



EEN100

IP20

Twilight switch 1 channel, 1M, wall mounted cell

Technical characteristics

Configuration

Number of modules	1
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Controls and indicators

Presence button	No
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Main electrical features

Rated operational voltage Ue	230 V
Frequency	50/60 Hz

Voltage

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

Max. power with cos phi 0.6	10 A
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Dimensions

Depth of installed product	65 mm
Height of installed product	83 mm
Width of installed product	17.8 mm

Frequency

Frequency range	50...60 Hz
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Length

Maximum connection distance between receiver and transmitter	100m
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Power

Fluorescent lamps duo circuit	1000 W
Max. power with fluo uncompensated lamps	1000 VA
Power consumed	0.331 VA
Power consumption (operation)	300 mW
Incandescent bulb power	2300 W
Total power loss under IN	0.3 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

Power supply

Supply voltage	230 V
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Lighting control

Brightness measurement range	5 / 2000 Lux
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Fluorescent bulbs control

Max. power with fluorescent parallel lamps	1000 VA
Max. power fluo. duo lamp comp. series	1000 W
Fluorescent lamps parallel compensated	1000 W
Fluorescent lamps uncompensated	1000 W

Incandescent bulbs control

Max. power with incandescent lamps	2300 W
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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	1,5 / 6mm ²
Connection cross-sect. rigid cable	1,5 / 6mm ²
Number of contacts	1
Type of contacts	contact floating
Type of connection	with screw terminals

Settings

Delay ON	60 s
Delay OFF	80 s
Setting	Switch-on/switch-off delay continuously adjustable via potentiometer

Equipment

Brightness	On/off brightness value individually adjustable
Potential-free	with potential-free normally-open contact

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Identification

Main design line	House electronics
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