

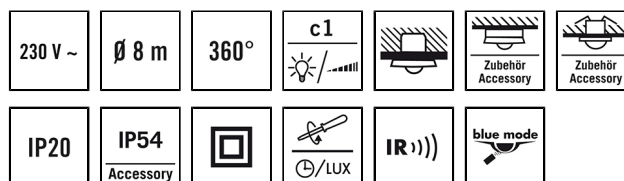
PD-C 360i/8 DIM

Item number **GTIN**
 EP10426711 4015120426711



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!
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting / device box (Ø 68 mm)
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1.50 – 2.50 mm ²
HOUSING	
Dimensions	Height/Depth 62 mm, Ø 108 mm
Weight	141 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP54 with surface-mounted box (order separately), IP 20 as recessed ceiling-mounted version (order installation set separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010



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 mounting height 5 m)
 - Automatic light control to a **constant brightness level** depending on presence and natural light (1 - 10 V DC interface)
 - 16 A high-performance relay (tungsten pre-contact)
 - Default settings ensure immediate operability
- Offers special product features like:**
- Presence and daylight dependent constant light control
 - Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

ELECTRICAL VERSION	
Control system	1 - 10 V
Protection class	II
Nominal voltage	230 - 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

PD-C 360i/8 DIM

Item number	GTIN
EP10426711	4015120426711

Function	Switching, Regulate, Dimming
Switching capacity	230 V/50 Hz, 16 AX 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED
Switch contact	make contact / non-floating

Push button input	✓
Impulse mode	✓
Switch-off delay time	60 s...30 min (adjustable in steps)
Orientation light	10 % luminous efficiency
Switch-off delay time, orientation light	60 s...60 min

Factory settings

GENERAL	
Sensitivity	100 %
Afterglow luminous efficiency	10 %
Orientation light ON	–
Orientation light, depending on brightness	✓
Switching threshold for orientation light	500 lx
Luminous efficiency switch-on value	10 %

CHANNELS (LIGHTING / HVAC)	
Channel	C1 Lighting
Operating mode	fully automatic
Level of brightness/switching threshold	400 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	10 %
Duration of switch-off warning	300 s

Accessories

Product designation	Item number	Product description	GTIN
Ceiling-mounted presence detector			
PD-C 360/8 Slave	EP10055379	Slave presence detector for extending the field of detection of a Master presence detector	4015120055379
PD-C 360/24 Slave	EP10055386	Slave presence detector for extending the field of detection of a Master presence detector	4015120055386
PD-C 360/32 Slave	EP10427770	Slave presence detector for extending the field of detection of a Master presence detector	4015120427770
Cover			
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
COMPACT COVER SET 8 BK	EP00007521	Cover set for COMPACT series, 8 m, consists of cover and design ring, black	4015120007521
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 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

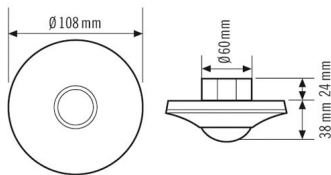
PD-C 360i/8 DIM

Item number	GTIN
EP10426711	4015120426711

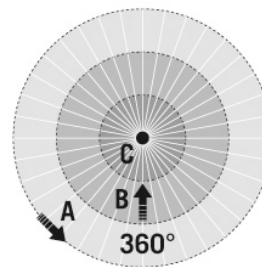
Accessories

Product designation	Item number	Product description	GTIN
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/plus	EM10425530	IR remote control for presence detector with HVAC contact (plus)	4015120425530
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	4015120425547

Dimension drawing



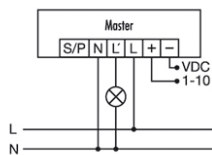
Field of detections



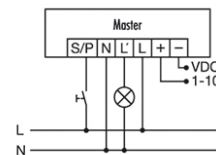
Detection range

Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m
Presence area (C)	Ø 4 m

Circuit diagram



Circuit diagram



Standard operation

Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.