

TR 610 top3

Item no.: 6100130

theben
energy saving comfort

Time and light control
Digital time switches

Description

- Digital time switch with weekly program
- 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
- 56 memory locations
- Interface for OBELISK top2 memory card (PC programming)
- 2. insertable switching program
- Copying programs
- Storing programs
- 10 year power reserve (lithium battery)
- Zero-cross switching for relay-saving switching and high lamp loads (not with 24 V devices)
- ON-OFF switching times
- Switching preselection
- Permanent switching ON/OFF
- Integrated operating hour counter
- Reset option
- Service function for monitoring maintenance intervals
- Holiday program
- Display back light (can be turned off)
- 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



Subject to technical changes and misprints

additional information at: www.theben.de/product/6100130

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

30/09/2020

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Technical data

TR 610 top3		TR 610 top3	
Operating voltage	230 V AC	Fluorescent lamp load (conventional) not corrected	2600 VA
Frequency	50 – 60 Hz	Fluorescent lamp load (conventional) series-corrected	2600 VA
Width	2 modules	Fluorescent lamp load (conventional) parallel-corrected	1300 VA 130 µF
Installation type	DIN rail	Switching capacity min.	ca. 10 mA
Type of contact	Changeover contact	Shortest switching times	1 min
Switching output	Phase-independent	Time accuracy at 25 °C	typical ± 0,25 s/day (quartz)
Opening width	< 3 mm	Time basis	Quartz
Program	Weekly program	Stand-by consumption	~0.4 W
Program functions	ON-OFF	Type of connection	DuoFix spring terminals
Number of channels	1	Display	LCD
Number of memory locations	56	Keyboards	4 touch buttons
Power reserve	10 years	Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
Switching capacity at 250 V AC, cos φ = 1	16 A	Type of protection	IP 20
Switching capacity at 250 V AC, cos φ = 0,6	10 A	Protection class	II according to EN 60 730-1
Incandescent/halogen lamp load	2600 W	Voltage	230 V AC
Energy saving lamps	1100 W	Ambient temperature	-30°C ... 60°C
LED lamp < 2 W	50 W	Predecessor	6100100, TR 610 top2
LED lamp 2-8 W	600 W		
LED lamp > 8 W	600 W		

Connection example

