TR 609 top2 S

Item no.: 6090101

Time and light control
Digital time switches

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 mm²
- 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



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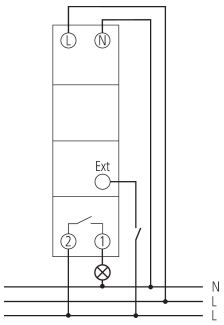
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Technical data

	TR 609 top2 S
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
Program functions	ON-OFF, Pulse, Cycle
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
Switching capacity at 250 V AC, cos φ = 0,6	4 A
Incandescent/halogen lamp load	2000 W
Energy saving lamps	300 W
LED lamp < 2 W	55 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W

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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 µF
Switching capacity min.	~10 mA
Shortest switching times	1 s
Time accuracy at 25 °C	typical ± 0,25 s/day (quartz)
Time basis	Quartz
Stand-by consumption	~0.4 W
Capacity loss max.	1.2 W
Memory card supplied	No
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
Predeccessor	6090100, TR 609 top2

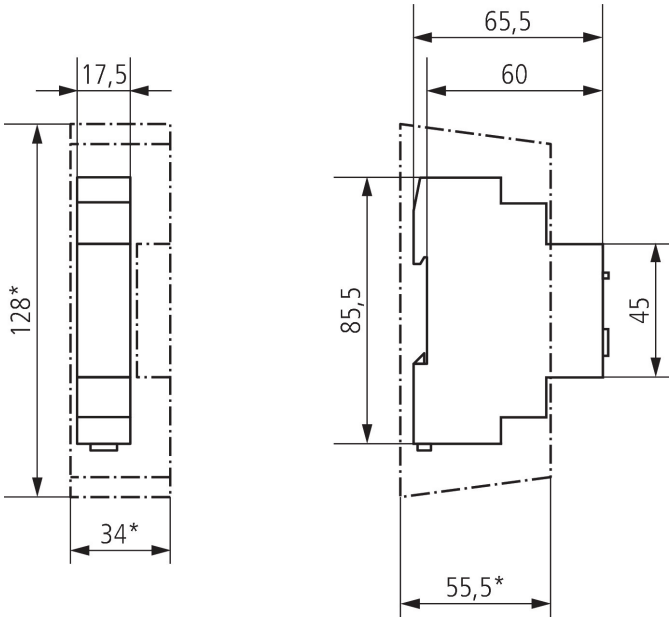
Wiring Diagrams



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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

