

DATA SHEET

Order description

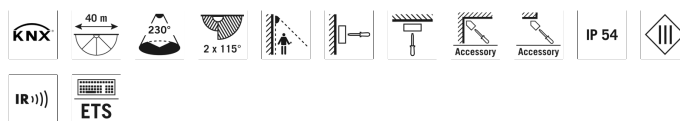
RC 230i KNX white

Item number

EM10015472

GTIN

4015120015472



Product description

- KNX Motion detector with 230° field of detection and large range
- 360° anti-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	
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Surface mounting
Mounting location	Ceiling / Wall
HOUSING	
Dimensions	Length 135 mm x Width 78 mm x Height/Depth 105 mm
Weight	310 g
Material	UV-stabilised polycarbonate
Protection type	IP 54
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	white, similar to RAL 9010
Terminal	2,5 mm ² / 1,5 mm ²
ELECTRICAL VERSION	
Protection class	III
Nominal voltage	29 - 31 V
SENSORS	
Power consumption	6 mA
Detection angle	230° (2 x 115° separately adjustable) and 360° anti-creep protection
Detection range diagonally	40 m
Detection range head-on	8 m

Field of detection	804 m ²
Recommended installation height	2,5 m
Max. mounting height	2,5 m
Light measurement	mixed light
Level of brightness	2 - 1000 lx
Number of light channels	2
Number of switching contacts	0
Slave input	Yes, unit can be configured as a master or slave device
Fully automatic	yes
Semi-automatic	yes
Constant lighting control	true
Switching delay from "dark to light" [s]	300 s
Switching delay from "light to dark" [s]	30 s

CONTROL	
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
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
Turn-on delay	disabled/2 min - 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
Bus voltage	29-31 V = (KNX)
Sensitivity configurable via ETS	yes

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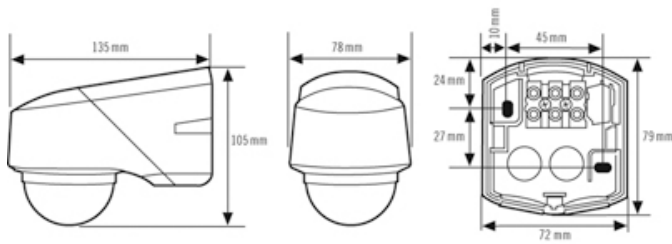
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Sends a telegram at regular intervals	yes	
Master/slave function	true	
Constant lighting control	true	

Presence simulation	true
Manual override	yes

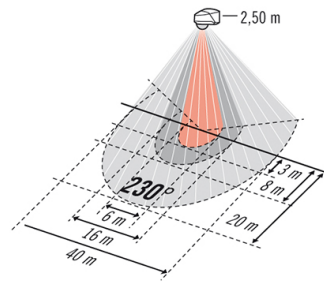
Accessories

Product designation	Item number	GTIN
RC corner bracket	EM10016110	4015120016110

Scale drawing

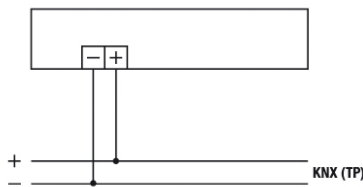


Field of detection



- 360° anti-creep protection
- Head-on to detector
- Passage area / diagonally to detector

Circuit diagram



Standard operation

Energy Conservation Solutions Pty Ltd
 Exclusive Distributor for ESYLUX in Australia Locations:
 VIC/TAS, NSW, QLD, ACT, SA/NT & WA
 Phone: **1300 306 136**
 For contact details visit: www.ecs.net.au