

Description



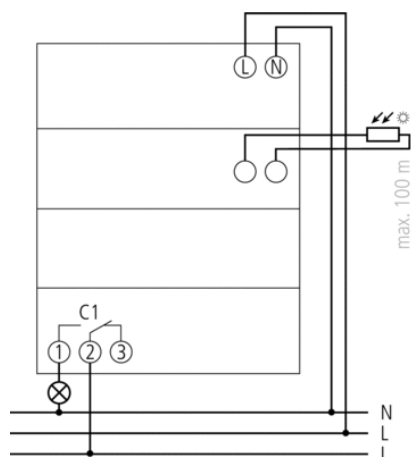
- Twilight switch with integrated weekly timer
- External light sensor included in delivery
- Analogue adjustable switching brightness
- Adjustable On and Off switching delay
 - to avoid switching errors caused by lightning, car headlights etc. Preset 1 minute
- Switching brightness and switching delay can be set separately for switching On and Off
- Fixed ON and OFF times (e.g. nighttime interruption)
 - can be programmed independent of brightness
- Onscreen display of channel and switching status
- DuoFix spring terminals
 - for 2 conductors per connection terminal
- Zero-cross switching for relay-saving switching and high lamp loads
- Interface for OBELISK top2 memory card (PC programming)
 - 2. insertable switching program
 - Copying programs
 - Storing programs
- Holiday program with yearly function
- Different summer/winter time rules can be selected or freely defined
- Permanent switching ON/OFF
- Test function
 - (Permanent ON) to check the installation independently of set brightness value
- Switching preselection
- Display back light (can be turned off)
- PIN coding
- Operating hours counter (with reminder function)

Technical data

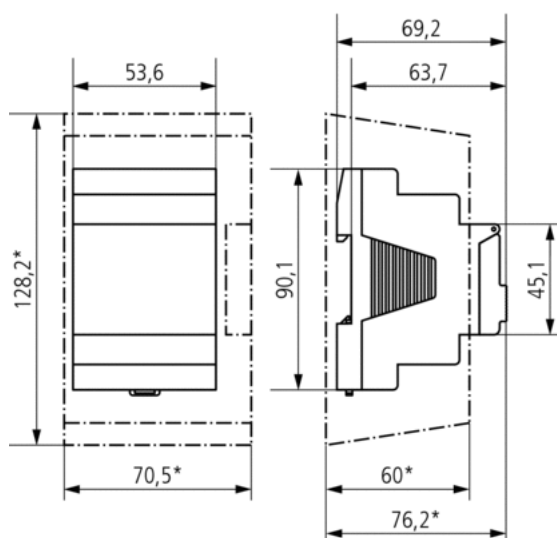
Operating voltage	220 – 240 V AC
Frequency	50 – 60 Hz
Number of channels	1
Number of memory locations	56
Stand-by consumption	1,3 W
Program	Weekly program
Additional program	Holiday program
Time basis	Quartz
Setting range brightness	2 – 2000 lx
Switch-on delay	0 – 59 min
Switch-off delay	0 – 59 min
Type of contact	Changeover contact
Switching output	Potential-free, not for SELV
Width	3 modules
Installation type	DIN rail
Type of connection	DuoFix spring terminals
Keyboards	4 touch buttons, 1 potentiometer
Shortest switching times	1 min
Power reserve	10 years at 20 °C
Switching capacity	16 A (at 250 V AC, cos φ = 1), 10 A (at 250 V AC, cos φ = 0.6), 10 AX (Fluorescent lamp load)

Switching capacity min.	<10 mA
Incandescent lamp load	2600 W
Halogen lamp load	2600 W
Fluorescent lamp load (conventional) not corrected	2300 VA
Fluorescent lamp load (conventional) series-corrected	2300 VA
Fluorescent lamp load (conventional) lead-lag circuit	2300 VA
Fluorescent lamp load (conventional) parallel-corrected	800 VA 80 µF
energy saving lamps	22 x 7 W, 18 x 11 W, 16 x 15 W, 16 x 20 W, 14 x 23 W
Fluorescent lamp load (electronic ballast)	650 VA
Test approval	VDE
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Ambient temperature	-30 °C ... +55 °C
Type of protection	IP 20, sensor IP 65
Protection class	II, Sensor III
Max. cable length to sensor	100 m

Connection example



Scale drawings



Accessories

Analogue surface-mounted light sensor

- Article number: 9070416
[Details](#) ▶ www.theben.de



Analogue flush-mounted light sensor

- Article number: 9070011
[Details](#) ▶ www.theben.de



Wall mounting kit 52,5 mm

- Article number: 9070050
[Details](#) ▶ www.theben.de



PC set OBELISK top2

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



Memory card OBELISK top2

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



Front panel kit

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

