



PD2N-KNX-ST-FM

Prod.No. 93383 EAN: 4007529933839

KNX occupancy detector with integrated KNX bus connector

Low installation depth

1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs

Order data

| Designation | Colour | Art.No |
|----------------|--------|--------|
| PD2N-KNX-ST-FM | white | 93383 |

Accessories

| Designation | Colour | Art.No |
|--|---------------|--------|
| BLE-IR-Adapter | black | 93067 |
| IR-PD-KNX | - | 92123 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| SM socle mounting set IP54 PD2N- / PD4N-FM | white | 93307 |
| Cover ring PD2N FM | black | 93763 |
| Cover ring PD2N FM | traffic white | 93762 |
| Cover ring PD2N FM | anthracite | 93761 |
| Cover ring PD2N FM | white | 93760 |
| SM socle mounting set IP54 PD2N- / PD4N-FM | black | 93753 |
| SM socle mounting set IP54 PD2N- / PD4N-FM | traffic white | 93752 |
| SM socle mounting set IP54 PD2N- / PD4N-FM | anthracite | 93751 |

Technical data

| | |
|---|---|
| Voltage: | via KNX BUS |
| Dimensions: | Ø 106 x 42 mm |
| Typ. power input: | 12 mA |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated |
| Range: | |
| Monitored area (tangential movement): | 78 m ² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP20 / Class III |
| Ambient temperature: | -25 °C to +55 °C |
| Housing: | polycarbonate, UV-resistant white mat, similar to RAL9010 |
| Material color: | |
| Number of light sensors: | 2 |
| Number of PIR sensors: | 1 |
| KNX TP 256: | Yes |
| Orientation light: | 5 - 100 % / OFF / 1 min - 255 min |
| Night light: | 5 - 100 % |
| Brightness set value: | 5 - 2000 Lux |

Product information

KNX occupancy detector with integrated KNX bus connector

Low installation depth

1 x Light (for regulating or switching), 1 x slave output, 3 separate HVAC-blocs

Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode

Individual adaption of the PIR sensor sensitivity

Mixed light measurement with internal and external light sensor

Various locking functions

Status LEDs can be activated / deactivated

Programming button (phys. address) can be operated via remote control

Regulation/switching of three light groups via offset (external influence possible)

Short presence, self-adjusting follow-up time, corridor function

Recall of light scenes

HVAC mode (0=automatic, 1=comfort, 2=stand-by, 3=economy, 4=antifreeze/heat protection)

Detection area can be extended thanks to master-slave-mode

Extensive optimization options for light measurement

Measured light value is communicated to the bus

IR remote control-capable via IR remote control (optionally)

PIN code

Manual influence via external KNX push buttons possible

Function control (heartbeat, cyclical sending)

Forced switch-off

Intelligent central-off function

Premonition of switch-off

Behaviour upon bus voltage return definable at choice

Variable safety pause after switching off the lights

Settings ex ETS 4 for integration in KNX systems

The product database for import into the ETS database can be downloaded from the B.E.G. homepage.

Adaption of dimming curve

Determination of the reflection factor, e.g. on a desk, with the optional BLE-IR-Adapter

Burn-in function for fluorescent lamps selectable from 1h till 100h

Soft-start

Spring-clamps

Blinds

Application examples:

small offices, conference rooms, staircases, open-plan offices, classrooms/seminar rooms



Accessories



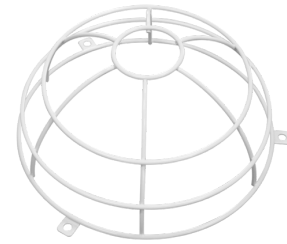
BLE-IR-Adapter
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK 0.2 dBm + 5.3 dBi = 5.5 dBm



IR-PD-KNX
Art.No: 92123

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

Dimensions: Ø 200 x 90 mm
Impact strength: IK09
Housing: coated steel basket



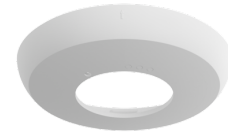
SM socle mounting set IP54 PD2N-FM / PD4N-FM
Art.No: 93307

Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010



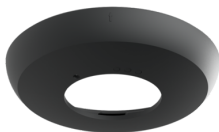
Cover ring PD2N FM
Art.No: 93763

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



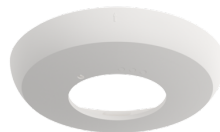
Cover ring PD2N FM
Art.No: 93762

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



Cover ring PD2N FM
Art.No: 93761

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



Cover ring PD2N FM
Art.No: 93760

Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



SM socle mounting set IP54 PD2N-FM / PD4N-FM
Art.No: 93753

Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant



SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93752

Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant



SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93751

Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant