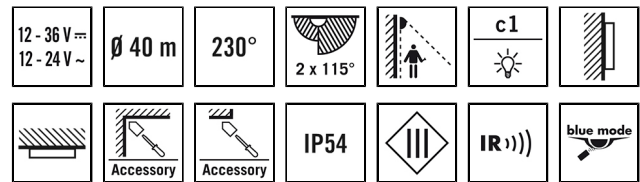


RC 230i UC

Item number **GTIN**
EM10015649 4015120015649



Product description

- Motion detector with **230° field of detection** and large range
- 360° creep protection for unbroken coverage, can be switched off by remote control
- Default settings ensure immediate operability
- Simple programming using remote control with "blue mode" technology.

Offers special product features like:

- One-hand plug-in base
- Creep protection
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App



Technical data

GENERAL	
Device category	Outdoor motion detector
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, EAC, 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	314 g
Material	UV-stabilised polycarbonate
Protection type	IP54
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	12 - 36 V UC
Protection class	III
Nominal voltage	12 - 24 V AC/DC

Power consumption	0,3 W
SENSORS	
Detection angle	230° (2 x 115° 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 804 m ²
Recommended installation height	2,5 m
Max. mounting height	4 m
Light measurement	mixed light
Level of brightness	2 - 2500 lx
CHANNELS (LIGHTING / HVAC)	
Number of light channels	1
Push button input HVAC	–
Number of parallel switchable detectors	8
Slave input	–
Switching delay from "dark to light"	5 s
Switching delay from "light to dark"	0 s
Constant light control	–
Channel	C1 Lighting
Function	Switching
Switch contact	make contact / non-floating
Push button input	–
Impulse feature	✓
Switch-off delay time	15 s...30 min (adjustable in steps)

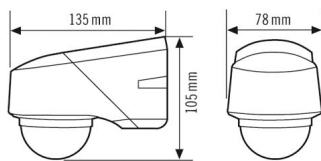
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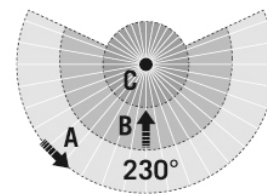
Accessories

Product designation	GTIN
Mounting	
RC EDGE MOUNTING WH	4015120016110
Remote control	
RC REMOTE CONTROL	4015120016004
REMOTE CONTROL USER	4015120016011
ESY-Pen	4015120425356

Scale drawing



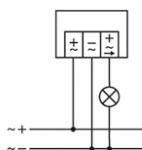
Field of detections



Detection range

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

Circuit diagram



Standard operation