

PD-C 360bt/8 APC10 PS plus DALI-2

Item number	GTIN
EP10428142	4015120428142



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
Included in delivery	Includes lens mask
User interface	Bluetooth, DALI-Bus
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT	
Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 80 mm, Ø 68 mm
Type of connection	Push terminal
Connectable wire cross section	1.5 – 2.5 mm ²

HOUSING	
Dimensions	Height/Depth 106 mm, Ø 108 mm
Weight	244 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
Nominal voltage	230 V ~ / 60 Hz
Output voltage	16 V DC
In-rush current	20 A / 110 µs

Product description

- DALI-2-certified ceiling-mounted presence detector with integrated DALI-2 control unit and power supply (250 mA)
- Multi-room light control of up to 16 groups
- Simple adaptation to individual and complex room situations
- Presence and daylight dependent constant light control for optimum energy efficiency
- 16-A relay for switching HVAC and supplementary lighting
- Four push button inputs (non-floating)
- Various manual override options and up to 16 scenes
- Automatic switching of groups if room usage changes
- Quick start using factory settings in broadcast mode
- Individual groups immediately ready for use using factory settings
- Easy configuration using the ESY-App via bidirectional Bluetooth interface
- Easy documentation and management of configured projects using the ESY-App (e.g. as a PDF report)

Offers special product features like:

- Individual control of up to 16 groups and 16 scenes
- Presence and daylight dependent constant light control
- Simple parameterisation, remote control and documentation with ESY-App

Output current	250 mA
No load current DALI	2 mA
Peak current DALI	2 mA
Power consumption	5 W
Stand-by consumption	< 0.4 W
Bluetooth LE transmission power	8 dBm

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
Range adjustment	mechanically with included cut to size lens mask
Recommended installation height	3 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5 – 2000 lx

CHANNELS (LIGHTING / HVAC)	
Number of HVAC-channels	1
Number of light groups	16
Push button input lighting	4
Slave input	–
Mode	Semi-automatic, Fully automatic
Constant light control	✓
Integrated timer	–
DALI-2 device type	Control device in accordance with -103, Operating device -208 (switch actuator),

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	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)
Channel	C1-C16, HVAC Lighting
Function	Regulate, Control, Dimming, Switching

Switching capacity	230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED
Switch contact	make contact / floating
Push button input	✓
Impulse mode	–

Factory settings

GENERAL	
Sensitivity	100 %
Afterglow luminous efficiency	30 %
Afterglow duration	5 min
Orientation light ON	–
Orientation light, depending on brightness	✓
Switching threshold for orientation light	10 lx
Deviation (%)	0 %
Luminous efficiency switch-on value	50 %

Scene on/off	–
Luminous efficiency of scene	100 %

CHANNELS (LIGHTING / HVAC)

Channel	C1 Lighting
Operating mode	fully automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	10 %

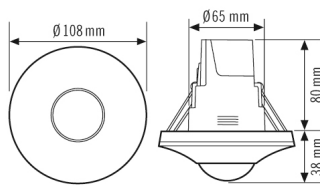
Accessories

Product designation	Item number	Product description	GTIN
Ceiling-mounted presence detector			
PD-C 360/32 BMS DALI-2	EP10424885	DALI-2-certified ceiling-mounted presence detector for use as an input device for DALI-2 lighting systems	4015120424885
PD-C 360/8 BMS DALI-2	EP10428203	DALI-2-certified ceiling-mounted presence detector for use as an input device for DALI-2 lighting systems	4015120428203
PD-C 360/24 BMS DALI-2	EP10428210	DALI-2-certified ceiling-mounted presence detector for use as an input device for DALI-2 lighting systems	4015120428210
Cover			
COMPACT COVER SET 8 BK	EP00007521	Cover set for COMPACT series, 8 m, consists of cover and design ring, black	4015120007521
Protection			
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 x8 DALI-2 WH	EP10431630	8-way button for DALI-2	4015120431630
PUSH BUTTON x6 DALI-2 WH	EP10431623	6-way button for DALI-2	4015120431623
PUSH BUTTON x4 DALI-2 WH	EP10431616	4-way button for DALI-2	4015120431616
PUSH BUTTON x2 DALI-2 WH	EP10431609	2-way button for DALI-2	4015120431609

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Dimension drawing



Detailed product description

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