 17,5 mm

- Article number: 9070065
  Details ▸ www.theben.de



### PC set OBELISK top2

- Article number: 9070409
  Details ▸ www.theben.de



### Memory card OBELISK top2

- Article number: 9070404
  Details ▸ www.theben.de

