

DATA SHEET

ESYLUX

MD-C 360i/8

Item number

EP10055393

GTIN

4015120055393



Technical data

GENERAL

Device category	Ceiling-mounted motion detector
Product information	Please note the Declaration of circuit breaker in the download area of the product!
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, EAC, RoHS, SundaHus, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Recessed mounting / device box (Ø 68 mm)
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1,50 – 2,50 mm ²

HOUSING

Dimensions	Height/Depth 62 mm, Ø 108 mm
Weight	1410 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP20/IP54 with surface-mounted box (order separately), IP20 as recessed ceiling-mounted version (order installation set separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

230 V ~	Ø 8 m	360°	c1			
IP20	IP54 Accessory			IR)))		

Product description

- Motion detector with **360° field of detection** for ceiling mounting
- **Range of up to 8 m** across at a recommended installation height of 3 m (maximum installation height 5 m) for use in small rooms and passageways with no or little natural lighting
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

Offers special product features like:

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

Control system	ON/OFF
Protection class	II
Nominal voltage	230 V AC / 50 Hz
In-rush current	800 A / 200 µs
Power consumption	0,3 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
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	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

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Switching capacity

230 V/50 Hz, 16 AX
2300 W/10 A (cos phi = 1)
1150 VA/5 A (cos phi = 0,5)
600 W LED

Switch contact

make contact / non-floating

Push button input

✓

Impulse feature

✓

Switch-off delay time

60 s...30 min (adjustable in steps)

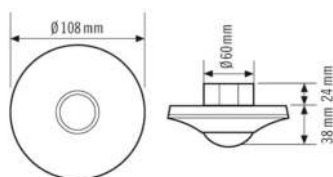
Accessories

Product designation

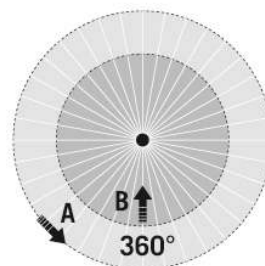
GTIN

Cover	
COMPACT COVER SET 8 SR	4015120425936
COMPACT COVER SET 8 BK	4015120007521
Electrical accessories	
FILTER 230 V	4015120426988
Mounting	
COMPACT MOUNTING BOX IP20 SM WH	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	4015120425912
MOUNTING SET IP20 FM 62 WH	4015120425929
COMPACT MOUNTING BOX IP54 SM BK	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	4015120426933
Protection	
BASKET GUARD ROUND SMALL	4015120425615
BASKET GUARD ROUND LARGE	4015120425608
Remote control	
ESY-Pen	4015120425356
REMOTE CONTROL MDi/PDi	4015120425509

Scale drawing



Field of detections



Detection range

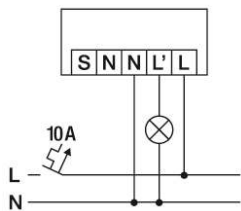
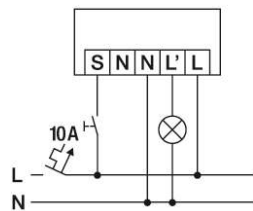
Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m

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Circuit diagram

Circuit diagram

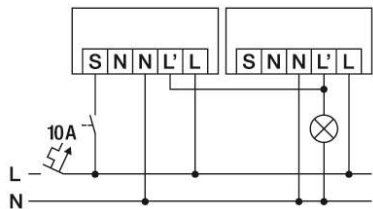
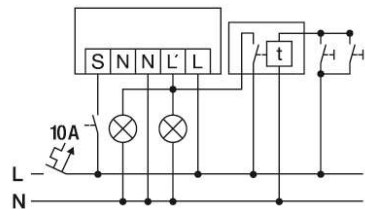


Standard operation

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.

Circuit diagram

Circuit diagram



A maximum of 10 devices can be connected in parallel.

Parallel connection with automatic stairwell light.