

TR 610 top2 G

Item no.: 6100110

theben

Time and light control Digital time switches

Description

- Digital time switch with weekly program
- Special device with extra relays (gold-bonded contacts) for switching of very low loads
- 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/6100110

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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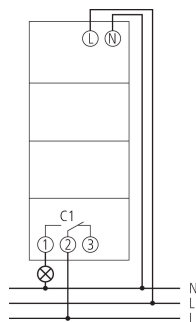
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Technical data

| TR 610 top2 G | | TR 610 top2 G | |
|--|--------------------|---------------------------------|--|
| Operating voltage | 230 - 240 V AC | LED lamp < 2 W | 6 W |
| Frequency | 50 - 60 Hz | LED lamp 2-8 W | 20 W |
| Width | 2 modules | LED lamp > 8 W | 25 W |
| Installation type | DIN rail | Switching capacity min. | <1 mA |
| Type of contact | Changeover contact | Shortest switching times | 1 min |
| Switching output | Potential-free | Time accuracy at 25 °C | typical $\pm 0,25$ s/day (quartz) |
| Opening width | < 3 mm | Time basis | Quartz |
| Program | Weekly program | Stand-by consumption | ~0.8 W |
| Program functions | ON-OFF | Memory card supplied | - |
| Number of channels | 1 | Type of connection | DuoFix spring terminals |
| Number of memory locations | 56 | Display | LCD |
| Power reserve | 10 years | Keyboards | 4 touch buttons |
| Switching capacity at 250 V AC, $\cos \varphi = 1$ | 16 A | Housing and insulation material | High-temperature resistant, self-extinguishing thermoplastic |
| Switching capacity at 250 V AC, $\cos \varphi = 0,6$ | 2 A | Type of protection | IP 20 |
| Incandescent/halogen lamp load | 1400 W | Protection class | II according to EN 60 730-1 |
| Energy saving lamps | 30 W | Ambient temperature | -30°C ... 55°C |

Connection example



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Page 2 of 3

TR 610 top2 G

Item no.: 6100110



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



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