



Light sensitive switch

EEN101

Architecture

Fixing mode	Din-Rail
-------------	----------

Controls and indicators

Presence button	no
-----------------	----

Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	230 V

Voltage

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

Electric current

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

Length

Maximum connection distance between receiver and transmitter	100m
--	------

Power

Max. Breaking capacity for parallel compensated fluorescent tubes	200 W
Max. Breaking capacity for row-compensated fluorescent tubes	1000 W
Max. power with fluo uncompensated lamps	1000 VA
Fluorescent lamps duo circuit	1000 W
Power consumed	0,3 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

Endurance

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
Electrical endurance cycles with incandescent lighting	7500

Power supply

Supply voltage	230 V
----------------	-------

Dimensions

Depth of installed product	65 mm
Height of installed product	83 mm
Length	60 mm
Width of installed product	17,8 mm
Width of rail mounted device (RMD)	1 modules

Lighting control

Brightness measuring range	5 2000 lx
Brightness measurement range	5/2000 Lux

Fluorescent bulbs control

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

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	2300 W
Max. power with incandescent lamps	2300 W

Installation, mounting

Mounting type	din-Rail
- for mounting on DIN rail	
- Built-in sensor for mounting in waterproof housing	

Connection

Connection cross-sect. rigid cable	1,5 / 6mm ²
Connection cross-sect. flexible conductor	1,5 / 6mm ²
Number of contacts	1
Type of contacts	contact floating
- with screw terminals	

Settings

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

Equipment

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

Safety

Protection index IP	IP20
---------------------	------

Use conditions

Storage temperature	-25 to 70 °C
Storage/transport temperature	-25 60 °C

Identification

Main design line	House electronics
------------------	-------------------
