

## DEFENSOR TS T IR 1C IP55 WH

**Item number** ED10025464  
**GTIN** 4015120025464



### Product description

- Twilight switch with time switch
- Time-dependent operating modes can be selected
- Password protection against unauthorised parameterisation
- Factory settings ensure immediate operability
- Easy to configure using the ESY Pen and ESY app

### Technical data

#### GENERAL

Device category	Twilight switch
Special product features	Time-dependent operating modes, password protection against unauthorised parameterisation, easy configuration via remote control and app
User interface	IR remote control
Remote controllable	✓
Conformity	CE
Warranty	5 years

#### ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Installation dimension	Installation length: 108 mm x Installation width: 92 mm x Installation depth: 46 mm
Type of connection	Push terminal
Connectable wire cross section	0,50 - 2,50 mm <sup>2</sup>
Number of contacts	5

#### HOUSING

Dimensions	Length 108 mm x Width 92 mm x Height/Depth 46 mm
Weight	172 g
Material	UV-resistant plastic

Protection type	IP55
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	10 - 90 %, non-condensing
Impact resistance	IK07
Colour	white, similar to RAL 9003

#### ELECTRICAL VERSION

Protection class	II
Nominal voltage	220 - 240 V / 50 - 60 Hz
Stand-by consumption	< 0.5 W
In-rush current	800 A / 200 µs

#### SENSORS

Light measurement	Daylight
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#### CONTROL

Channel 1	Lighting
Interface	Switching
Contact	make contact / non-floating
Switching capacity channel 1	230 V / 50 - 60 Hz 2300 W / 10 A (cos phi = 1), 1150 VA / 5 AX (cos phi = 0,5) 600 W LED
Push button input channel 1	✓

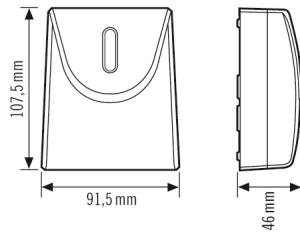
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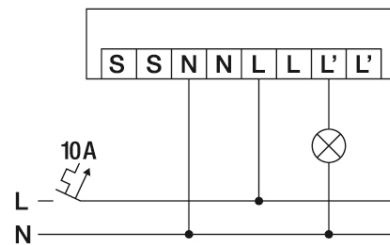
### Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
DEFENSOR EDGE MOUNTING WH	EM10025419	4015120025419
DEFENSOR SPACER WH	EM10025426	4015120025426

### Scale drawing

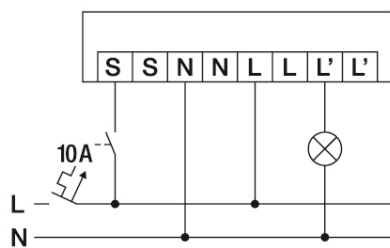


### Circuit diagram



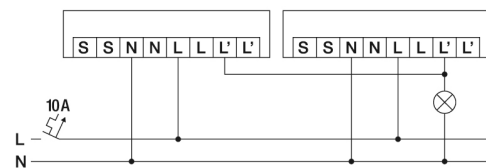
Standard operation

### Circuit diagram



Standard operation with additional control by means of a button

### Circuit diagram



Parallel wiring of max. 10 twilight switches