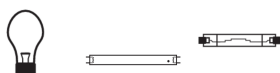




EE171



IP20

Twilight switch, weekly cycle

Technical properties

Functions

Timers	smallest programme step: 1 minute
Slide switch	with slide switch for automatic/test/permanent ON/OFF
Power reserve	≈ 200 h

Configuration

Number of modules	3
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Controls and indicators

Presence button	No
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Main electrical features

Frequency	50/60 Hz
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Voltage

Operating voltage	230 V~ +10%/-15%
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Electric current

Acceptable current rating with AC1	16 A
Max. power with cos phi 0.6	10 A

Dimensions

Depth of installed product	65 mm
Height of installed product	85 mm
Width of installed product	53 mm
Width of rail mounted device (RMD)	3 modules

Frequency

Frequency range	50...60 Hz
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Length

Maximum connection distance between receiver and transmitter	50m
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Power

Fluorescent lamps duo circuit	1000 W
Max. power with fluo uncompensated lamps	1000 VA
Power consumed	1.5 VA
Power consumption (operation)	1.5 VA
Incandescent bulb power	2000 W
Total power loss under IN	1.5 W

Power dissipation per coil	0.3 W
Max. Breaking capacity for parallel compensated fluorescent tubes	200 W
Max. Breaking capacity for row-compensated fluorescent tubes	1000 W
Endurance	
Electrical endurance cycles with incandescent lighting	7500
Electrical durability at nominal load in AC1 in operating cycles	50000
Electrical durability with parallel compensated fluorescent tubes	4000
Electrical durability with row-compensated fluorescent tubes	7500
Measurement	
Running accuracy	± 6 min/year
Power supply	
Supply voltage	230 V
Materials	
RAL colour	RAL 7035 - Light grey
Lighting control	
Brightness measurement range	5 / 2000 Lux
Fluorescent bulbs control	
Max. power with fluorescent parallel lamps	200 VA
Max. power fluo. duo lamp comp. series	1000 W
Fluorescent lamps parallel compensated	200 W
Fluorescent lamps uncompensated	1000 W
LED control	
LED	with status LED
Incandescent bulbs control	
Max. power with incandescent lamps	2000 W
230 V incandescent lamps	2000 W
230 V halogen lamps	1000 W
Installation, mounting	
Mounting type	din-Rail
Installation mode	for mounting on DIN rail ; Extension sensor for wall and ceiling mounting
Connection	
Connection cross-sect. flexible conductor	0,5 / 4mm ²
Connection cross-sect. rigid cable	0,5 / 4mm ²
Conductor cross-section (flexible)	0.5...4 mm ²
Conductor cross-section (rigid)	0.5...4 mm ²
Number of contacts	1

Type of contacts	1 changeover
Type of connection	with screw terminals
Connection	connection for brightness sensor
Cable	
Wire	Cable length between twilight switch and brightness sensor max. 50 m
Settings	
Number of program steps	20
Delay ON	15 s
Delay OFF	60 s
Shortest switching time	1 mn
Setting	Brightness modifiable via potentiometer
Time	Week timer
Equipment	
Supply failure reserve	2.5 years
Brightness	Switch-on brightness at twilight adjustable
Potential-free	with potential-free change-over contact
Use	
Cycle	weekly
Safety	
Protection index IP	IP54
REACH conform	No
RoHS conform	No
Halogen free	No
Use conditions	
Operating temperature	-10...50 °C
Working accuracy	6 mn / year
Storage/transport temperature	-20...60 °C
Identification	
Main design line	House electronics