

## Description



- Digital time switch with weekly program
- 1 channel
- 84 memory locations
- External input
  - Connectable sensors (external selector switch, sequence timer)
  - Connectable switches (ON or OFF permanent switching)
- Pulse program
- Cycle program
- Timer countdown
- 2 random programs
- 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

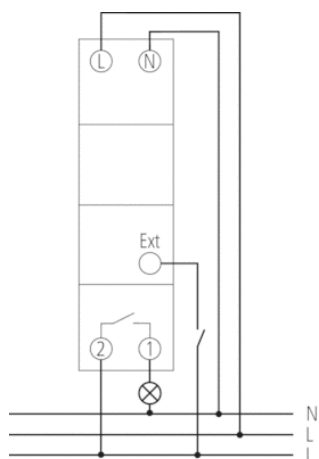
## Technical data

Operating voltage	230 – 240 V AC
Frequency	50 – 60 Hz
Width	1 modules
Installation type	DIN rail
Type of contact	NO contact
Switching output	Phase-independent
Opening width	< 3 mm (μ)
Program	Weekly program
Number of channels	1
External inputs	1
Number of memory locations	84
Power reserve	10 years
Switching capacity at 250 V AC, cos φ = 1	16 A

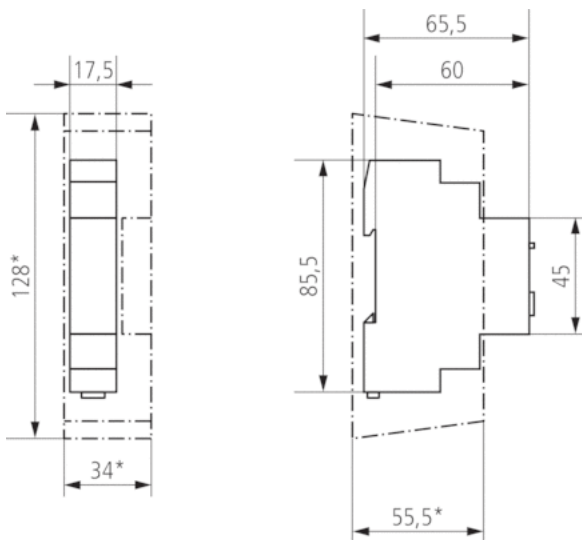
Article number: 6090101

Switching capacity at 250 V AC, $\cos \phi = 0,6$	4 A
Incandescent/halogen lamp load 230 V	2000 W
Energy saving lamps 230 V	300 W
LED lamp	< 2 W = 55 W or 2-8 W = 180 W or > 8 W = 200 W
Fluorescent lamp load (conventional) not corrected	2000 VA
Fluorescent lamp load (conventional) series-corrected	2000 VA
Fluorescent lamp load (conventional) parallel-corrected	1300 W 140 $\mu$ F
Switching capacity min.	~10 mA
Shortest switching times	1 s
Time accuracy at 25 °C	typical $\pm 0,25$ s/day (quartz)
Time basis	Quartz
Stand-by consumption	~0,4 W
Capacity loss max.	1,2 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)

