



EE180



**IP20**

## Astronomical Timeswitch 1 Channel

### Technical characteristics

#### Architecture

Fixing mode	Din-Rail
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#### Functions

Number of function channels	1
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#### Configuration

Number of modules	2
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#### Controls and indicators

Function of the pushbutton	yes
Indication / display	LC display with illumination

#### Main electrical features

Frequency	50/60 Hz
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#### Voltage

Operating voltage	230 V~ +/- 15%
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#### Electric current

Acceptable current rating with AC1	16 A
Max. power with cos phi 0.6	10 A
Switching current at cos $\varphi$ = 0.6	max. 10 A

#### Dimensions

Depth of installed product	65 mm
Height of installed product	85 mm
Length	35 mm
Width of installed product	65 mm
Width of rail mounted device (RMD)	2 modules

#### Frequency

Frequency range	50...60 Hz
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#### Power

Max. power with fluo uncompensated lamps	1000 VA
Power consumed	6 VA
Incandescent bulb power	0 / 2300 W
Total power loss under IN	2 W
Loss power at full load	≈ 2 W
Power dissipation per coil	0.3 W

Max. Breaking capacity for parallel compensated fluorescent tubes	400 W
Max. Breaking capacity for row-compensated fluorescent tubes	1000 W
<b>Measurement</b>	
Running accuracy	± 1.5 s/day
<b>Battery</b>	
Power reserve [years]	≈ 5 a
<b>Fluorescent bulbs control</b>	
Max. power with fluorescent parallel lamps	400 VA
Max. power fluo. duo lamp comp. series	1000 W
Fluorescent lamps parallel compensated	400 VA
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	2300 W
230 V incandescent lamps and halogen lamps	max. 2300 W
<b>Installation, mounting</b>	
Mounting type	din-Rail
Installation mode	for mounting on DIN rail
<b>Connection</b>	
Conductor cross-section (flexible)	1...6 mm <sup>2</sup>
Conductor cross-section (rigid)	1...6 mm <sup>2</sup>
Number of contacts	1
Type of connection	with screw terminals
<b>Settings</b>	
Number of program steps	56
Summer / Winter time change	automatic
Shortest switching time	1 mn
Astro program	Yes
<b>Equipment</b>	
Number of channels	1
Number of switching times for on/off	56
ON / OFF override	0
Supply failure reserve	5 years
With cyclic program	Yes
With holidays program	No
With random program	No
<b>Use</b>	
Cycle	weekly
<b>Safety</b>	
Protection index IP	IP20

**Use conditions**

Operating temperature	-10...55 °C
Working accuracy	1,5
Storage/transport temperature	-20...60 °C