

## MD 360i/24 BASIC IP54

**Item number** EB10431326  
**GTIN** 4015120431326



### 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, 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)
Installation position	Ceiling
Type of connection	Screwed terminal
Connectable wire cross section	0,75 - 2,5 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 71 mm, Ø102 mm
Weight	145 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

### Product description

- Ceiling-mounted presence detector with 360° field of detection
- Range of up to 24 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
- Remote controllable
- Sensing range upgrade through parallel connection

### Offers special product features such as:

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

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	Ø24 m
Detection range head-on	Ø8 m
Field of detection	up to 453 m <sup>2</sup>
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	Semi-automatic, Fully automatic
Switching delay from "light to dark"	30 s
Constant light control	-
Channel	<b>C1</b> 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
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 %

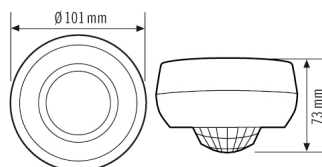
Operating mode	fully automatic
Level of brightness/switching threshold	100 lx
Switch-off delay time	5 min

CHANNELS (LIGHTING / HVAC)	
Channel	C1 Lighting

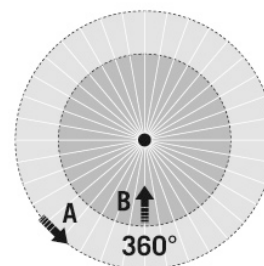
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
BASIC IP54 24 LENS MASK	EB10423505	Lens mask 24 m IP54	4015120423505
<b>Electrical accessories</b>			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
<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 24 m
Frontal (B)	Ø 8 m

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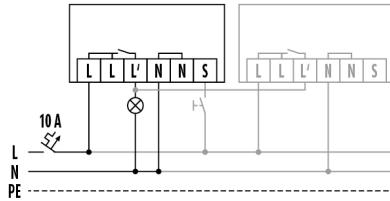
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### Circuit diagram

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

### Detailed product description

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