TR 610 top2 24V | Article number: 6104100

## Description



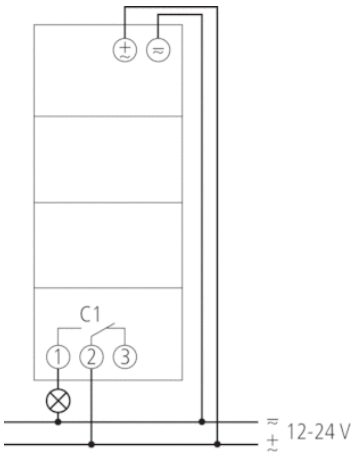

- Digital time switch with weekly program
- 1 channel
- DuoFix spring terminals
  - For 2 conductors each
  - Wire or strand (with or without wire end sleeve)
  - Wire diameter: 0.5 - 2.5 mm²
  - Button for releasing plug-in connection
- Text-oriented user guidance in display
  - Preset date and time
  - fully operable without mains connection
- 56 memory locations
- Interface for OBELISK top2 memory card (PC programming)
  - 2. insertable switching program
  - Copying programs
  - Storing programs
- 10 year power reserve (lithium battery)
- Zero-cross switching for relay-saving switching and high lamp loads (not with 24 V devices)
- ON-OFF switching times
- Switching preselection
- Permanent switching ON/OFF
- Integrated operating hour counter
  - Reset option
  - Service function for monitoring maintenance intervals
- Holiday program
- Display back light (can be turned off)
- 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

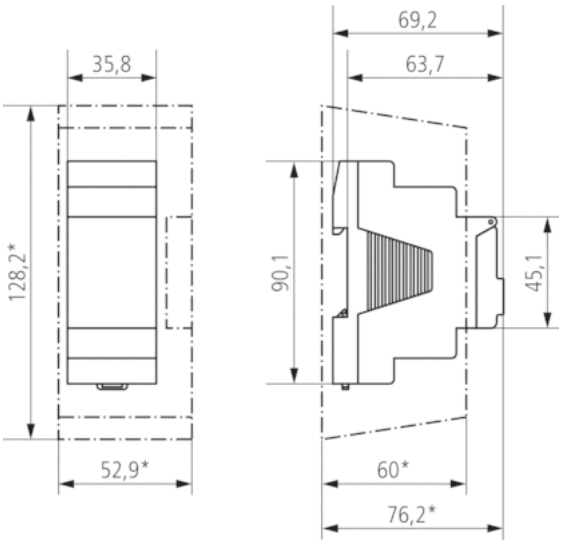
| | |
|---|---|
| Operating voltage | 12 – 24 V UC |
| Frequency | 50 – 60 Hz |
| Width | 2 modules |
| Installation type | DIN rail |
| Type of contact | Changeover contact |
| Switching output | Phase-independent |
| Opening width | < 3 mm |
| Program | Weekly program |
| Program functions | ON-OFF |
| Number of channels | 1 |
| Number of memory locations | 56 |
| 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 | 2 A |
| Incandescent/halogen lamp load 230 V | 1400 W |
| Energy saving lamps 230 V | 30 W |

| | |
|---|---|
| LED lamp < 2 W | 6 W |
| LED lamp 2-8 W | 20 W |
| LED lamp > 8 W | 25 W |
| Switching capacity min. | ca. 10 mA |
| Shortest switching times | 1 min |
| Time accuracy at 25 °C | typical ± 0,25 s/day (quartz) |
| Time basis | Quartz |
| Stand-by consumption | ~0,3 W |
| Memory card supplied | – |
| Type of connection | DuoFix spring terminals |
| Keyboards | 4 touch buttons |
| 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 | -30 °C … +55 °C |

## Connection example




## Scale drawings



## Accessories

### Wall mounting kit 35 mm

- Article number: 9070064
  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




### Front panel kit

- Article number: 9070001
  Details ▸ www.theben.de

