

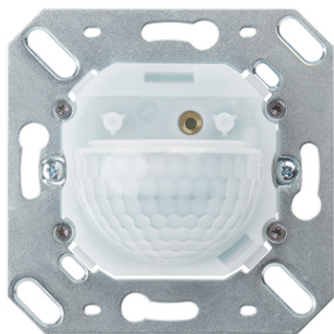
PD 180/16 BASIC BMS DALI-2

Item number

EB10432101

GTIN

4015120432101



Technical data

GENERAL

Device category	Wall-mounted presence detector
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	Wall
Installation dimension	Installation depth: 25 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	0.75 - 1.5 mm ²

HOUSING

Dimensions	Length 53 mm x Width 70 mm x Height 70 mm
Weight	57 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing

ELECTRICAL VERSION

Control system	DALI-2
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Ø 16 m	180°	DALI-2	IP20
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Product description

- DALI-2-certified wall presence detector as input device for DALI-2 lighting systems
- Cross-room light management in combination with ESYLUX APC control units
- Alternatively, can be integrated into third-party building management systems with a DALI-2 interface
- Integrated PIR sensor for DALI-2 commands in accordance with IEC 62386-303 and light sensor for commands in accordance with IEC 62386-304
- 2x push button inputs for connecting conventional push buttons (push and switch commands are output as DALI-2 commands in accordance with IEC 62386-301 or -302)
- Compatible with brand-name switches
- IP 44 design suitable for damp rooms, garages, basement entrances

DALI-2 device type

Input device in accordance with -303 (presence and motion detectors), Input device in accordance with -304 (light sensor), Input device in accordance with -301 (button), Input device in accordance with -302 (switch, absolute values)

Protection class	II
Nominal voltage	9.5 - 22.5 V DC
No load current DALI	4 mA
Peak current DALI	12 mA

SENSORS

Detection angle	180° horizontal, 60° vertical
Detection range diagonally	Ø 16 m
Detection range head-on	Ø 5 m
Detection range presence	Ø 3 m
Field of detection	up to 101 m ²
Recommended installation height	1.1 m
Max. mounting height	2.2 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx

CHANNELS (LIGHTING / HVAC)

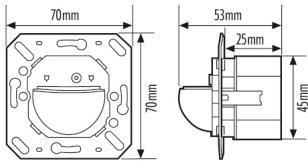
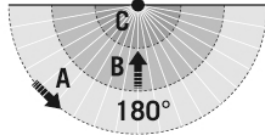
Push button input lighting	2
Switch-on time	600 ms
Channel	C1 Lighting
Function	Send values

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Accessories

Product designation	Item number	Product description	GTIN
Cover			
COVER IP20 WH	EM10055102	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9010	4015120055102
COVER IP20 SWH	EM10055119	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 9016	4015120055119
COVER IP20 CWH	EM10055126	Cover for wall detectors from the STANDARD series, IP20, white, similar to RAL 1013	4015120055126
COVER IP20 AN	EM10055133	Cover for wall detectors from the STANDARD series, IP20, anthracite, similar to RAL 7021	4015120055133
COVER IP20 SR	EM10055140	Cover for wall detectors from the STANDARD series, IP20, silver	4015120055140
COVER IP44 WH	EM10055157	Cover for wall detectors from the STANDARD series, IP44, white	4015120055157
COVER ELK RS/PLUS IP20 WH	EM10055270	Cover for wall detector fits with Elko RS/PLUS, IP20, white	4015120055270
COVER BER S1 IP20 PWH	EP10427107	Cover for wall detector fits with Berker S.1, IP20, polar white	4015120427107
COVER BER MOD2 IP20 WH	EP10427138	Cover for wall detector fits with Berker module 2, IP20, white	4015120427138
COVER BUJ REF IP20 WH	EP10427145	Cover for wall detector fits with Busch-Jäger Reflex, IP20, white	4015120427145
COVER GIR S55 IP20 WH	EP10427169	Cover for wall detector fits with Gira Standard 55, IP20, white	4015120427169
COVER GIR S55 IP20 CWH	EP10427176	Cover for wall detector fits with Gira Standard 55, IP20, cream white	4015120427176
Electrical accessories			
FILTER 230 V	EP10426988	Filter for suppression of inductive loads, such as relays, contactors, fluorescent lamps and transformers	4015120426988
Mounting			
MOUNTING BOX IP44 SM WH	EM10055164	Surface-mounted box for wall detectors from the STANDARD series, IP44, white	4015120055164

Dimension drawing	Field of detections	Detection range	
		Diagonally (A)	Ø 16 m
		Frontal (B)	Ø 5 m
		Presence area (C)	Ø 3 m

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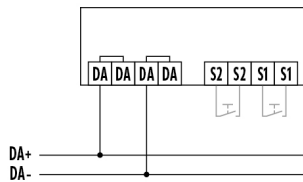
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Circuit diagram



Standard operation with optional control via a closing button. Maximum line length from button to presence detector: 30 m.

Detailed product description

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