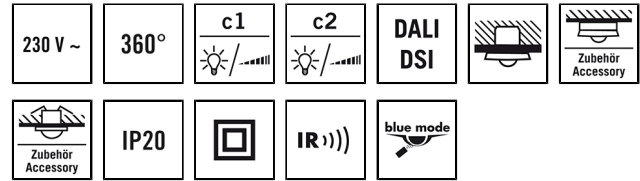


PD-C 360i/32 DUO DALI

Item number **GTIN**
 EP10427787 4015120427787



Technical data

GENERAL	
Device category	Ceiling-mounted presence detector
User interface	IR remote control
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 ²
HOUSING	
Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	49 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	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Control system	DALI
Protection class	II

Product description

- Presence detector with **360° field of detection** for ceiling mounting
- **Range of up to 32 m** in the diameter at a recommended installation height of 3 m
- Automatic light control by DALI or DSI electronic ballasts to a constant brightness level, depending on presence and natural light (with DALI/DSI output)

Offers special product features like:

- Presence and daylight dependent constant light control
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

Nominal voltage	230 - 230 V ~ / 50 Hz
Output current	100 mA
Power consumption	0.6 W
Stand-by consumption	< 0.6 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 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 – 1000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	2
Number of HVAC-channels	2
Push button input lighting	2
Push button input HVAC	–
Slave input	✓
Mode	Semi-automatic, Fully automatic
Constant light control	✓
Sensitivity configurable	✓
Channel	C1 Lighting
Function	Switching, Regulate, Dimming, Broadcast

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Switch contact	Bus system, 50 mA, max. 25 driver
Push button input	✓
Impulse mode	–
Switch-off delay time	60 s...240 min (adjustable in steps)
Orientation light	10 - 50 % luminous efficiency
Switch-off delay time, orientation light	60 s...240 min
Channel	C2 Lighting
Function	Switching, Regulate, Dimming, Broadcast
Switch contact	Bus system, 50 mA, max. 25 driver
Push button input	✓
Switch-off delay time	60 s...240 min (adjustable in steps)
Orientation light	10 - 50 % luminous efficiency
Switch-off delay time, orientation light	60 s...240 min

Channel	C3 with accessory (ACTUATOR FULL AUTO C3 DALI)
Function	Switching
Switching capacity	10 A / 12 V DC
Switch contact	make contact / floating
Push button input	✓
Switch-off delay time	60 s...120 min (adjustable in steps)
Channel	C4 with accessory (ACTUATOR SEMI AUTO C4 DALI)
Function	Switching
Switching capacity	10 A / 12 V DC
Switch contact	make contact / floating
Push button input	✓
Switch-off delay time	60 s...120 min (adjustable in steps)

Factory settings

GENERAL	
Sensitivity	100 %
Afterglow luminous efficiency	10 %
Afterglow duration	1 min
Orientation light ON	–
Orientation light, depending on brightness	✓
Switching threshold for orientation light	500 lx
Deviation (%)	0 %
Luminous efficiency switch-on value	10 %
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 %
Duration of switch-off warning	300 s
Channel	C2 Lighting
Operating mode	Semi-automatic
Level of brightness/switching threshold	500 lx
Switch-off delay time	5 min
Luminous efficiency of orientation light	10 %
Duration of switch-off warning	300 s

Accessories

Product designation	Item number	Product description	GTIN
Ceiling-mounted presence detector			
PD-C 360/8 Slave	EP10055379	Slave presence detector for extending the field of detection of a Master presence detector	4015120055379
PD-C 360/24 Slave	EP10055386	Slave presence detector for extending the field of detection of a Master presence detector	4015120055386
PD-C 360/32 Slave	EP10427770	Slave presence detector for extending the field of detection of a Master presence detector	4015120427770
Cover			
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
Electrical accessories			
ACTUATOR FULL AUTO C3 DALI	EP10427473	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (Full automation)	4015120427473

PD-C 360i/32 DUO DALI

Item number	GTIN
EP10427787	4015120427787

Accessories

Product designation	Item number	Product description	GTIN
ACTUATOR SEMI AUTO C4 DALI	EP10427480	Modul for the conversion of bus commands from the DALI presence detector and other light controls into switching signals (Semi-automatic)	4015120427480

Mounting

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

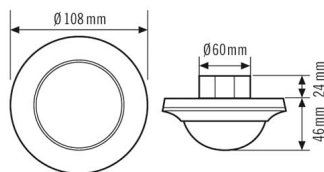
Protection

BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm,	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm,	4015120425615

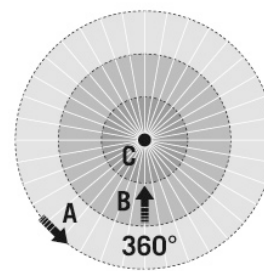
Remote control

ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
REMOTE CONTROL PDi DALI	EP10425899	IR remote control for DALI presence detectors and motion detectors	4015120425899
REMOTE CONTROL PDi/USER	EM10425547	IR remote control for end users of presence detectors	4015120425547

Dimension drawing



Field of detections



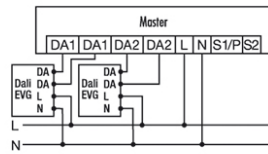
Detection range

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

PD-C 360i/32 DUO DALI

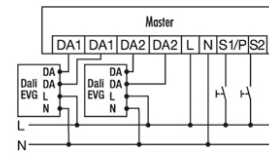
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Circuit diagram



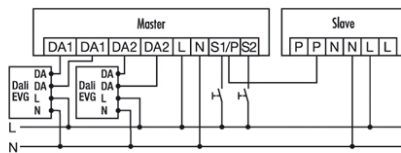
Standard operation

Circuit diagram



Standard operation with additional control by means of a closing button. If required, the light can be manually switched on or off with the button.

Circuit diagram



Master/slave connection:
 The master device controls connected systems according to the programmed settings.
 The sole purpose of the slave devices is to register presence and transmit an impulse to the master device when movement is detected.

Caution: a maximum of 10 slave devices may be connected to one master device.