DATA SHEET

ESYLUX

MD 360/8 BASIC IP54

Item number	GTIN
EB10431340	4015120431340

Ø 8 m	360°	ON/OFF	IP54	1 CH

Product description

- Ceiling-mounted presence detector with 360° field of detection
- Range of up to 8 m in diameter at a recommended installation height of 3 m
- Protection type: IP54
- 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 settings for immediate operational readiness
- Automatic light control depending on presence and daylight
- Additional switch input
- Sensing range upgrade through parallel connection

Offers special product features such as:

- Zero-cross switching

5 YEARS MANUFACTURER WARRANTY

Technical data

GENERAL

Device category	Ceiling-mounted motion 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
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)
Installation position	Ceiling
Type of connection	Screwed terminal
Connectable wire cross section	0,75 – 2,5 mm^2

HOUSING

Dimensions	Height/Depth 51 mm, Ø 102 mm
Weight	130 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 AC / 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
Field of detection	up to 50 m^2
Range adjustment	mechanically using a lens mask that can be cut to size (available as an accessory)
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 1000 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 "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)

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

Accessories

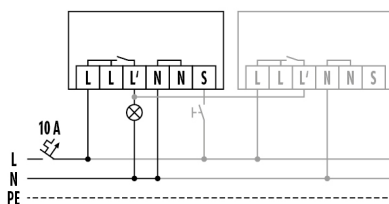| Product designation	Item number	Product description	GTIN
Cover			
BASIC IP54 8 LENS MASK	EB10423512	Lens mask 8 m IP54	4015120423512
Electrical accessories			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608

Dimension drawing

Ø 101 mm
50 mm
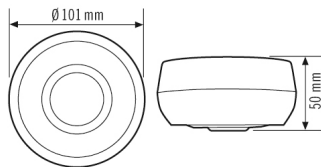
Field of detections

A B
360°
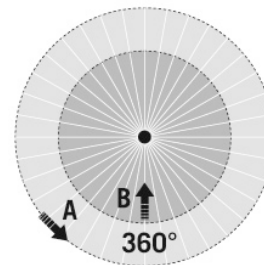
Detection range

	Diagonally (A)	Ø 8 m
	Frontal (B)	Ø 6 m

Circuit diagram

L L L' N N S   L L L' N N S

10 A

L
N
PE

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

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Detailed product description

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