

# TR 610 top3 12-24V

Item no.: 6104130

**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: Plastic housing (upper and lower housing sections, slider) containing 93% recycled material from industrial waste (PIR - Post Industrial Recycled)
- DuoFix spring terminals
- For 2 conductors each
- Wire or strand (with or without wire end sleeve)
- Wire diameter: 0.5 - 2.5 mm<sup>2</sup>
- 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)
- Second 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
- 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/6104130](http://www.theben.de/product/6104130)

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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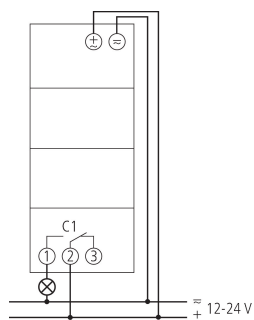
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## Technical data

| TR 610 top3 12-24V                                   |                    | TR 610 top3 12-24V              |  |
|--|--------------------|---------------------------------|--|
| Operating voltage                                    | 12 - 24 V UC       | LED lamp < 2 W                  | 6 W  |
| Frequency  | 50 - 60 Hz         | LED lamp 2-8 W                  | 20 W   |
| Width  | 2 modules          | LED lamp > 8 W                  | 20 W   |
| Installation type                                    | DIN rail           | Switching capacity min.         | ca. 10 mA  |
| Type of contact                                      | Changeover contact | Shortest switching times        | 1 min  |
| Switching output                                     | Phase-independent  | 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            | ~  |
| Program functions                                    | ON-OFF             | Type of connection              | DuoFix spring terminals                                      |
| Number of channels                                   | 1                  | Display                         | LCD  |
| Number of memory locations                           | 56                 | Keyboards                       | 4 touch buttons  |
| Power reserve  | 10 years           | Housing and insulation material | High-temperature resistant, self-extinguishing thermoplastic |
| Switching capacity at 250 V AC, $\cos \varphi = 1$   | 16 A               | Type of protection              | IP 20  |
| Switching capacity at 250 V AC, $\cos \varphi = 0,6$ | 2 A                | Protection class                | II according to EN 60 730-1                                  |
| Incandescent/halogen lamp load                       | 1400 W             | Ambient temperature             | -30°C ... 55°C   |

## Connection example



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19/05/2026

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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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