

DATA SHEET

PD-FLAT 360i/8 LARGE ROUND WHITE KNX

Order description

PD-FLAT-L 360i/8 RW KNX

Item number

EP10428685

GTIN

4015120428685



Product description

- KNX Design recessed ceiling-mounted presence detector with 360° field of detection
- Range approx. 8 m in Ø at a recommended installation height of 3 m (maximum installation height 5 m)
- 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)
- Low profile design with plastic design covers (Ø 104 mm): round, white - variably interchangeable

Technical data

GENERAL

Conformity	CE, RoHS, WEEE
warranty	5-year

MOUNTING

Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth 24 mm, Ø 68 mm

HOUSING

Dimensions	Height/Depth 6 mm, Ø 104 mm
Weight	83 g
Housing material	UV-stabilised polycarbonate
Protection type	IP 20
Permissible ambient temperature	5 °C...+35 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
Terminal	WAGO

ELECTRICAL VERSION

Protection class	III
Nominal voltage	29 - 31 V

SENSORS

Power consumption	0,2 W
Power consumption	6 mA
Detection angle	360°
Detection range diagonally	8 m

Detection range head-on	6 m
Presence detection range	4 m
Field of detection	50 m²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	3 - 1000 lx
Number of light channels	1
Number of switching contacts	2
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
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
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Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Bus voltage	29-31 V = (KNX)

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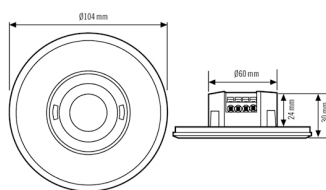
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
Sensitivity configurable via ETS	yes
Sends a telegram at regular intervals	yes
Master/slave function	true

constant lighting control	true
Presence simulation	true
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching/dimming, offset (-50 % to +50 %)

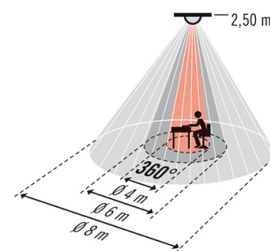
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Mobil-PDi/MDi	EM10425509	4015120425509
Basket guard 180/90	EM10425608	4015120425608
Basket guard 165/70	EM10425615	4015120425615
Recessed ceiling mounting kit for FLAT series	EP10426889	4015120426889
Surface-mounted box-C IP 20	EP10425370	4015120425370
Cover LARGE FLAT series ROUND BLACK	EP10428098	4015120428098

Scale drawing



Field of detection



- Operating area approx. Ø 4 m
- Head-on to detector approx. Ø 6 m
- Passage area / diagonally to detector approx. Ø 8 m

Energy Conservation Solutions Pty Ltd

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VIC/TAS, NSW, QLD, ACT, SA/NT & WA

Phone: 1300 306 136

For contact details visit: www.ecs.net.au