

Data sheet
SUL 180 a

Time and light control
Analogue time switches

Article number: 1800001

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Description



- Analogue time switch
- 1 channel
- Daily program
- With power reserve (exchangeable NiMH rechargeable battery)
- 96 switching segments
- Quartz controlled
- Shortest switching time: 15 minutes
- Screw terminals
- Manual switch with 3 positions: Permanent ON/AUTO/continuous OFF

Technical data

Operating voltage	230 – 240 V AC
Frequency	50 – 60 Hz
Number of channels	1
Width	1 modules
Installation type	DIN rail
Type of connection	Screw terminals
Drive	Quartz-controlled stepper motor
Program	Daily program
Power reserve	3 days
Switching capacity at 250 V AC, $\cos \varphi = 1$	16 A
Switching capacity at 250 V AC, $\cos \varphi = 0,8$	4 A
Incandescent/halogen lamp load	1000 W
Energy saving lamps	150 W
LED lamp < 2 W	30 W
LED lamp 2-8 W	90 W
LED lamp > 8 W	100 W
Shortest switching times	15 min
Programmable every	15 min
Time accuracy at 25 °C	$\leq \pm 1$ s/day (quartz)
Type of contact	NO contact
Switching output	Potential-free and phase-independent
Number of switching segments	96
Stand-by consumption	~0,5 W
Capacity loss max.	0,7 W
Test approval	VDE
Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic

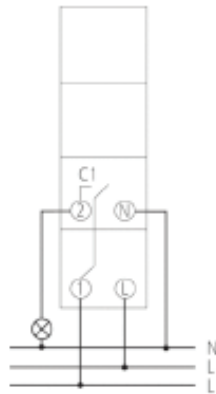
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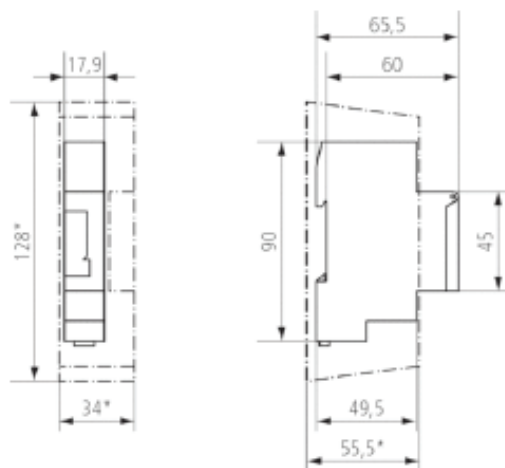
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Type of protection	IP 20
Protection class	II according to EN 60 730-1
Ambient temperature	-10 °C ... +50 °C

Connection example



Scale drawings



Accessories

Wall mounting kit 17,5 mm

- Article number: 9070065
- Details ▶ www.theben.de



Front panel kit

- Article number: 9070001
- Details ▶ www.theben.de

