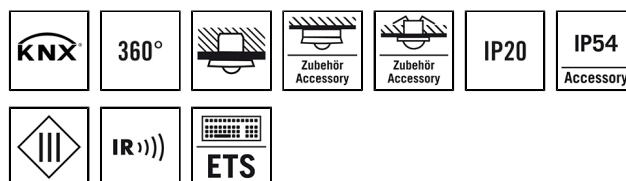


PD-C 360i/32 KNX

Item number **GTIN**
 EP10427794 4015120427794



Product description

- KNX Recessed ceiling presence detector with 360° field of detection
- range of up to 32 m in the diameter at a recommended installation height of 3 m for convenience applications
- For use in KNX (EIB), TP (twisted pair) bus system in conjunction with other KNX components
- Parameter and function settings via ETS (Engineering Tool Software)
- Switching function makes it ideal for use in areas with ceilings of up to 10 m such as sports halls and warehouses

Technical data

GENERAL

Device category	Ceiling-mounted presence detector
User interface	IR remote control, ETS-Software
Remote controllable	✓
Conformity	CE, RoHS, WEEE
Warranty	5 years

ATTACHMENT

Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 60 mm
Type of connection	Push terminal
Connectable wire cross section	0,60 - 0,80 mm ²

HOUSING

Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	140 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	5 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

Protection class	III
Nominal voltage	29 - 31 V
Stand-by consumption	< 0.2 W
Power consumption	0,2 W

Power consumption	6 mA
-------------------	------

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

CONTROL

Number of light channels	2
Number of HLK-channels	1
Push button input lighting	2
Push button input HVAC	✓
Slave input	✓
Mode	Semi-automatic, Fully automatic
Konstantlichtregelung	✓
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
KNX functions	Presence simulation, Manual override, Master-/slave-function, Night-light feature, Sensitivity configurable, Sends a telegram at regular intervals
Channel 1	Lighting

PD-C 360i/32 KNX

Item number	GTIN
EP10427794	4015120427794

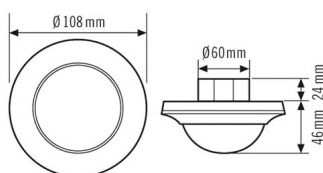
Interface	Switching/Dimming
Contact	Bus system
Push button input channel 1	–
Switch-off delay channel 1	30 s...720 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Output	Switching
Turn-on delay	disabled/2 min - 30 min
Orientation light	disabled/10 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Switch-on delay channel 3	disabled/2 min - 30 min

Time setting channel 3	disabled/30 sec./1 min./12 hrs
Bus voltage	29-31 V = (KNX)
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value, HVAC
Sensitivity configurable via ETS	yes
Sends a telegram at regular intervals	yes
Master/slave function	✓
Presence simulation	✓
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching/dimming, offset (-50 % to +50 %)

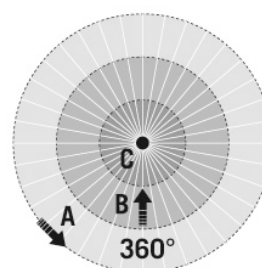
Accessories

Product designation	Item number	GTIN
ESY-Pen	EP10425356	4015120425356
REMOTE CONTROL PDI/USER	EM10425547	4015120425547
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	4015120425370
COMPACT MOUNTING BOX IP20 SM SR	EP10425387	4015120425387
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	4015120425905
COMPACT MOUNTING BOX IP54 SM SR	EP10425912	4015120425912
COMPACT COVER SET 24/32 SR	EP10425431	4015120425431
MOUNTING SET IP20 FM 62 WH	EP10425929	4015120425929
BASKET GUARD ROUND LARGE	EM10425608	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	4015120425615
COMPACT MOUNTING BOX IP54 SM BK	EP10426940	4015120426940
COMPACT MOUNTING BOX IP20 SM BK	EP10426933	4015120426933
COMPACT COVER SET 24/32 BK	EP00007491	4015120007491

Scale drawing



Field of detections



Detection range

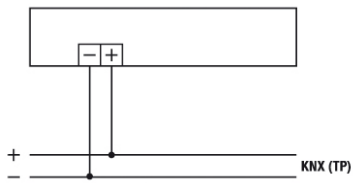
Diagonally (A)	Ø 32 m
Frontal (B)	Ø 11 m
Presence area (C)	Ø 8 m

DATA SHEET

PD-C 360i/32 KNX

Item number **GTIN**
EP10427794 4015120427794

Circuit diagram



Standard operation