

## DATA SHEET

### MD-W 200i

#### Order description

MD-W 200i white

#### Item number

EM10041006

#### GTIN

4015120041006



#### Product description

- Motion detector with 200° field of detection in modern design
- Covering cap accessories for a colourful look
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability

#### Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
warranty	5-year
MOUNTING	
Installation type	Surface mounting
Installation position	Wall
HOUSING	
Dimensions	Height/Depth 55 mm, Ø 110 mm
Weight	198 g
Housing material	UV-stabilised polycarbonate
Protection type	IP 55
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	white, similar to RAL 9010
Terminal	2,5 mm <sup>2</sup> / 1,5 mm <sup>2</sup>
ELECTRICAL VERSION	
Protection class	II
Nominal voltage	230 - 230 V / 50 Hz
SENSORS	
Power consumption	0,3 W
Detection angle	200° (2 x 100° separately adjustable)
Detection range diagonally	20 m
Detection range head-on	5 m
Field of detection	175 m <sup>2</sup>

Range adjustment	mechanically with internal lens cover
Recommended installation height	2,5 m
Max. mounting height	2,5 m
Light measurement	mixed light
Level of brightness	2 - 2000 lx
Number of light channels	1
Number of switching contacts	0
Slave input	No
Number of parallel switchable detectors	8
Fully automatic	yes
Semi-automatic	No
Impulse feature	yes
constant lighting control	false
Switching delay from "dark to light" [s]	0 s
Switching delay from "light to dark" [s]	0 s

#### CONTROL

Channel 1	Lighting
Interface	Switching
Contact	make contact/non-floating
Switching capacity channel 1	230 V AC 50 Hz, 16 A relay, 2300 W/10 A (cos phi = 1), 1150 VA/5 A (cos phi = 0.5)
In-rush current	800 A / 200 µs
Switch-off delay channel 1	15 s - 16 min
Master/slave function	false
constant lighting control	false
Manual override	No

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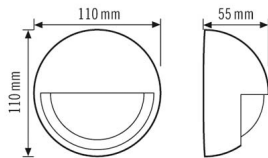
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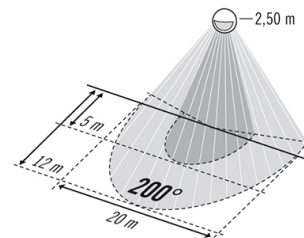
#### Accessories

Product designation	Item number	GTIN
MD-W covering cap	EM10041105	4015120041105
ESY-Pen	EP10425356	4015120425356
Mobil-RCi-M	EM10016011	4015120016011

#### Scale drawing

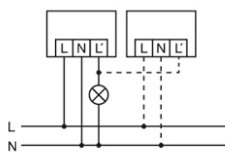


#### Field of detection

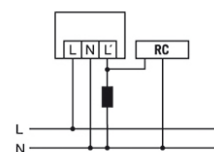


- Head-on to detector
- Passage area / diagonally to detector

#### 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).

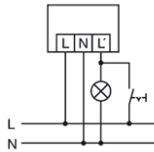
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#### Circuit diagram

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Standard operation with additional continuous lighting function through external switch.

**Energy Conservation Solutions Pty Ltd**  
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