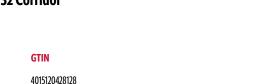
## **DATA SHEET**

### MD-C 360i/32 Corridor

Item number

EP10428128





#### **Product description**

- Motion detector with 360° field of detection for ceiling mounting
- Large Range of up to 32 m in corridors or passages in diameter at a recommended installation height of 3 m (maximum mounting height 10 m), suitable for a variety of uses
- 16 A high-performance relay (tungsten pre-contact)
- Default settings ensure immediate operability
- Offers special product features such as:
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App



#### **Technical data**

#### GENERAL

GENERAL	
Device category	Ceiling-mounted motion detector
Included in delivery	includes lens mask
Product information	Please note the Explanation of circuit breaker in the download area of the product! Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).
User interface	Adjusting controller, IR remote control with "blue mode" technology
Remote controllable	$\checkmark$
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

#### ATTACHMENT

Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1,5 – 2,5 mm <sup>2</sup>

#### HOUSING

Dimensions	Height/Depth 70 mm, Ø 108 mm	
Weight	144 g	
Material	UV-stabilised polycarbonate	
Protection type	IP20	
Permissible ambient temperature	-25 °C+50 °C	
Relative humidity	5 – 93 %, 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	800 A / 200 μs
Power consumption	0,3 W
Stand-by consumption	< 0.3 W

#### SENSORS

Detection angle	360°
Detection range diagonally	32 m elliptical
Detection range head-on	Ø16 m
Field of detection	up to 628 m <sup>2</sup>
Recommended installation height	3 m
Max. mounting height	10 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"	30 s
Switching delay from "light to dark"	300 s
Constant light control	-
Channel	<b>C1</b> Lighting



## **DATA SHEET**

### MD-C 360i/32 Corridor



Item number	GTIN		
EP10428128	4015120428128		
Function	Switching	Switch contact	make contact / non-floating
Switching capacity	230 V/50 Hz, 16 AX	Push button input	$\checkmark$
	2300 W/10 A (cos phi = 1)	Impulse mode	$\checkmark$
	1150 VA/5 A (cos phi = 0,5) 600 W LED	Switch-off delay time	60 s30 min (adjustable in steps)
Factory settings			
GENERAL		Operating mode	fully automatic
Sensitivity	100 %	Level of brightness/switching threshold	100 lx
		Switch-off delay time	5 min
CHANNELS (LIGHTING	; / HVAC)		
Channel	<b>C1</b> Lighting		

#### Accessories

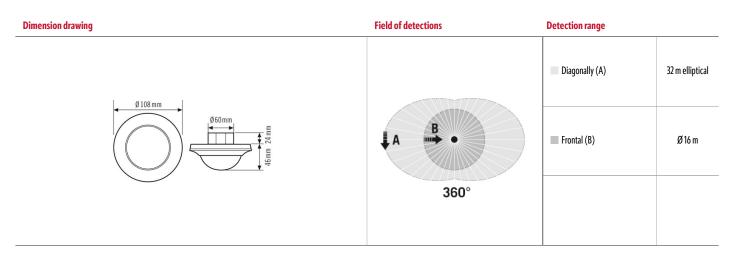
Product designation	ltem number	Product description	GTIN
Cover			
COMPACT COVER SET 24/32 SR	EP10425431	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, silver	4015120425431
COMPACT COVER SET 24/32 BK	EP00007491	Cover set for COMPACT series, 24 m/32 m, consists of cover and design ring, black	4015120007491
Electrical accessories			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Mounting			
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	Surface-mounted box for COMPACT series, IP20, silver	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	Surface-mounted box for COMPACT series, IP54, silver	4015120425912
MOUNTING SET IP20 FM 62 WH	EP10425929	Recessed ceiling mounting set includes installation bracket and dust-protected box, 62 mm	4015120425929
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	Surface-mounted box for COMPACT series, IP54, black	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	Surface-mounted box for COMPACT series, IP20, black	4015120426933
COMPACT APC MOUNTING BOX IP20 SM WH	EP10426278	Surface-mounted box IP20 for COMPACT APC DALI-2	4015120426278
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
Remote control			
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

## **DATA SHEET**

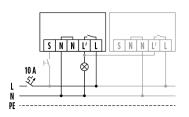


### MD-C 360i/32 Corridor

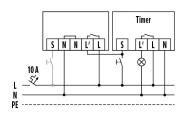
# Item number GTIN EP10428128 4015120428128



**Circuit diagram** 







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

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
- Large Range of up to 32 m in corridors or passages in diameter at a recommended installation height of 3 m, suitable for a variety of uses
- 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
- Automatic lighting control for use without, or with very little, natural light
- Simple programming using remote control with "blue mode" technology or setting elements (potentiometer)
- Integrated toggle for setting with remote control or by adjusting controller prevents operating errors and provides tamper protection
- Default settings ensure immediate operability
- · Masking of interference sources by reducing sensitivity using DIP switches
- Push button input with toggle function "room = ON + OFF/hallway = ON"
- · Flush-mounted device as standard
- Surface mounting or recessed ceiling mounting with accessories
- Large wiring space due to shallow installation depth of power box
- Quick and simple connection with plug-in terminals

- · 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