

PD-C 360i/8 BK

Item number

EP10425233

GTIN

4015120425233



Technical data

GENERAL

Device category	Ceiling-mounted presence detector
Product information	Please note the Explanation of circuit breaker in the download area of the product!
Included in delivery	includes lens mask
User interface	Adjusting controller, IR remote control with "blue mode" technology
Remote controllable	✓
Conformity	CE, EAC, RoHS, SundaHus, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1.5 – 2.5 mm ²

HOUSING

Dimensions	Height/Depth 62 mm, Ø 108 mm
Weight	141 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Protection type with accessory	IP54 with surface-mounted box (order separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 – 93 %, non-condensing
Colour	black, similar to RAL 9005

ELECTRICAL VERSION

Control system	ON/OFF
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Ø 8 m	360°	ON/OFF	IP20	1 CH
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Product description

- Presence detector with **360° field of detection** for ceiling mounting
- **Range of up to 8 m** in diameter at a recommended installation height of 3 m (maximum height 5 m) for use in small rooms and passageways with natural lighting
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

Offers special product features like: Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Protection class	II
Nominal voltage	230 V ~ / 50 Hz
In-rush current	800 A/ 200 µs
Power consumption	0.3 W

SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 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	1
Push button input lighting	1
Push button input HVAC	-
Slave input	✓
Max. number of slave detectors	10
Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	300 s
Switching delay from "light to dark"	30 s
Constant light control	-
Channel	C1 Lighting
Function	Switching
Switching capacity	230 V/50 Hz, 16 AX

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EP10425233	4015120425233

	2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Push button input	✓
		Impulse mode	✓
Switch contact	make contact / non-floating	Switch-off delay time	60 s...30 min (adjustable in steps)

Factory settings

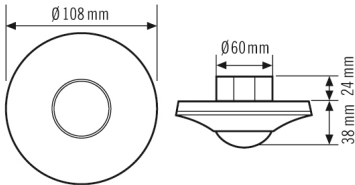
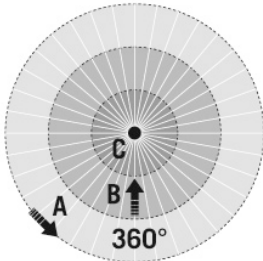
GENERAL		Operating mode	fully automatic
Sensitivity	100 %	Level of brightness/switching threshold	500 lx
CHANNELS (LIGHTING / HVAC)		Switch-off delay time	5 min
Channel	C1 Lighting		

Accessories

Product designation	Item number	Product description	GTIN
Cover			
COMPACT COVER SET 8 BK	EP00007521	Cover set for COMPACT series, 8 m, consists of cover and design ring, black	4015120007521
COMPACT COVER SET 8 SR	EP10425936	Cover set for COMPACT series, 8 m, consists of cover and design ring, stainless steel appearance, similar to RAL 9006	4015120425936
Electrical accessories			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Mounting			
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	4015120426933
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	4015120426940
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
COMPACT APC MOUNTING BOX IP20 SM BK	EP10426285	Surface-mounted box IP20 for COMPACT APC DALI-2	4015120426285
Protection			
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
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 USER	EM10016011	IR remote control for end users	4015120016011
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	4015120425509

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EP10425233	4015120425233

Dimension drawing	Field of detections	Detection range	
		■ Diagonally (A)	Ø 8 m
		■ Frontal (B)	Ø 6 m
		■ Presence area (C)	Ø 4 m

Detailed product description

- Presence detector with **360° field of detection** for ceiling mounting
- **Range of up to 8 m** in diameter at a recommended installation height of 3 m (maximum height 5 m) for use in small rooms and passageways with natural lighting
- 16 A high-performance relay (tungsten pre-contact), ideal for switching capacitive loads such as electronic ballasts, parallel-compensated fluorescent lamps, compact fluorescent lamps, energy saving lamps
- Default settings ensure immediate operability
- and automatically controls the light depending on presence and daylight
- Simple programming using remote control with "blue mode" technology or setting elements
- Integrated toggle for setting with remote control or by adjusting controller - prevents operating errors and provides tamper protection
- Masking of interference sources by reducing sensitivity using DIP switches
- Additional switch input with toggle function "room = ON + OFF/hallway = ON"
- Detector can be used as a fully automatic or semi-automatic device
- Flush-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Easily replaceable/paintable cover and design ring (available in silver as an accessory)
- Field of detection can be extended by connecting slave devices
- Targeted masking out of areas by means of an enclosed lens mask