

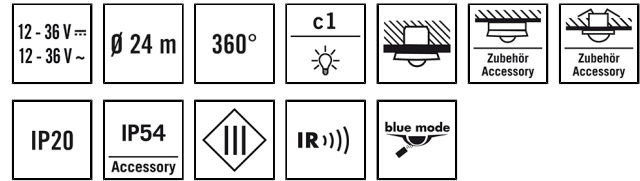
PD-C 360i/24 UC

Item number EP10427329
GTIN 4015120427329



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Included in delivery	Includes lens mask
User interface	IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Flush-mounted/Device socket \varnothing 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, \varnothing 60 mm
Type of connection	Push terminal
Connectable wire cross section	0.75 – 2.5 mm ²
HOUSING	
Dimensions	Height/Depth 70 mm, \varnothing 108 mm
Weight	132.5 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	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	12 – 36 V UC
Protection class	III



Product description

- Presence detector with **360° field of detection** for ceiling mounting
- range of up to 24 m in diameter for the **use in connection with building management systems**
- Operating voltage 12-36 V DC or AC voltage (AC/DC)
- Potential-free software-controlled switching output (C/O)
- Connectable and disconnectable display of detection
- Silent switch up to the maximum of 2 A

Offers special product features like:

- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Nominal voltage	12 – 36 V AC/DC
Power consumption	0.3 W

SENSORS

Detection angle	360°
Detection range diagonally	\varnothing 24 m
Detection range head-on	\varnothing 11 m
Detection range presence	\varnothing 8 m
Field of detection	up to 453 m ²
Recommended installation height	3 m
Max. mounting height	10 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	1
Push button input HVAC	–
Slave input	–
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, Regulate, Dimming
Switching capacity	12 – 36 V UC (AC/DC), 2 A
Switch contact	make contact / floating
Push button input	✓
Impulse mode	✓
Switch-off delay time	60 s...60 min (adjustable in steps)

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Factory settings

GENERAL		Operating mode	fully automatic
Sensitivity	100 %	Level of brightness/switching threshold	2000 lx
CHANNELS (LIGHTING / HVAC)		Impulse mode ON	✓
Channel	C1 Lighting		

Accessories

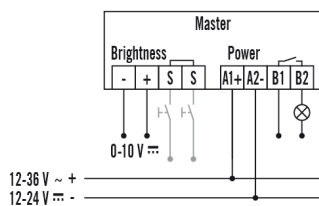
Product designation	Item number	Product description	GTIN
Cover			
COMPACT COVER SET 24/32 SR	EP10425431	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, silver	4015120425431
COMPACT COVER SET 24/32 BK	EP00007491	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, black	4015120007491
Mounting			
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
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	4015120426933
Protection			
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
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 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

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Dimension drawing	Field of detections	Detection range	
		<p>■ Diagonally (A)</p>	<p>Ø 24 m</p>
		<p>■ Frontal (B)</p>	<p>Ø 11 m</p>
		<p>■ Presence area (C)</p>	<p>Ø 8 m</p>

Circuit diagram



Standard operation with optional control via a closing button.

Detailed product description

- Presence detector with **360° field of detection** for ceiling mounting
- range of up to 24 m in diameter for the **use in connection with building management systems**
- Operating voltage 12-36 V DC or AC voltage
- Potential-free software-controlled switching output (C/O)
- Connectable and disconnectable display of detection
- Silent switch up to the maximum of 2 A
- Additional switch input for individual manual lighting control
- 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)
- Targeted masking out of areas by means of an enclosed lens mask
- Default settings ensure immediate operability