



EE180



IP20

Astronomical Timeswitch 1 Channel

Technical properties

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
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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
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Max. power with cos phi 0.6	10 A
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Switching current at cos φ = 0.6	max. 10 A
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Dimensions

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

Frequency range	50...60 Hz
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Power

Max. power with fluo uncompensated lamps	1000 VA
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Power consumed	6 VA
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Incandescent bulb power	0 / 2300 W
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Total power loss under IN	2 W
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Loss power at full load	≈ 2 W
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Power dissipation per coil	0.3 W
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Max. Breaking capacity for parallel compensated fluorescent tubes	400 W
Max. Breaking capacity for row-compensated fluorescent tubes	1000 W
Measurement	
Running accuracy	± 1.5 s/day
Battery	
Power reserve [years]	≈ 5 a
Fluorescent bulbs control	
Max. power with fluorescent parallel lamps	400 VA
Max. power fluo. duo lamp comp. series	1000 W
Fluorescent lamps parallel compensated	400 VA
Incandescent bulbs control	
Max. power with incandescent lamps	2300 W
230 V incandescent lamps and halogen lamps	max. 2300 W
Installation, mounting	
Mounting type	din-Rail
Installation mode	for mounting on DIN rail
Connection	
Conductor cross-section (flexible)	1...6 mm ²
Conductor cross-section (rigid)	1...6 mm ²
Number of contacts	1
Type of connection	with screw terminals
Settings	
Number of program steps	56
Summer / Winter time change	automatic
Shortest switching time	1 mn
Astro program	Yes
Equipment	
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
Use	
Cycle	weekly
Safety	
Protection index IP	IP20

Use conditions

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