

TR 610 top3

Item no.: 6100130

theben

Time and light control Digital time switches

Description

- Digital time switch with weekly program
- 1 channel
- Programming by app possible
- Safe transfer via optional Bluetooth Low Energy OBELISK top3
- Maximum manipulation security, time switch programs can only be transferred from the app to the time switch when the Bluetooth OBELISK top3 is plugged into the time switch
- 100 % compatible with top2
- ReShape: Made from high-quality, recycled industrial plastic. Increases the product's sustainability without compromising quality (85% CO2 reduction).
- 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



Subject to technical changes and misprints

additional information at: www.theben.de/product/6100130

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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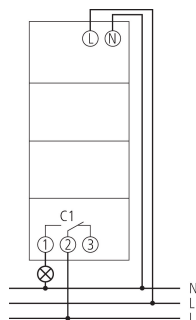
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Technical data

| TR 610 top3 | |
|--|--------------------|
| Operating voltage | 230 V AC |
| 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, $\cos \varphi = 1$ | 16 A |
| Switching capacity at 250 V AC, $\cos \varphi = 0,6$ | 10 A |
| Incandescent/halogen lamp load | 2600 W |
| Energy saving lamps | 1100 W |
| LED lamp < 2 W | 50 W |
| LED lamp 2-8 W | 600 W |
| LED lamp > 8 W | 600 W |

| TR 610 top3 | |
|---|--|
| Fluorescent lamp load (conventional) not corrected | 2600 VA |
| Fluorescent lamp load (conventional) series-corrected | 2600 VA |
| Fluorescent lamp load (conventional) parallel-corrected | 1300 VA 130 μ F |
| Inrush current | max. 800 A / 200 μ s |
| Switching capacity min. | ca. 10 mA |
| Shortest switching times | 1 min |
| Time accuracy at 25 °C | typical $\pm 0,25$ s/day (quartz) |
| Time basis | Quartz |
| Stand-by consumption | ~0.4 W |
| Type of connection | DuoFix spring terminals |
| Display | LCD |
| 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 ... 60°C |
| Predecessor | 6100100, TR 610 top2 |

Connection example



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Scale drawings



Accessories

Wall mounting kit 35 mm
Item no.: 9070064



PC set OBELISK top2/3
Item no.: 9070409



Memory card OBELISK top2
Item no.: 9070404



Front panel kit
Item no.: 9070001



Bluetooth OBELISK top3
Item no.: 9070130



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