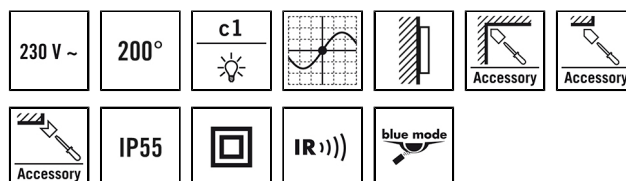


## DEFENSOR MD 200° 24 IR 1C IP55 AN

**Item number**      **GTIN**  
EM10025365      4015120025365



### Product description

- Motion detector with 200° field of detection and range with 24-m diameter (tangential)
- 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	Outdoor motion detector
Special product features	Password protection against unauthorised parameterisation, impulse mode, easy to configure via remote control and app, Simple programming using remote control with "blue mode" technology
User interface	IR remote control
Remote controllable	✓
Conformity	CE
Warranty	5 years

#### ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Type of connection	Push terminal
Connectable wire cross section	0,75 - 2,50 mm <sup>2</sup>
Number of contacts	5

#### HOUSING

Dimensions	Length 108 mm x Width 92 mm x Height/Depth 108 mm
Weight	228 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	graphite gray, similar to RAL 7024

#### 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

Detection angle	200° horizontally rotatable +/- 30°, vertically tiltable by -10°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 8 m
Field of detection	up to 252 m <sup>2</sup>
Range adjustment	Mechanical, electronic
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	Daylight

#### CONTROL

Number of light channels	1
Push button input lighting	1
Push button input HVAC	-
Slave input	-
Konstantlichtregelung	-
Channel 1	Lighting
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	✓

## DEFENSOR MD 200° 24 IR 1C IP55 AN

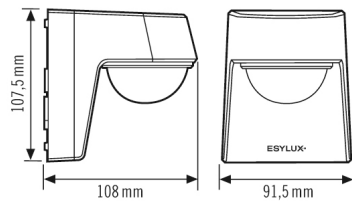
**Item number**      **GTIN**  
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Switch-off delay channel 1      60 s...240 min

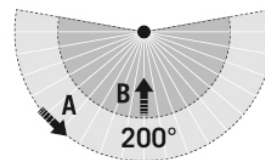
### Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
DEFENSOR SPACER AN	EM10025433	4015120025433
DEFENSOR EDGE MOUNTING AN	EM10025457	4015120025457
DEFENSOR MD 200° LENS MASK	EM10025440	4015120025440

### Scale drawing



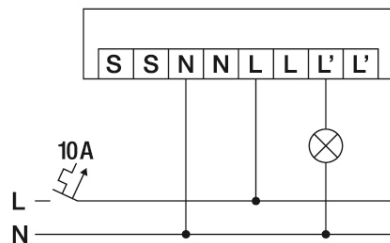
### Field of detections



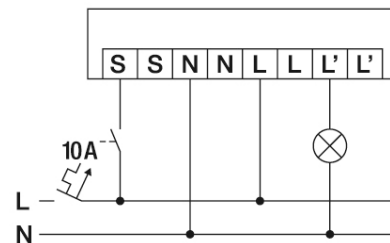
### Detection range

Diagonally (A)	∅ 24 m
Frontal (B)	∅ 8 m

### Circuit diagram



### Circuit diagram



Standard operation

Standard operation with additional control by means of a button

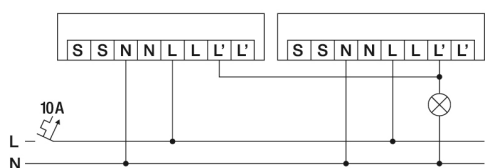
# DATA SHEET

## DEFENSOR MD 200° 24 IR 1C IP55 AN

**Item number**      **GTIN**  
EM10025365      4015120025365

### Circuit diagram

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*A maximum of 10 devices can be connected in parallel.*