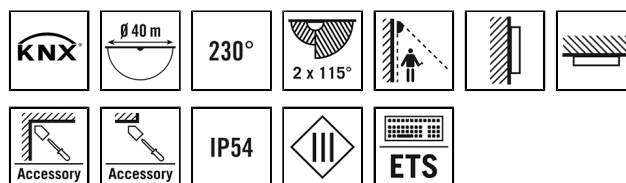


RC 230 KNX

Item number **GTIN**
 EM10015472 4015120015472



Product description

- KNX Motion detector with 230° field of detection and large range
- 360° creep protection for unbroken coverage
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function settings via ETS (Engineering Tool Software)

Technical data

GENERAL

Device category	Outdoor motion detector
User interface	ETS-Software
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	310 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

Protection class	III
Nominal voltage	29 - 31 V
Power consumption	6 mA

SENSORS

Detection angle	230° (2 x 115° separately adjustable) and 360° creep protection
Detection range diagonally	∅ 40 m
Detection range head-on	∅ 16 m
Detection range creep protection	∅ 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

CONTROL

Number of light channels	2
Number of HLK-channels	1
Push button input lighting	1
Push button input HVAC	✓
Slave input	✓
Konstantlichtregelung	✓
KNX functions	Presence simulation, Manual override, Master-/slave-function, Sensitivity configurable, Sends a telegram at regular intervals
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Push button input channel 1	✓
Switch-off delay channel 1	30 s...30 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Channel 2	HVAC

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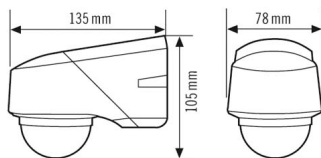
Output	Switching
Contact	Bus system
Turn-on delay	disabled/2 min - 30 min
Push button input channel 2	✓
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Function	Switching

Push button input	✓
Time setting channel 3	disabled/10 sec./1 min.-60 min.
Bus voltage	29-31 V = (KNX)
Sensitivity configurable via ETS	yes
Sends a telegram at regular intervals	yes
Master/slave function	✓
Presence simulation	✓
Manual override	yes

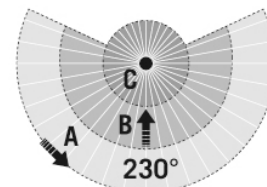
Accessories

Product designation	Item number	GTIN
RC EDGE MOUNTING WH	EM10016110	4015120016110

Scale drawing



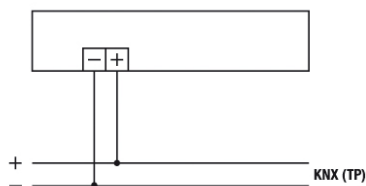
Field of detections



Detection range

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

Circuit diagram



Standard operation