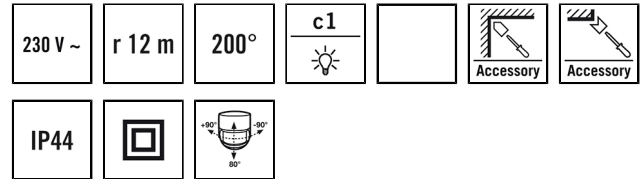


# DATA SHEET

## MD 200 white

**Item number**      **GTIN**  
EM10025310      4015120025310



### Product description

- Motion detector with **200° field of detection** for convenient light switching
  - Sensing and range adjustment due to revolving and tilting spherical head technology
  - Special bracket for mounting on inner and outer corners, available as accessory
- Offers special product features like:**
- One-hand plug-in base
  - Zero-cross switching

### Technical data

GENERAL	
Device category	Outdoor motion detector
Product information	Please note the Explanation of circuit breaker in the download area of the product!
User interface	Adjusting controller
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Surface mounting
Installation position	Wall
Type of connection	Push terminal
Connectable wire cross section	1,50 – 2,50 mm <sup>2</sup>
HOUSING	
Dimensions	Length 102 mm x Width 74 mm x Height/Depth 81 mm
Weight	31 g
Material	UV-stabilised polycarbonate
Protection type	IP44
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	II
Nominal voltage	230 V AC / 50 Hz
In-rush current	30 A / 20 ms

Power consumption	0,5 W
SENSORS	
Detection angle	200° sensor horizontally rotatable +/- 90°
Detection range diagonally	Ø 20 m
Detection range head-on	Ø 10 m
Field of detection	up to 175 m <sup>2</sup>
Range adjustment	mechanically by tilting the motion detector head max 80°
Recommended installation height	2,5 m
Max. mounting height	2,5 m
Light measurement	mixed light
Level of brightness	3 - 2000 lx
CHANNELS (LIGHTING / HVAC)	
Number of light channels	1
Push button input HVAC	–
Number of parallel switchable detectors	8
Slave input	–
Switching delay from "dark to light"	0 s
Switching delay from "light to dark"	0 s
Constant light control	–
Channel	<b>C1</b> Lighting
Function	Switching
Switching capacity	230 V/50 Hz 1000 W/4,5 A (cos phi = 1) 500 VA/2,25 A (cos phi = 0,5) 250 W LED
Switch contact	make contact / non-floating
Push button input	–

## MD 200 white

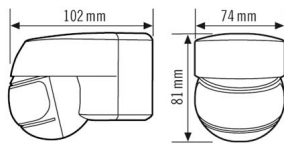
**Item number**      **GTIN**  
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Impulse mode      –      Switch-off delay time      4 s...10 min (adjustable in steps)

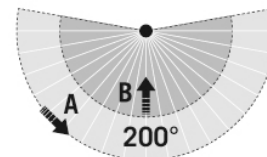
### Accessories

Product designation	GTIN
Electrical accessories	
FILTER 230 V	4015120426988
Mounting	
MD EDGE MOUNTING WH	4015120025518
MD EDGE MOUNTING BN	4015120025525
MD EDGE MOUNTING BK	4015120025532

### Dimension drawing



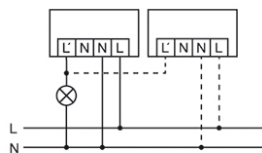
### Field of detections



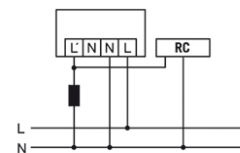
### Detection range

■ Diagonally (A)	Ø 20 m
■ Frontal (B)	Ø 10 m

### Circuit diagram



### Circuit diagram



Standard operation parallel connection of max. 8 devices

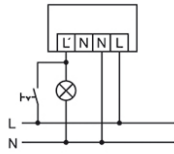
An RC filter may be required when connecting inductors (e.g. relays, contactors, ballasts).

# DATA SHEET

## MD 200 white

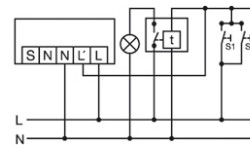
**Item number**      **GTIN**  
EM10025310      4015120025310

### Circuit diagram



*Standard operation with additional continuous lighting function through external switch.*

### Circuit diagram



*Parallel connection with automatic stairwell light.*