

PD-C 360i/8 mini KNX BK

Item number

EP10426209

GTIN

4015120426209



Technical data

GENERAL

Device category	Ceiling-mounted presence detector
Product information	Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).
Included in delivery	includes lens mask, spring installation clips, clamping installation ring
User interface	IR remote control, ETS-Software
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 45 mm, Ø 25 mm
Type of connection	Push terminal
Connectable wire cross section	0.6 – 0.8 mm ²

HOUSING

Dimensions	Height/Depth 60 mm, Ø 33 mm
Weight	97 g
Material	UV-stabilised polycarbonate
Protection type	IP55
Permissible ambient temperature	5 °C...+50 °C
Relative humidity	5 – 93 %, non-condensing

Ø 8 m	360°	KNX	IP55	2 CH	1 CH	
IR)))						

Product description

- KNX ceiling-mounted presence detector with **360° field of detection**
- Range of up to 8 m in diameter at a recommended installation height of 3 m
- Ultra-compact design with a diameter of just 33 mm
- 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)
- Manual, temporary switching/dimming via user remote control
- Presence and daylight dependent constant light control for optimum energy efficiency
- Presence-dependent switching of HVAC and supplementary lighting
- Functions can be locked by KNX objects
- Can be used as master or slave device
- KNX button control for light channels
- Choice of two luminous efficiencies for orientation light (10% - 50%)
- Night-light feature for internal detector LED

Offers special product features like:

- Presence and daylight dependent constant light control
- KNX functions: Alarm, twilight switch, brightness detection, light-dependent motion detection, snooze function, scene telegram via object

Colour	Black, opal matt
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ELECTRICAL VERSION

Control system	KNX
Protection class	III
Nominal voltage	29 – 31 V DC
Power consumption	0.2 W
Power consumption	6 mA

SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 5 m
Detection range presence	Ø 3 m
Field of detection	up to 50 m ²
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	2
Number of HVAC-channels	1
Push button input lighting	1
Push button input HVAC	-
Slave input	✓

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Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	300 s
Switching delay from "light to dark"	30 s
Constant light control	✓
Sensitivity configurable	✓
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
KNX functions	Presence simulation, Manual override, Master- / slave-toiminto, Night-light feature, Sensitivity configurable, Sends a telegram at regular intervals
Channel	C1 Lighting
Function	Switching, Regulate
Switch contact	Bus system
Push button input	-
Impulse mode	-

Switch-off delay time	30 s...720 min (adjustable in steps)
Orientation light	disabled/10 - 50 %, 2 values can be selected
Channel	C2 Lighting
Function	Switching, Regulate
Offset setting	c2 offset from c1 (-80 % to +80 %)
Push button input	-
Switch-off delay time	10 s...60 min (adjustable in steps)
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	60 s...250 min
Channel	C3 HVAC
Function	Switching
Push button input	-
Switch-on delay	120 s...30 min
Switch-off delay time	10 s...720 min (adjustable in steps)

Factory settings

GENERAL	
Sensitivity	100 %
Orientation light ON	-
Orientation light, depending on brightness	✓
Deviation (%)	0 %
Luminous efficiency switch-on value	60 %

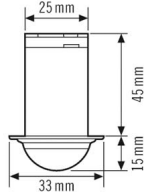
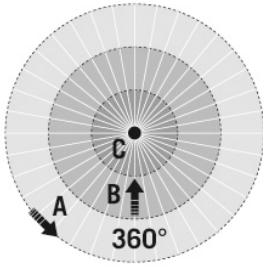
CHANNELS (LIGHTING / HVAC)	
Channel	C1 Lighting
Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min

Accessories

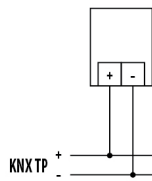
Product designation	Item number	Product description	GTIN
Adapter			
COMPACT MINI SPOTLIGHT ADAPTER 51/25	EP10426391	Adapter for COMPACT MINI (8 m and 12 m) series for installing motion and presence detectors in spotlights (illuminant size QR-CBC51-Ø 51 mm) with retaining ring	4015120426391
Remote control			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	4015120425547
TELESCOPE MAGNET	EC10430022	Telescope magnet	4015120430022

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Dimension drawing	Field of detections	Detection range	
		Diagonally (A)	Ø 8 m
		Frontal (B)	Ø 5 m
		Presence area (C)	Ø 3 m

Circuit diagram



Standard operation.

Detailed product description

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