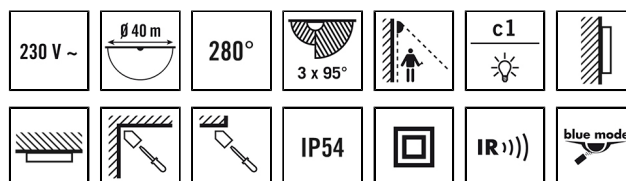


RC 280i black

Item number **GTIN**
EM10015915 4015120015915



Product description

- Motion detector with 280° field of detection and large range
- 360° creep protection for unbroken coverage, can be switched off by remote control
- Default settings ensure immediate operability

Technical data

GENERAL	
Device category	Outdoor motion detector
Special product features	Simple programming using remote control with "blue mode" technology
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, RoHS, WEEE
Warranty	5 years

ATTACHMENT	
Installation type	Surface mounting
Installation position	Ceiling / wall
Type of connection	Push terminal
Connectable wire cross section	1,50 - 2,50 mm ²

HOUSING	
Dimensions	Length 135 mm x Width 78 mm x Height/Depth 105 mm
Weight	350 g
Material	UV-stabilised polycarbonate
Protection type	IP54
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	Black, similar to RAL 9005

ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Power consumption	0,3 W

In-rush current	100 A / 200 µs
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SENSORS	
Detection angle	280° (3 x 95° separately adjustable) and 360° creep protection
Detection range diagonally	Ø 40 m
Detection range head-on	Ø 16 m
Detection range creep protection	Ø 6 m
Field of detection	up to 979 m ²
Range adjustment	electronic, Mechanical, For each sensor, 3 x 95°
Recommended installation height	2,5 m
Max. mounting height	4 m
Light measurement	mixed light

CONTROL	
Number of light channels	1
Push button input HVAC	–
Slave input	–
Konstantlichtregelung	–
Channel 1	Lighting
Interface	Switching
Contact	make contact / non-floating
Switching capacity channel 1	230 V/50 Hz, 16 AX 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED
Push button input channel 1	–
Switch-off delay channel 1	15 s...30 min
Master/slave function	–

RC 280i black

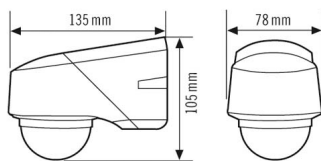
Item number	GTIN
EM10015915	4015120015915

Manual override No

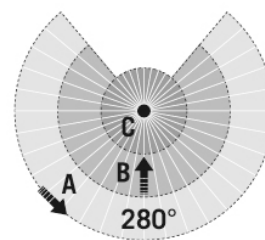
Accessories

Product designation	Item number	GTIN
RC REMOTE CONTROL	EM10016004	4015120016004
REMOTE CONTROL USER	EM10016011	4015120016011
FILTER 230 V	EP10426988	4015120426988
ESY-Pen	EP10425356	4015120425356
RC EDGE MOUNTING BK	EM10016134	4015120016134

Scale drawing



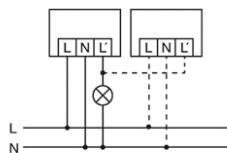
Field of detections



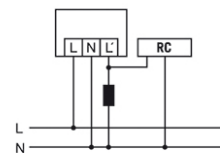
Detection range

Diagonally (A)	∅ 40 m
Frontal (B)	∅ 16 m
creep protection (C)	∅ 6 m

Circuit diagram



Circuit diagram



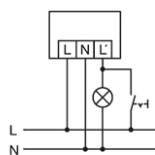
Standard operation parallel connection of max. 8 devices

An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).

RC 280i black

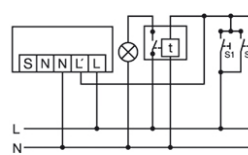
Item number **GTIN**
EM10015915 4015120015915

Circuit diagram



Standard operation with additional continuous lighting function through external switch.

Circuit diagram



Parallel connection with automatic stairwell light