

DATA SHEET

Order description

PD-ATMO 360i/8 0 KNX

Item number

EP10427220

GTIN

4015120427220



Product description

- KNX recessed ceiling-mounted presence detector with 360° field of detection
- Range of up to 8 m in the diameter at a recommended installation height of 3 m
- In-built acoustic sensor perfect for use in areas with a complex layout
- Additional measurement of the ambient temperature, relative humidity and the VOC
- 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
Special product features	microphone, Lens lighting, choice of 7 colours, VOC measurement, relative humidity, temperature measurement, visual and acoustic alarming
warranty	5-year

MOUNTING

Installation type	Recessed mounting
Mounting location	Ceiling
Installation dimension	Installation depth 24 mm, Ø 60 mm

HOUSING

Dimensions	Height/Depth 74 mm, Ø 108 mm
Weight	205 g
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	2,5 mm ² / 1,5 mm ²

ELECTRICAL VERSION

Protection class	II
Nominal voltage	230 - 230 V / 50 Hz
Stand-by consumption	< 1 W

SENSORS

Power consumption	0,3 W
Power consumption	10 mA
Detection angle	360°
Detection range diagonally	8 m
Detection range head-on	6 m
Detection range zone de présence	4 m
Field of detection	50 m ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 - 2000 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
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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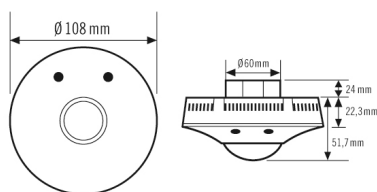
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Output	KNX	
Turn-on delay	disabled/2 min - 30 min	
Orientation light	disabled/10 - 50 %, 2 values can be selected	
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min	
Switch-on delay channel 3	disabled/2 min - 30 min	
Time setting channel 3	disabled/30 sec./1 min./12 hrs	
Bus voltage	29-31 V = (KNX)	
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, c2 offset from c1 (-100 % to +100 %)

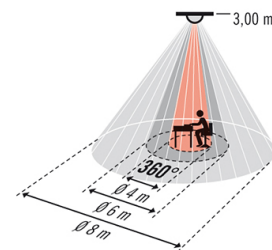
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
Mobil-PDi/user	EM10425547	4015120425547
Mobil-PDi/MDi-universal	EP10433993	4015120433993
Surface-mounted box-C IP 20	EP10425370	4015120425370
Surface-mounted box C IP 54	EP10425905	4015120425905
Ceiling-mounted set-C	EP10425929	4015120425929
Basket guard 180/90	EM10425608	4015120425608
Basket guard 165/70	EM10425615	4015120425615
CA-C Telescope Magnet	EC10430022	4015120430022

Scale drawing



Field of detection



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

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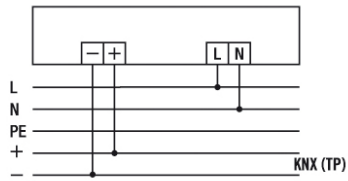
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Circuit diagram



Standard operation

Energy Conservation Solutions Pty Ltd

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