

# TR 608 top2 S

Item no.: 6080101

**theben**

Time and light control  
Digital time switches

## Description

- Digital time switch with weekly program
- 1 channel
- 56 memory locations
- 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
- Interface for OBELISK top2 memory card (PC programming)
- 2. 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
- 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/6080101](http://www.theben.de/product/6080101)

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

# TR 608 top2 S

Item no.: 6080101

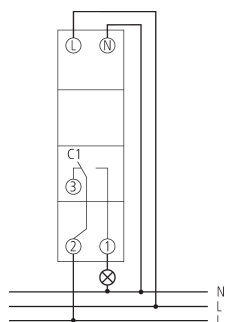
**theben**

## Technical data

TR 608 top2 S	
Operating voltage	230 - 240 V AC
Frequency	50 - 60 Hz
Width	1 modules
Installation type	DIN rail
Type of contact	Changeover contact
Switching output	Phase-independent
Opening width	< 3 mm ( $\mu$ )
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, $\cos \varphi = 0,6$	4 A
Incandescent/halogen lamp load	1000 W
Energy saving lamps	30 W
LED lamp < 2 W	6 W
LED lamp 2-8 W	60 W
LED lamp > 8 W	60 W

TR 608 top2 S	
Fluorescent lamp load (conventional) not corrected	1000 W
Fluorescent lamp load (conventional) series-corrected	1000 W
Fluorescent lamp load (conventional) parallel-corrected	80 W 12 $\mu$ F
Switching capacity min.	~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	~0.41 W
Memory card supplied	-
Type of connection	DuoFix spring terminals
Display	LCD
Keyboards	4 touch buttons, 1 reset button
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	-25°C ... 55°C

## Connection example



Subject to technical changes and misprints

additional information at: [www.theben.de/product/6080101](http://www.theben.de/product/6080101)

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

08/04/2026

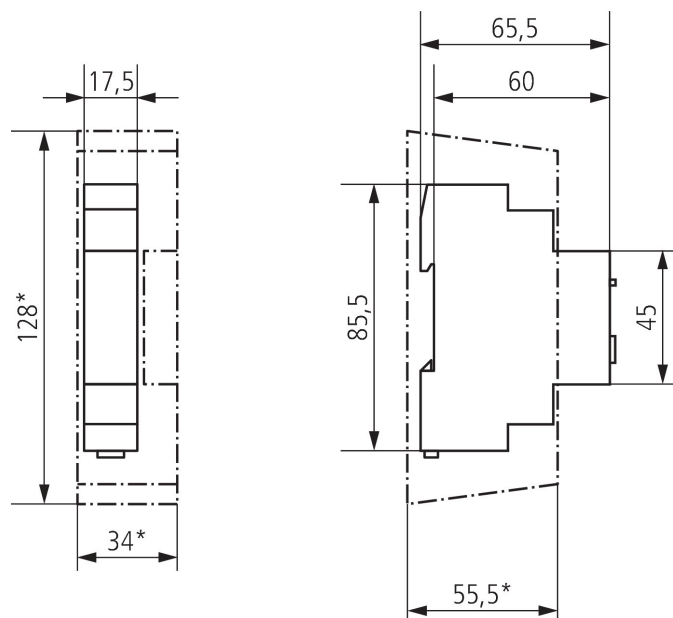
Page 2 of 3

# TR 608 top2 S

Item no.: 6080101

**theben**

## Scale drawings



## Accessories

**Wall mounting kit 17,5 mm**  
Item no.: 9070065



**PC set OBELISK top2/3**  
Item no.: 9070409



**Memory card OBELISK top2**  
Item no.: 9070404



Subject to technical changes and misprints

additional information at: [www.theben.de/product/6080101](http://www.theben.de/product/6080101)

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