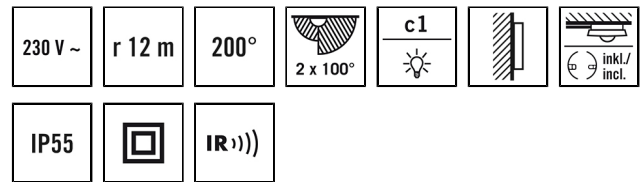


MD-W 200i black

Item number **GTIN**
EM10041020 4015120041020



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

Offers special product features like:

- One-hand plug-in base



Technical data

GENERAL	
Device category	Outdoor 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, 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 ²
HOUSING	
Dimensions	Height/Depth 55 mm, Ø 110 mm
Weight	190 g
Material	UV-stabilised polycarbonate
Protection type	IP55
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	Black, similar to RAL 9005
ELECTRICAL VERSION	
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	200° (2 x 100° separately adjustable)
Detection range diagonally	Ø 20 m
Detection range head-on	Ø 10 m
Field of detection	up to 175 m ²
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
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	C1 Lighting
Function	Switching
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	–

DATA SHEET

MD-W 200i black

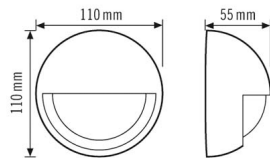
Item number	GTIN
EM10041020	4015120041020

Switch-off delay time 15 s...16 min (adjustable in steps)

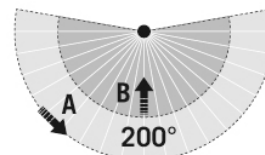
Accessories

Product designation	GTIN
Cover	
MD-W COVER WH	4015120041099
MD-W COVER BK	4015120041112
MD-W COVER BN	4015120041105
MD-W COVER SR	4015120041129
Electrical accessories	
CURRENT LIMITING MODULE 230V	4015120426353
Remote control	
ESY-Pen	4015120425356
REMOTE CONTROL USER	4015120016011

Scale drawing



Field of detections



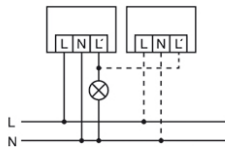
Detection range

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

MD-W 200i black

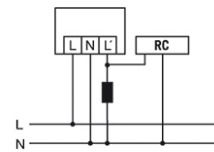
Item number **GTIN**
EM10041020 4015120041020

Circuit diagram



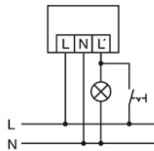
Standard operation parallel connection of max. 8 devices

Circuit diagram



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

Circuit diagram



Standard operation with additional continuous lighting function through external switch.