

## PD 360i/8 BASIC

**Item number** EB10430435  
**GTIN** 4015120430435



### 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! Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Product-specific information	Lens mask and spacer not included in delivery
Warranty	5 years
ATTACHMENT	
Installation type	Surface mounted (plaster), Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Type of connection	Push terminal
Connectable wire cross section	1,5 – 2,5 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 33 mm, Ø 101 mm
Weight	101 g
Material	UV-stabilised polycarbonate
Protection type	IP40
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

### Product description

- Presence detector with **360° field of detection** For ceiling mounting
- **Range of up to 8 m** in the diameter at a recommended installation height of 3 m
- 10 A high-performance relay
- Zero-cross switching for gentle switching
- Remote controllable
- Factory setting for immediate operational readiness

### Offers special product features such as:

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

Protection class	II
Nominal voltage	230 V AC / 50 Hz
In-rush current	78 A / 5 ms
Power consumption	0,2 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 <sup>2</sup>
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	-
Number of parallel switchable detectors	8
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	<b>C1</b> Lighting
Function	Switching
Switching capacity	230 V/50 Hz

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	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	15 s...30 min (adjustable in steps)

### Factory settings

GENERAL	
Sensitivity	100 %
CHANNELS (LIGHTING / HVAC)	
Channel	C1 Lighting

Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min

### Accessories

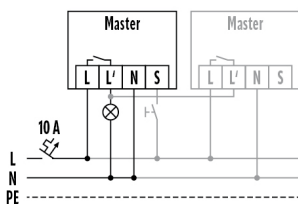
Product designation	Item number	Product description	GTIN
<b>Accessories</b>			
BASIC MOUNTING BOX IP20 SM WH	EB10423147	Surface-mounted box for BASIC series, IP20, white	4015120423147
<b>Adapter</b>			
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white, compatible with BASIC IP40 variants	4015120423130
<b>Cover</b>			
BASIC 8 LENS MASK	EB10423093	Lens mask 8 m	4015120423093
<b>Electrical accessories</b>			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
<b>Mounting</b>			
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
<b>Remote control</b>			
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

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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



Standard operation with optional control via a closing button and parallel wiring of max. 8 devices

### Detailed product description

- Presence detector with **360° field of detection** For ceiling mounting
- **Range of up to 8 m** in the diameter at a recommended installation height of 3 m
- 10 A high-performance relay
- Zero-cross switching: Extension of the service life of the relay and bulbs with electronic ballasts (e.g. fluorescent lamps, LED) thanks to more gentle switching in zero-cross switching.
- Factory setting for immediate operational readiness
- Automatic light control depending on presence and daylight
- Additional switch input
- Remote controllable
- Standard version as surface-mounted device, recessed ceiling mounting possible with accessories
- Sensing range upgrade through parallel connection