



EE110



IP20

Light sensitive switch 24H prog.

Technische Merkmale

Architecture

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

Functions

Power reserve	≈ 200 h
<ul style="list-style-type: none"> - with slide switch for automatic/test/permanent ON/OFF - smallest programme step: 15 minutes 	

Controls and indicators

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

Main electrical features

Frequency	50 Hz
-----------	-------

Voltage

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

Electric current

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

Length

Maximum connection distance between receiver and transmitter	50m
--	-----

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	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

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

Measurement

Running accuracy	± 6 min/year
------------------	--------------

Battery

Charging time of the power reserve in hours	70
---	----

Power supply

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

Dimensions

Depth of installed product	65 mm
Height of installed product	85 mm
Width of installed product	88 mm
Width of rail mounted device (RMD)	5 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	200 VA
Max. power fluo. duo lamp comp. series	1000 W
Fluorescent lamps parallel compensated	200 W

LED control

- with status LED

Incandescent bulbs control

230 V halogen lamps	1000 W
Max. power with incandescent lamps	2000 W
230 V incandescent lamps	2000 W

Installation, mounting

Mounting type	din-Rail
---------------	----------

- for mounting on DIN rail
- Extension sensor for wall and ceiling mounting

Connection

Conductor cross-section (flexible)	0,5 ... 4 mm ²
Conductor cross-section (rigid)	0,5 ... 4 mm ²
Connection cross-sect. rigid cable	0,5 / 4mm ²
Connection cross-sect. flexible conductor	0,5 / 4mm ²
Number of contacts	1
Type of contacts	1 changeover

- connection for brightness sensor
- with screw terminals

Cable

- Cable length between twilight switch and brightness sensor max. 50 m
-

Settings

Delay ON	15 s
Delay OFF	60 s
Shortest switching time	15 mn

- Brightness modifiable via potentiometer
- Day timer

Equipment

Supply failure reserve	200 h
------------------------	-------

- Switch-on brightness at twilight adjustable
- with potential-free change-over contact

Use

Cycle	daily
-------	-------

Safety

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

Use conditions

Operating temperature	-10 ... 50 °C
Working accuracy	6 mn / year
Storage temperature	-20 to 60 °C
Storage/transport temperature	-20 ... 60 °C

Identification

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