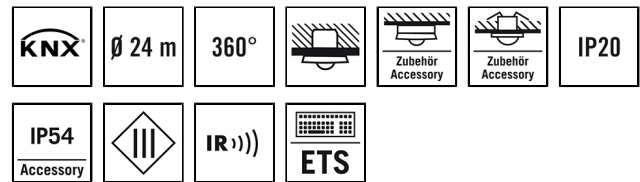


## PD-C 360i/24 KNX UP

**Item number** EP10427428  
**GTIN** 4015120427428



### 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            | 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  |
| Interface                   | Switching/Dimming   |
| Contact                     | Bus system  |
| Push button input channel 1 | –   |
| Switch-off delay channel 1  | 30 s...720 min  |

## PD-C 360i/24 KNX UP

| Item number | GTIN          |
|-------------|---------------|
| EP10427428  | 4015120427428 |

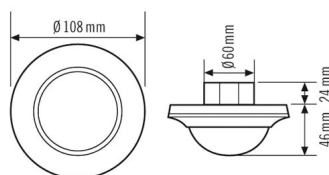
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|--|--|
| Orientation light                        | disabled/10 - 50 %, 2 values can be selected                   |
| Switch-off delay time, orientation light | only in controlling modus: continuous lighting/1 min - 250 min |
| Output                                   | 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 |
| Function                                 | Switching  |
| 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 %) |

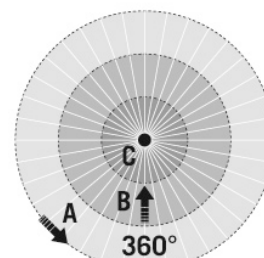
### Accessories

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

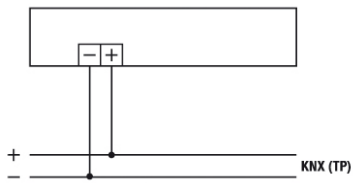
# DATA SHEET

## PD-C 360i/24 KNX UP

**Item number**      **GTIN**  
EP10427428      4015120427428

### Circuit diagram

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*Standard operation*