DATA SHEET

ESYLUX

PD 360/8 BASIC

Item number	GTIN
EB10430411	4015120430411

230 V ~	Ø 8 m	360°	c1 ☼	Zubehör Accessory	IP40
□	⏲/LUX				

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
- Factory setting for immediate operational readiness

Offers special product features like:
- Zero-cross switching

5 YEARS MANUFACTURER WARRANTY

Technical data

GENERAL

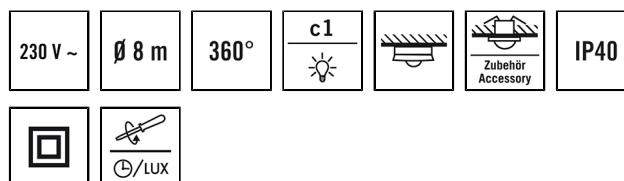|	
Device category	Ceiling-mounted presence detector
Product information	Please note the Explanation of circuit breaker in the download area of the product!
User interface	Adjusting controller
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Product-specific information	Lens mask and spacer not included in delivery
Warranty	5 years

ATTACHMENT

Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Type of connection	Push terminal
Connectable wire cross section	1.5 – 2.5 mm²

HOUSING

Dimensions	Height/Depth 33 mm, Ø 101 mm
Weight	86 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
Protection class	II
Nominal voltage	230 V ~ / 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 m²
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	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
Switching capacity	230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED

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![ESYLUX logo]

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Switch contact	make contact / non-floating	Impulse mode	✓
Push button input	✓	Switch-off delay time	15 s...30 min (adjustable in steps)

Factory settings

Channel	**C1** Lighting	Switch-off delay time	5 min
Level of brightness/switching threshold	500 lx		

Accessories

Product designation	Item number	Product description	GTIN
Accessories			
BASIC MOUNTING BOX IP20 SM WH	EB10423147	Surface-mounted box for BASIC series, IP20, white	4015120423147
Adapter			
BASIC SPACER WH	EB10423130	Spacer for BASIC series, white, compatible with BASIC IP40 variants	4015120423130
Cover			
BASIC 8 LENS MASK	EB10423093	Lens mask 8 m	4015120423093
Mounting			
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
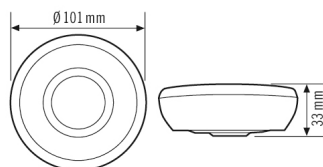
Dimension drawing	Field of detections	Detection range	
Ø 101 mm / 33 mm	C / B / A / 360°	▢ Diagonally (A)	Ø 8 m
		▩ Frontal (B)	Ø 6 m
		▩ Presence area (C)	Ø 4 m
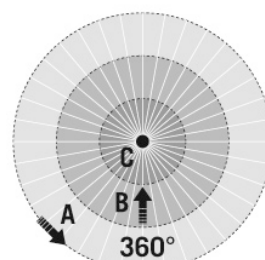
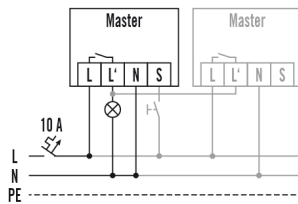# DATA SHEET

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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
- Standard version as surface-mounted device, recessed ceiling mounting possible with accessories
- Sensing range upgrade through parallel connection