



EEN100

IP20

## Twilight switch 1 channel, 1M, wall mounted cell

### Technical properties

#### 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
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#### 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
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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
<b>Power supply</b>	
Supply voltage	230 V
<b>Lighting control</b>	
Brightness measurement range	5 / 2000 Lux
<b>Fluorescent bulbs control</b>	
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
<b>Incandescent bulbs control</b>	
Max. power with incandescent lamps	2300 W
<b>Installation, mounting</b>	
Mounting type	din-Rail
Installation mode	for mounting on DIN rail ; Extension sensor for wall and ceiling mounting
<b>Connection</b>	
Connection cross-sect. flexible conductor	1,5 / 6mm <sup>2</sup>
Connection cross-sect. rigid cable	1,5 / 6mm <sup>2</sup>
Number of contacts	1
Type of contacts	contact floating
Type of connection	with screw terminals
<b>Settings</b>	
Delay ON	60 s
Delay OFF	80 s
Setting	Switch-on/switch-off delay continuously adjustable via potentiometer
<b>Equipment</b>	
Brightness	On/off brightness value individually adjustable
Potential-free	with potential-free normally-open contact
<b>Safety</b>	
REACH conform	No
RoHS conform	Yes
Halogen free	No
<b>Identification</b>	
Main design line	House electronics