

PD-FLAT 360/8 RW BMS DALI-2

Item number **GTIN**
 EP10423031 4015120423031



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-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	0.75 – 2.5 mm ²
HOUSING	
Dimensions	Height/Depth 30 mm, Ø 94 mm
Weight	77 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, -302, -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 covers: round, white (optionally interchangeable: square or glass)

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 Lighting
Function	Send values
Push button input	✓

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Impulse mode —

Factory settings

GENERAL

Sensitivity 100 %

Accessories

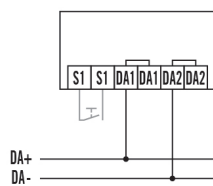
Product designation	Item number	Product description	GTIN
Cover			
FLAT COVER ROUND WH	EP00007231	Cover for FLAT series, round, white	4015120007231
FLAT COVER SQUARE WH	EP00007248	Cover for FLAT series, square, white	4015120007248
FLAT COVER LARGE ROUND WH	EP10428579	Cover for FLAT series, 105 mm, round, 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
FLAT COVER ROUND BK	EP00007279	Cover for FLAT series, round, black	4015120007279
FLAT COVER ROUND GY	EP00007316	Cover for FLAT series, round, grey	4015120007316
FLAT COVER SQUARE BK	EP00007286	Cover for FLAT series, square, black	4015120007286
FLAT COVER GLASS ROUND BK	EP00007293	Cover for FLAT series, glass, round, black	4015120007293
FLAT COVER GLASS ROUND GY	EP00007323	Cover for FLAT series, glass, round, grey	4015120007323
FLAT COVER GLASS SQUARE BK	EP00007309	Cover for FLAT series, glass, square, grey	4015120007309
Mounting			
FLAT MOUNTING SET IP20 FM	EP10426889	Recessed ceiling mounting set for FLAT series includes installation bracket and dust-protected box	4015120426889
Protection			
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
Push button			
PUSH BUTTON x2 DALI-2 WH	EP10431609	2-way button for DALI-2	4015120431609
PUSH BUTTON x4 DALI-2 WH	EP10431616	4-way button for DALI-2	4015120431616
PUSH BUTTON x6 DALI-2 WH	EP10431623	6-way button for DALI-2	4015120431623
PUSH BUTTON x8 DALI-2 WH	EP10431630	8-way button for DALI-2	4015120431630

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Dimension drawing	Field of detections	Detection range	
		<p>■ Diagonally (A)</p>	<p>Ø 8 m</p>
		<p>■ Frontal (B)</p>	<p>Ø 6 m</p>
		<p>■ Presence area (C)</p>	<p>Ø 4 m</p>

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 outputs push button/switch commands in the form of DALI-2 commands to IEC 62386-301 or -302.
- Recessed and ceiling-mounted