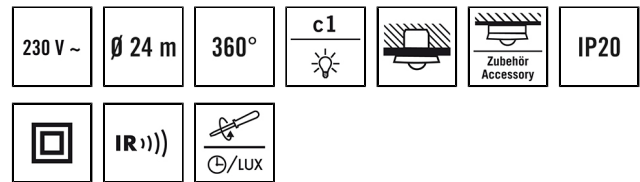


MD 360i/24

Item number **GTIN**
 EM10055300 4015120055300



Product description

- Motion detector with 360° field of detection for ceiling mounting
- Large range of up to 24 m in diameter for a wide variety of applications
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

Technical data

GENERAL	
Device category	Ceiling-mounted motion detector
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, RoHS, SundaHus, WEEE
Warranty	3-year
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 15 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1,50 - 2,50 mm ²
HOUSING	
Dimensions	Height/Depth 75 mm, Ø 140 mm
Weight	370 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP54 with surface-mounted box (order separately)
Permissible ambient temperature	0 °C...+55 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 V / 50 Hz
Power consumption	1 W

In-rush current	450 A / 200 µs
SENSORS	
Detection angle	360°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 8 m
Field of detection	up to 453 m ²
Recommended installation height	3 m
Max. mounting height	10 m
Light measurement	mixed light
CONTROL	
Number of light channels	1
Push button input lighting	1
Push button input HVAC	–
Slave input	–
Mode	Semi-automatic, Fully automatic
Konstantlichtregelung	–
Channel 1	Lighting
Interface	Switching
Contact	make contact / non-floating
Switching capacity channel 1	230 V/50 Hz, 16 AX 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED
Push button input channel 1	✓
Switch-off delay channel 1	15 s...30 min
Master/slave function	–
Manual override	yes

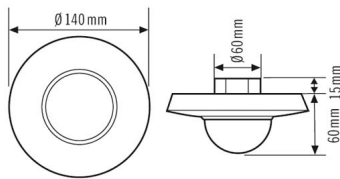
MD 360i/24

Item number	GTIN
EM10055300	4015120055300

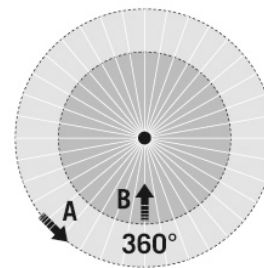
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL MDi/PDi	EM10425509	4015120425509
STANDARD MOUNTING BOX IP54 SM WH	EM10425400	4015120425400
BASKET GUARD ROUND SMALL	EM10425615	4015120425615
BASKET GUARD ROUND LARGE	EM10425608	4015120425608
FILTER 230 V	EP10426988	4015120426988

Scale drawing



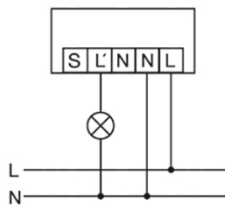
Field of detections



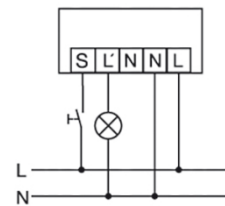
Detection range

Diagonally (A)	Ø 24 m
Frontal (B)	Ø 8 m

Circuit diagram



Circuit diagram



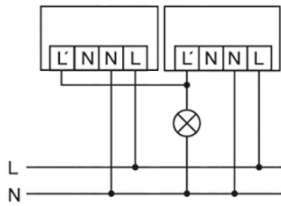
Standard operation

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.

MD 360i/24

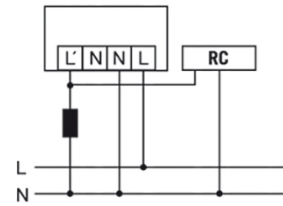
Item number GTIN
 EM10055300 4015120055300

Circuit diagram



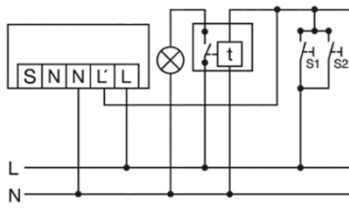
Parallel connection of max. 6 devices.

Circuit diagram



An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).

Circuit diagram



Parallel connection with automatic stairwell light.