

## PD-C360i/8 DC24Vplus

<b>Item number</b>	<b>GTIN</b>
EP10425349	4015120425349



### Product description

- Presence detector for 12 - 24 V DC 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
- Additional HVAC switch contact (channel 2) for controlling heating, ventilation and air conditioning depending on presence
- Default settings ensure immediate operability

### Technical data

#### GENERAL

Device category	Presence detector
Included in delivery	Includes lens mask
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, RoHS

#### ATTACHMENT

Installation type	Recessed mounting
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 <sup>2</sup>

#### HOUSING

Dimensions	Height/Depth 38 mm, Ø 108 mm
Weight	131 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Protection type with accessory	IP54 with surface-mounted box (order separately)
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

#### ELECTRICAL VERSION

Control system	ON/OFF
Protection class	III
Nominal voltage	12 - 24 V DC

#### SENSORS

Detection angle	360°
Field of detection	up to
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light

#### CHANNELS (LIGHTING / HVAC)

Channel 1	Lighting
Interface	Switching/Dimming
Contact	make contact / non-floating
Switching capacity channel 1	12-24 V =/2 A
Channel 2	HVAC
Contact	make contact / non-floating
Switching capacity channel 2	12-24 V =/2 A
Switching delay from "dark to light"	300 s
Switching delay from "light to dark"	30 s

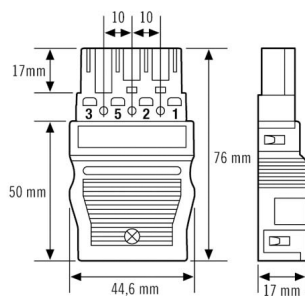
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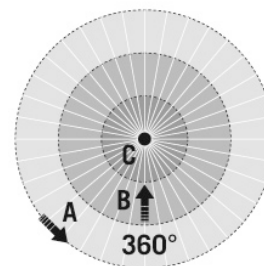
### Accessories

Product designation	Item number	Product description	GTIN
<b>Ceiling-mounted presence detector</b>			
PD-C 360/24 DC24V Slave	EP10425325	Slave presence detector for 12-24 V = to extend the field of detection of a Master presence detector	4015120425325
<b>Cover</b>			
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
<b>Mounting</b>			
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	Surface-mounted box for COMPACT series, IP20, silver	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	Surface-mounted box for COMPACT series, IP54, silver	4015120425912
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
<b>Protection</b>			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
<b>Remote control</b>			
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	4015120425509
Mobil-PDi/MDi-universal	EP10433993	Remote control for quick and precise setting of various parameters	4015120433993
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

### Dimension drawing



### Field of detections



### Detection range

### Detailed product description

- Presence detector for 12 - 24 V DC 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
- Additional HVAC switch contact (channel 2) for controlling heating, ventilation and air conditioning depending on presence
- Default settings ensure immediate operability
- 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

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- Output of measured light value via 0 - 10 V in-built analogue output e.g. for use in facility management programmable control system
- Additional switch input with toggle function "room = ON + OFF/hallway = ON"
- Detector can be used as fully automatic or semi-automatic device (channel 1)
- 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