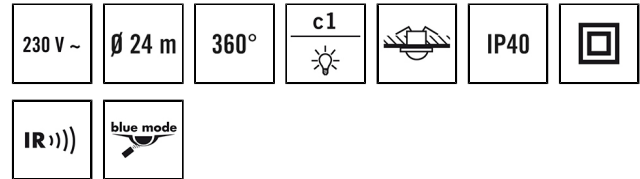


## MD-CE 360i/24 WIELAND GST18

**Item number**      **GTIN**  
 EP10510038      4015120510038



### 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!
Included in delivery	Includes lens mask
User interface	IR remote control with "blue mode" technology
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Product-specific information	Configuration only possible via ESY-Pen, ESY-App and remote control
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 67 mm, Ø 68 mm
Type of connection	Plug
Connector	WIELAND gesis CLASSIC GST18i3
Connectable wire cross section	0.75 – 2.5 mm <sup>2</sup>
Number of contacts	3
Type of cable	H05Z1Z1-F
Length of cable	1.5 m
HOUSING	
Dimensions	Height/Depth 32 mm, Ø 82 mm
Weight	465 g
Material	UV-stabilised polycarbonate
Protection type	IP40
Permissible ambient temperature	-25 °C...+50 °C

### Product description

- Recessed ceiling-mounted motion detector with **360° field of detection**
  - Large **range of up to 24 m** in diameter at a recommended installation height of 3 m (maximum mounting height 5 m), suitable for a variety of uses
  - **1.0 m pre-assembled GST18i3 inlet and outlet**
  - 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

Relative humidity	5 – 93 %, non-condensing
Colour	opal matt

### ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	230 V ~ / 50 Hz
In-rush current	800 A / 200 µs
Power consumption	0.3 W

### SENSORS

Detection angle	360°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 11 m
Field of detection	up to 453 m <sup>2</sup>
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

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Constant light control	–	600 W LED	
Channel	C1 Lighting	Switch contact	make contact / non-floating
Function	Switching	Push button input	✓
Switching capacity	230 V/50 Hz, 16 AX 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5)	Impulse mode	✓
		Switch-off delay time	60 s...30 min (adjustable in steps)

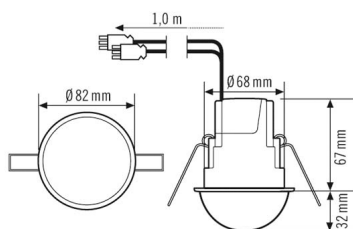
### Factory settings

GENERAL		Operating mode	
Sensitivity	100 %	Operating mode	fully automatic
<b>CHANNELS (LIGHTING / HVAC)</b>		Level of brightness/switching threshold	100 lx
Channel	C1 Lighting	Switch-off delay time	5 min

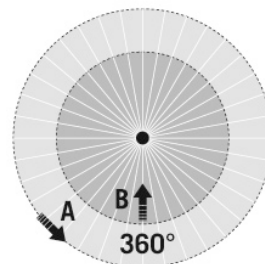
### Accessories

Product designation	Item number	Product description	GTIN
<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 SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
<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
REMOTE CONTROL USER	EM10016011	IR remote control for end users	4015120016011

### Dimension drawing



### Field of detections



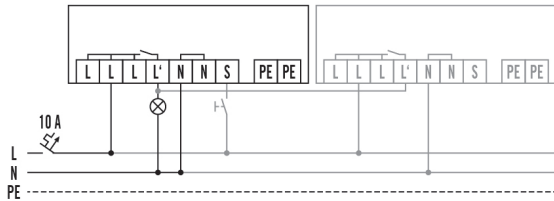
### Detection range

Diagonally (A)	Ø 24 m
Frontal (B)	Ø 11 m

## MD-CE 360i/24 WIELAND GST18

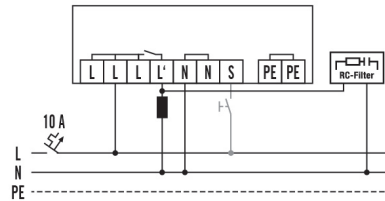
**Item number**      **GTIN**  
 EP10510038      4015120510038

### Circuit diagram



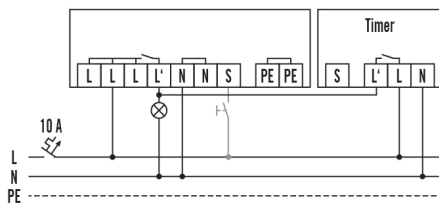
Standard with optional control via a closing button and parallel wiring of max. ten devices.

### Circuit diagram



When connecting inductors (e.g. relays, contactors, ballasts) the use of a filter (A) may be necessary.

### Circuit diagram



Standard operation with automatic stairwell light and optional control via a closing button.

### Detailed product description

- Motion detector with **360° field of detection** for ceiling mounting
- **range of up to 24 m** in diameter at a recommended installation height of 3 m, suitable for a variety of uses
- 1.0 m pre-assembled GST18i3 inlet and outlet
- 16 A high-performance relay (tungsten pre-contact), ideal for switching capacitive loads such as electronic ballasts, parallel-compensated fluorescent lamps, compact fluorescent lamps, energy saving lamps
- Default settings ensure immediate operability
- Simple programming using remote control with "blue mode" technology
- Small overall dimensions with a ceiling cut of  $\varnothing$  68 mm make this detector inconspicuous but effective in its application
- Additional switch input for individual manual lighting control
- Extension of the field of detection with parallel connection of max. 8 detectors
- Targeted masking out of areas by means of an enclosed lens mask