

# TR 610 top3

Item no.: 6100130

**theben**  
energy saving comfort

Time and light control  
Digital time switches

## Description

- Digital time switch with weekly program
- 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)
- 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](http://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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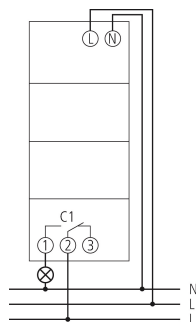
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## Technical data

| TR 610 top3                                 |                    | TR 610 top3                                             |                                                              |
|---------------------------------------------|--------------------|---------------------------------------------------------|--------------------------------------------------------------|
| Operating voltage                           | 230 V AC           | Fluorescent lamp load (conventional) not corrected      | 2600 VA                                                      |
| Frequency                                   | 50 – 60 Hz         | Fluorescent lamp load (conventional) series-corrected   | 2600 VA                                                      |
| Width                                       | 2 modules          | Fluorescent lamp load (conventional) parallel-corrected | 1300 VA 130 µF                                               |
| 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 ± 0,25 s/day (quartz)                                |
| Opening width                               | < 3 mm             | Time basis                                              | Quartz                                                       |
| Program                                     | Weekly program     | Stand-by consumption                                    | ~0.4 W                                                       |
| 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 φ = 1   | 16 A               | Type of protection                                      | IP 20                                                        |
| Switching capacity at 250 V AC, cos φ = 0,6 | 10 A               | Protection class                                        | II according to EN 60 730-1                                  |
| Incandescent/halogen lamp load              | 2600 W             | Voltage                                                 | 230 V AC                                                     |
| Energy saving lamps                         | 1100 W             | Ambient temperature                                     | -30°C ... 60°C                                               |
| LED lamp < 2 W                              | 50 W               | Predecessor                                             | 6100100, TR 610 top2                                         |
| LED lamp 2-8 W                              | 600 W              |                                                         |                                                              |
| LED lamp > 8 W                              | 600 W              |                                                         |                                                              |

## Connection example

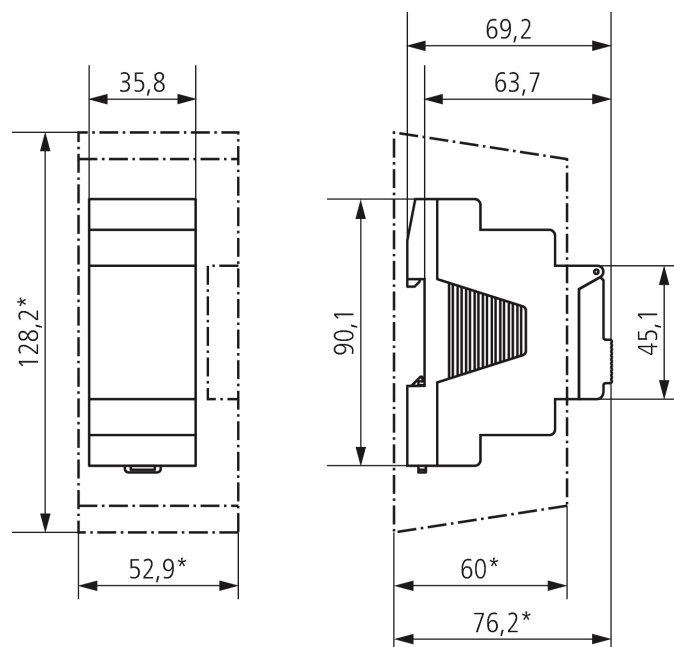


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## Scale drawings



## 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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