SUL 181 d Item no.: 1810011



Time and light control Analogue time switches

Description

- Analogue time switch
- 1 channel
- Daily program
- With power reserve (NiMH rechargeable battery)
- 96 switching segments
- Quartz controlled
- Shortest switching time: 15 minutes
- Clock hands for time display and in addition 12/24 hour recognition
- Simple summer/winter time correction
- Time can be changed clockwise or anti-clockwise
- DuoFix spring terminals
- For 2 conductors each
- Wire or strand (with or without wire end sleeve)
- Wire diameter: 0.5 2.5 \mbox{mm}^2
- Button for releasing plug-in connection
- Switching preselection
- Manual switch with 3 positions: Continuous ON/AUTO/continuous OFF
- Switching status display



Technical data

	SUL 181 d
Operating voltage	110 – 230 V AC
Frequency	50 – 60 Hz
Number of channels	1
Width	3 modules
Installation type	DIN rail
Type of connection	DuoFix spring terminals
Drive	Quartz-controlled stepper motor
Program	Daily program
Power reserve	3 days approx. 1.5 days at 110 V
Switching capacity at 250 V AC, $\cos \varphi = 1$	16 A

	SUL 181 d
Switching capacity at 250 V AC, $\cos \varphi = 0.6$	4 A
Incandescent/halogen lamp load	1100 W
LED lamp < 2 W	20 W
LED lamp 2-8 W	180 W
LED lamp > 8 W	180 W
Shortest switching times	15 min
Programmable every	15 min
Time accuracy at 25 °C	≤ ± 1 s/day (quartz)
Type of contact	Changeover contact

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Technical data

	SUL 181 d
Switching output	Potential-free and phase- independent
Number of switching segments	96
Stand-by consumption	~0.5 W
Capacity loss max.	1.3 W
Test approval	VDE

SUL 181 d
High-temperature resistant, self- extinguishing thermoplastic
IP 20
II according to EN 60 730-1
-20°C 55°C

Connection example



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Scale drawings



Accessories

Wall mounting kit 52,5 mm Item no.: 9070050







Subject to technical changes and misprints additional information at: www.theben.de/product/1810011 The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.