

Data sheet  
**TR 608 top2 S**

Time and light control  
Digital time switches

Article number: 6080101

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**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

**Technical data**

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 (μ)
Program	Weekly program
Number of channels	1
Number of memory locations	56
Power reserve	10 years
Switching capacity at 250 V AC, cos φ = 1	16 A
Switching capacity at 250 V AC, cos φ = 0,6	4 A
Incandescent/halogen lamp load 230 V	1000 W
Energy saving lamps 230 V	30 W
LED lamp < 2 W	6 W
LED lamp 2-8 W	20 W
LED lamp > 8 W	24 W

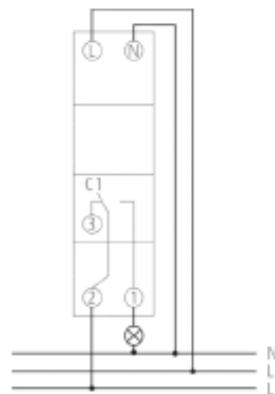
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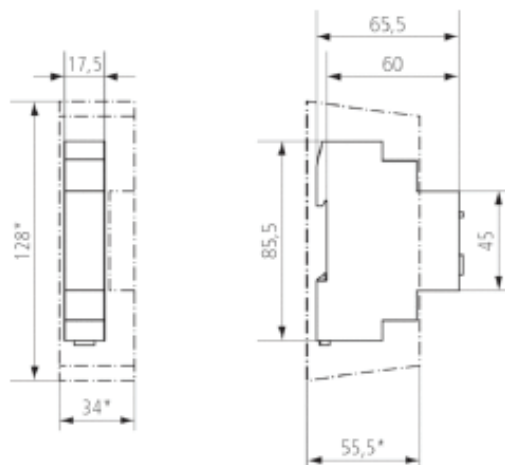
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Fluorescent lamp load (conventional) not corrected	1000 W
Fluorescent lamp load (conventional) series-corrected	1000 W
Fluorescent lamp load (conventional) parallel-corrected	80 W 14 $\mu$ F
Switching capacity min.	~10 mA
Shortest switching times	1 min
Time accuracy at 25 °C	typical $\pm$ 0,25 s/day (quartz)
Time basis	Quartz
Stand-by consumption	~0,4 W
Memory card supplied	-
Test approval	VDE
Type of connection	DuoFix spring terminals
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**



**Scale drawings**



**Accessories**

**Wall mounting kit 17,5 mm**

- Article number: 9070065  
Details ▶ [www.theben.de](http://www.theben.de)



**PC set OBELISK top2**

- Article number: 9070409  
Details ▶ [www.theben.de](http://www.theben.de)



**Memory card OBELISK top2**

- Article number: 9070404  
Details ▶ [www.theben.de](http://www.theben.de)

