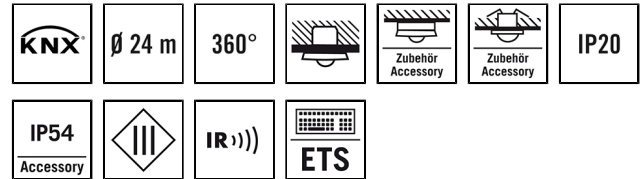


## PD-C 360i/24 KNX ECO UP

**Item number** EP10427435  
**GTIN** 4015120427435



### Product description

- KNX recessed ceiling-mounted presence detector with 360° field of detection
- range of up to 24 m in the diameter at a recommended installation height of 3 m for high-comfort 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 <sup>2</sup>

#### HOUSING

Dimensions	Height/Depth 70 mm, Ø 108 mm
Weight	120 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
Power consumption	0,2 W
Power consumption	6 mA

#### SENSORS

Detection angle	360°
Detection range diagonally	Ø 24 m
Detection range head-on	Ø 11 m
Detection range presence	Ø 8 m
Field of detection	up to 453 m <sup>2</sup>
Recommended installation height	3 m
Max. mounting height	10 m
Light measurement	mixed light

#### CONTROL

Number of light channels	2
Push button input lighting	1
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
KNX functions	Manual override, Master-/slave-function, Night-light feature, Sensitivity configurable, Sends a telegram at regular intervals
Channel 1	Lighting
Interface	Switching
Contact	Bus system
Push button input channel 1	–
Switch-off delay channel 1	30 s...720 min
Function	Switching
Time setting channel 3	0, 1 - 60 min, 12 h

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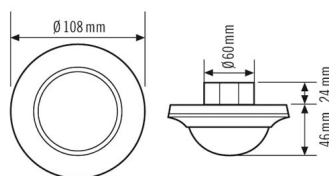
Bus voltage	29-31 V = (KNX)
KNX input	manual light control, block objects, reset, slave
KNX output	presence, status, light value
Sensitivity configurable via ETS	yes
Sends a telegram at regular intervals	yes

Master/slave function	✓
Presence simulation	–
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching

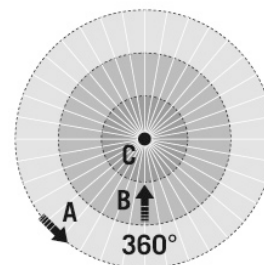
### Accessories

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 24 m
Frontal (B)	Ø 11 m
Presence area (C)	Ø 8 m

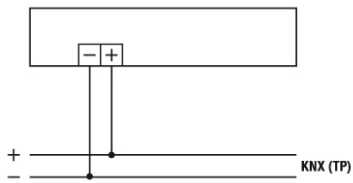
# DATA SHEET

## PD-C 360i/24 KNX ECO UP

**Item number**      **GTIN**  
EP10427435      4015120427435

### Circuit diagram

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*Standard operation*