

Description



- Astronomical time switch with weekly program
- 1 channel
- External input
- 56 memory locations
- Astronomical time switch function (automatic calculation of sunrise and sunset times for the whole year)
- Offset for adjusting of sunrise and sunset times
- DuoFix spring terminals
- Text-oriented user guidance in display
- Interface for OBELISK top2 memory card (PC programming)
- 10 year power reserve (lithium battery)
- Calculated astronomical switching times
- Fixed ON-OFF switching times can be programmed (e.g. night time interruption)
- Switching preselection
- Permanent switching ON/OFF
- Integrated operating hour counter
- Holiday program
- PIN coding
- Automatic summer/winter time changeover

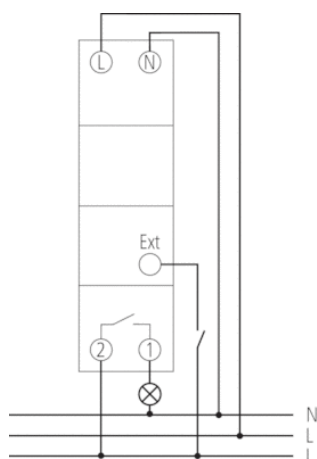
Technical data

Operating voltage	230 – 240 V AC
Frequency	50 – 60 Hz
Width	1 modules
Installation type	DIN rail
Type of contact	NO contact
Opening width	< 3 mm
Program	Weekly program, Astronomical program
Program functions	ON-OFF
Number of channels	1
External inputs	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 230 V	2000 W
Energy saving lamps 230 V	300 W
LED lamp < 2 W	55 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 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

Article number: 1750100

Fluorescent lamp load (electronic ballast)	1200 W
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
Capacity loss max.	1,2 W
Memory card supplied	–
Type of connection	DuoFix spring terminals
Externe Antenne anschließbar	–
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Type of protection	IP 20
Protection class	II according to EN 60 730-1
Voltage	230 V AC
Ambient temperature	-25 °C ... +55 °C

Connection example



Accessories

PC set OBELISK top2/3

- 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)



Front panel kit

- Article number: 9070001
[Details ▶ www.theben.de](http://www.theben.de)

