

## PD-C 360/32 BMS DALI-2

**Item number**      **GTIN**  
 EP10424885      4015120424885



### Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
User interface	DALI-Bus
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Recessed mounting / device box (Ø 68 mm)
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	1.50 – 2.50 mm <sup>2</sup>
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	40 g
Material	UV-stabilised polycarbonate
Protection type	recessed-mounted IP20, IP20/IP54 with surface-mounted box (order separately), IP20 as recessed ceiling-mounted version (order installation set separately)
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	DALI-2

### Product description

- DALI-2-certified ceiling-mounted presence detector for use as an input device for DALI-2 lighting systems
- Multi-room light management in combination with APC presence detectors
- Can alternatively be integrated into third-party building management systems with a DALI-2 interface
- Integrated PIR sensor for DALI-2-commands in line with IEC 62386-303 and light sensor for other commands in line with IEC 62386-304
- Push button input for connecting standard 230-V push buttons (push button commands issued as DALI-2 commands in line with IEC 62386-301)
- Surface mounting or recessed ceiling mounting with accessories

Protection class	II
Nominal voltage	9.5 - 22.5 V DC
No load current DALI	6 mA
Peak current DALI	12 mA
Stand-by consumption	< 0.1 W

SENSORS	
Detection angle	360°
Detection range diagonally	Ø 32 m
Detection range head-on	Ø 11 m
Detection range presence	Ø 8 m
Field of detection	up to 805 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)	
Push button input lighting	2
Constant light control	–
DALI-2 device type	Input device in accordance with -301 (button), Input device in accordance with -303 (presence and motion detectors), Input device in accordance with -304 (light sensor)
Switch-on time	600 ms
Channel	<b>C1</b>
Function	Send values
Push button input	✓

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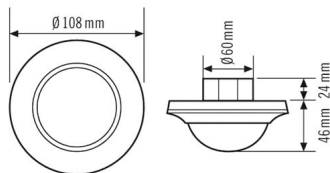
### Factory settings

GENERAL		CHANNELS (LIGHTING / HVAC)	
Sensitivity	100 %	Channel	C1 Lighting

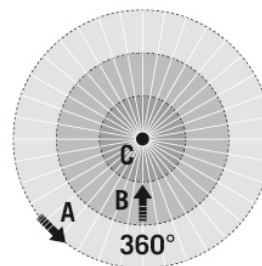
### Accessories

Product designation	Item number	Product description	GTIN
<b>Cover</b>			
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
<b>Mounting</b>			
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
<b>Protection</b>			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm,	4015120425608

### Dimension drawing



### Field of detections



### Detection range

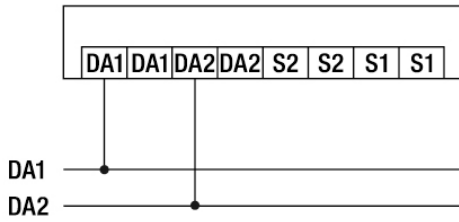
Diagonally (A)	Ø 32 m
Frontal (B)	Ø 11 m
Presence area (C)	Ø 8 m

# DATA SHEET

## PD-C 360/32 BMS DALI-2

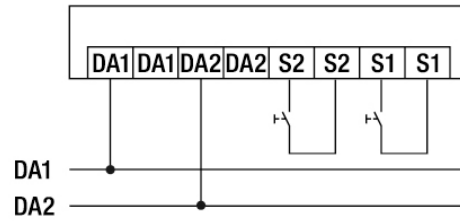
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**Circuit diagram**



*Standard operation*

**Circuit diagram**



*Standard operation with an additional push button connected; maximum cable length from the push button to the presence detector is 30 m.*