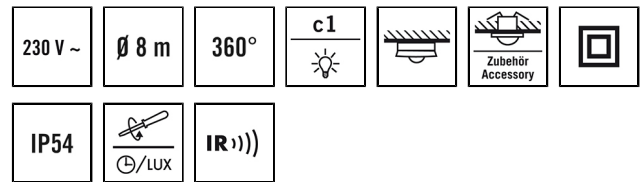


## PD 360i/8 BASIC IP54

**Item number** EB10431272  
**GTIN** 4015120431272



### Product description

- Ceiling-mounted presence detector with 360° field of detection
- Automatic light control depending on presence and daylight
- Range of up to 8 m in diameter at a recommended installation height of 3 m
- Protection type: IP54
- 10 A high-performance relay
- Protective zero-cross switching: extension of the lifetime of the relay and illuminants using electronic ballasts (e.g. fluorescent lamps, LEDs)
- Factory settings for immediate operational readiness
- Additional switch input
- Remote controllable
- Standard version as surface-mounted device, recessed ceiling mounting possible with accessories
- Sensing range upgrade through parallel connection

### Offers special product features like:

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

### Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Included in delivery	Includes lens mask
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
Product-specific information	Lens mask and spacer not included in delivery
Warranty	5 years
ATTACHMENT	
Installation type	Surface mounting
Installation position	Ceiling
Type of connection	Screwed terminal
Connectable wire cross section	0.75 – 2.50 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 50 mm, Ø 101 mm
Weight	120 g
Material	UV-stabilised polycarbonate
Protection type	IP54
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	II
Nominal voltage	230 V ~ / 50 - 60 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>
Range adjustment	mechanically with included cut to size lens mask
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

## PD 360i/8 BASIC IP54

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Switching delay from "dark to light"	300 s	2300 W/10 A (cos phi = 1)
Switching delay from "light to dark"	30 s	1150 VA/5 A (cos phi = 0,5)
Constant light control	–	600 W LED
Channel	<b>C1</b> Lighting	Switch contact
Function	Switching	make contact / non-floating
Switching capacity	230 V/50 Hz	Push button input
		✓
		Impulse mode
		✓
		Switch-off delay time
		15 s...30 min (adjustable in steps)

### Factory settings

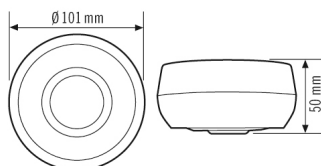
GENERAL	
Sensitivity	100 %

CHANNELS (LIGHTING / HVAC)	
Channel	<b>C1</b> Lighting
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min

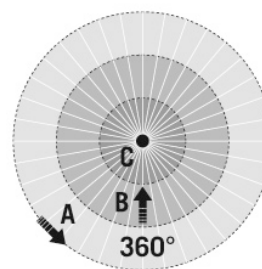
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
BASIC IP54 8 LENS MASK	EB10423512	Spare part Lens mask 8 m IP54	4015120423512
<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

### Dimension drawing



### Field of detections



### Detection range

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

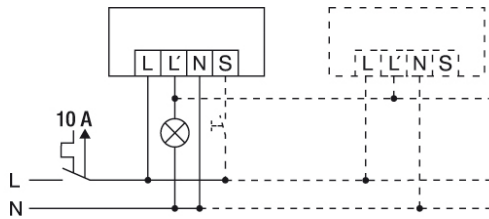
# DATA SHEET

## PD 360i/8 BASIC IP54

**Item number**      **GTIN**  
EB10431272      4015120431272

### Circuit diagram

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*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. To extend the field of detection, the detectors can be connected in parallel.*