

PD-FLAT-L 360/8 RW BMS DALI-2

Item number **GTIN**
 EP10423055 4015120423055



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Included in delivery	Includes lens mask
User interface	DALI-Bus
Remote controllable	–
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Flush 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	1.250 mm ²
HOUSING	
Dimensions	Height/Depth 30 mm, Ø 104 mm
Weight	84 g
Material	UV-stabilised polycarbonate
Protection type	IP20
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
Protection class	III
Nominal voltage	9.5 – 22.5 V DC
No load current DALI	6 mA

Product description

- Design presence detector with excellent detection capabilities and a range of at least 8 m in diameter
- Intelligent light control in lighting groups based on DALI-2 standards (IEC 62386 Part -301, -303, -304).
- Ideal for use with DALI-2 control devices based on DALI-2 standard (IEC 62386 Part -103).
- Low profile design with plastic design cover: round, white

Peak current DALI	12 mA
Stand-by consumption	< 0.2 W

SENSORS	
Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Detection range presence	Ø 4 m
Field of detection	up to 50 m ²
Recommended installation height	2.5 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	3 – 1000 lx

CHANNELS (LIGHTING / HVAC)	
Number of light groups	16
Push button input lighting	1
Push button input HVAC	–
Slave input	–
Constant light control	–
DALI-2 device type	Input device in accordance with -301 (button), Input device in accordance with -302 (switch, absolute values), Input device in accordance with -303 (presence and motion detectors), Input device in accordance with -304 (light sensor)
Switch-on time	600 ms
Channel	C1-C16 Lighting
Function	Send values
Push button input	✓

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Impulse mode -

Factory settings

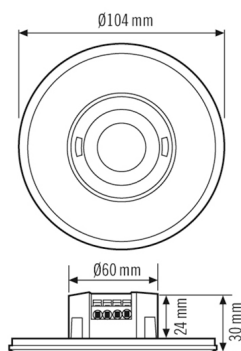
GENERAL

Sensitivity 100 %

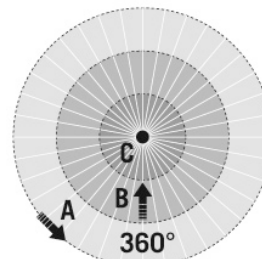
Accessories

Product designation	Item number	Product description	GTIN
Cover			
FLAT COVER ROUND WH	EP00007231	Cover for FLAT series, round, white	4015120007231
FLAT COVER SQUARE WH	EP00007248	Cover for FLAT series, square, white	4015120007248
FLAT COVER LARGE ROUND WH	EP10428579	Cover for FLAT series, 105 mm, round, white	4015120428579
FLAT COVER GLASS ROUND WH	EP00007255	Cover for FLAT series, glass, round, white	4015120007255
FLAT COVER GLASS SQUARE WH	EP00007262	Cover for FLAT series, glass, square, white	4015120007262
Electrical accessories			
POWER SUPPLY 200mA DALI	EC10430008	200mA power pack for supplying power to DALI operating units or DALI control modules that do not have their own power supply	4015120430008
Mounting			
FLAT MOUNTING SET IP20 FM	EP10426889	Recessed ceiling mounting set for FLAT series includes installation bracket and dust-protected box	4015120426889
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
Protection			
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615

Dimension drawing



Field of detections



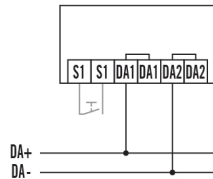
Detection range

Diagonally (A)	Ø 8 m
Frontal (B)	Ø 6 m
Presence area (C)	Ø 4 m

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Circuit diagram



Standard operation with optional control via a closing button.

Detailed product description

- Design presence detector with excellent detection capabilities and a range of at least 8 m in diameter
- Low profile design with plastic design covers: round, white - variably interchangeable (alternatively: square, glass, black)
- This universal input device can be used in combination with DALI-2 control devices (such as building automation systems with a DALI-2 interface) or DALI-2 detectors in the same room.
- 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.
- The detector issues the commands as DALI-2 commands in line with IEC 62386-301.
- Recessed and ceiling-mounted, surface ceiling-mounted with accessories