DATA SHEET

ESYLUX

BASIC EXPRESS PD 360° 08 IR 1C FM IP23 WH

Item number	GTIN
EB10431784	4015120431784

5 YEARS MANUFACTURER WARRANTY

Product description

- Presence detector with 360° detection angle for recessed ceiling mounting
- Range of up to 8 m in diameter at a recommended installation height of 2.5 m
- 10 A high-performance relay
- Zero-cross switching for gentle switching
- Factory settings mean the device is ready for immediate use
- Easy to configure via remote control or using the ESY-Pen and ESY-App

Offers special product features such as:

- Zero-cross switching
- Easy to configure, remotely control and document using the ESY-Pen and ESY-App

Technical data

GENERAL

Device category	Ceiling-mounted presence detector
Included in delivery	*UNDEFINED TEXT*
Product information	Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).
User interface	IR remote control with "blue mode" technology, Push button input
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Recessed ceiling mounting
Installation position	Ceiling
Installation dimension	Installation depth: 57 mm, Ø 62 mm
Type of connection	Push terminal
Connectable wire cross section	0,75 – 2,5 mm^2

HOUSING

Dimensions	Height/Depth 79 mm, Ø 79 mm
Weight	82 g
Material	UV-stabilised polycarbonate
Protection type	IP23
Permissible ambient temperature	-25 °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 AC / 50 Hz
In-rush current	78 A / 5 ms
Power consumption	0,4 W

SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 5 m
Detection range presence	Ø 4 m
Field of detection	up to 50 m^2
Recommended installation height	2,5 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	10 – 2000 lx

CHANNELS (LIGHTING / HVAC)

Push button input lighting	1
Number of parallel switchable detectors	10
Slave input	–
Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	0 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) 400 W LED
Switch contact	make contact / non-floating

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Switch-off delay time	15 s...30 min (adjustable in steps)

Accessories

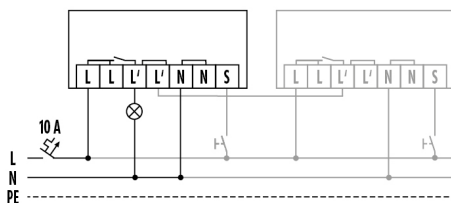| Product designation	Item number	Product description	GTIN
Electrical accessories			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
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

Dimension drawing
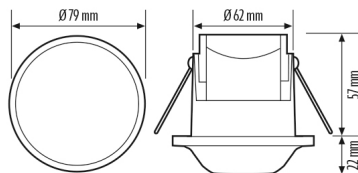
Field of detections
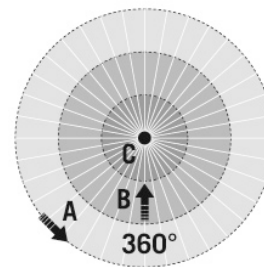
Detection range

	Diagonally (A)	Ø 8 m
	Frontal (B)	Ø 5 m
	Presence area (C)	Ø 4 m

Circuit diagram

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

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Detailed product description

- Presence detectors with 360° detection angle for recessed ceiling mounting
- Range of up to 8 m in diameter at a recommended installation height of 2.5 m
- 10 A high-performance relay
- Zero-cross switching: Extension of the service life of the relay and illuminant with electronic ballasts (e.g. fluorescent luminaires, LEDs) through gentle zero-cross switching
- Factory settings mean the device is ready for immediate use
- Easy to configure via remote control or using the ESY-Pen and ESY-App
- Automatic light control
- Additional push button input
- Detection angle can be extended using parallel wiring