B.E.G. LUXOMAT® net




# PD2N-CAS DALI-2

93476 EAN: 4007529934768

CASAMBI-compatible PIR motion sensor with built-in DALI-2 bus power supply, 360° detection, and a range of up to Ø10m (78 m²)

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD2N-CAS DALI-2 | white | 93476 |

## Accessories

| Designation | Colour | Art.No |
|---|---|---|
| SM socle mounting set IP54 PD2N H | white | 93454 |
| SM socle mounting set IP54 PD2N H | black | 93783 |
| SM socle mounting set IP54 PD2N H | traffic white | 93782 |
| SM socle mounting set IP54 PD2N H | anthracite | 93781 |
| Cover ring PD2N FC | black | 93773 |
| Cover ring PD2N FC | traffic white | 93772 |
| Cover ring PD2N FC | anthracite | 93771 |
| 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 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |

| | | |
|---|---|---|
| Wall holder PD2N/4N Typ A | traffic white | 93702 |
| Wall holder PD2N/4N Typ A | anthracite | 93701 |
| Wall holder PD2N/4N Typ A | white | 93700 |
| Wall holder PD2N/4N Typ A | black | 93703 |
| Wall holder PD2N/4N Typ A | white | 93164 |
| SM socket for Wall holder | white | 93192 |
| Blinds PD2N/PD3N | | 37367 |
| Pendulum mounting set PD2/3/4 SM | white | 93179 |
| Pendulum mounting set PD2/3/4 SM | jet black | 93193 |
| Adapter ring PD2N FM | | 93089 |

## Technical data

| | |
|---|---|
| Voltage: | 230 V AC ±10% 50 Hz |
| Dimensions: | Ø 84 x 85 mm |
| Settings: | Casambi App |
| Power consumption: | 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| Monitored area (tangential movement): | 78 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | IK04 |
| Ambient temperature: | -5 °C to +45 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white mat, similar to RAL9010 |
| Number of PIR sensors: | 1 |
| **Channel 1 (lighting control)** | |
| DALI output: | 80 mA (guaranteed), 125 mA (max.), shut down mechanism |
| Supported control gear: | DT0, DT5, DT6, DT7, DT8 |
| Supported control devices: | - (single master) |
| Follow-up time: | 1 sec – 60 min |
| Brightness set value: | 1 – 4000 Lux |
| Light measuring: | Mixed light measuring |

## Product information

Casambi-enabled occupancy detector

DALI-2 interface for controlling digital dimmable ECGs in broadcast/multicast mode

Integrated temperature monitoring and short-circuit detection

Version as single-master device, can be networked wirelessly

Mixed light measurement with internal and external light sensor

Weighting between internal and external light sensor can be adapted to suit the application

Adjustment of the reflection factor and input of the luminosity for the display of the actual luminosity in the app

Extension of the detection area with additional B.E.G. Casambi devices possible

Individual adaption of the PIR sensor sensitivity

Detection area can be restricted with blinds

Functions adjustable via Casambi app

Including pre-assembled spring clamp with strain relief and contact protection cap for recessed ceiling mounting

Accessory for surface mounting available

Accessories for wall mounting optionally available

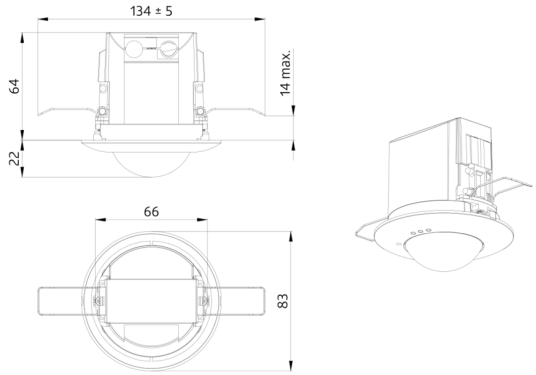
Further accessories for colour matching optionally available

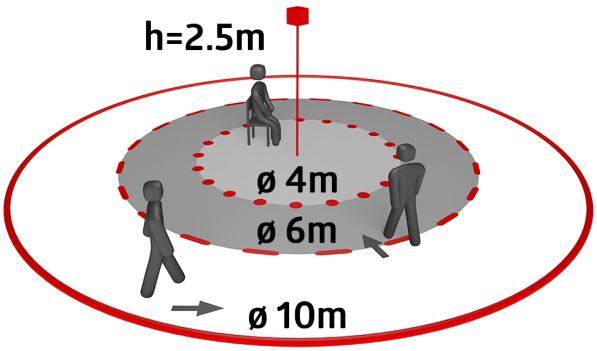
DALI-2 certified product

DALI output power can be increased with accessories

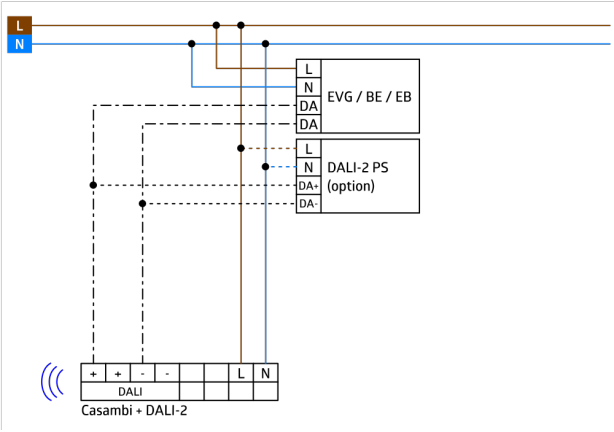
Bright LED indication for commissioning

**Application examples:**
entrance halls, small offices, open-plan offices, classrooms/seminar rooms




CASAMBI


L
N
L
N
DA
DA
EVG / BE / EB
L
N
DA+
DA-
DALI-2 PS
(option)
+
+
-
-
L
N
DALI
Casambi + DALI-2

## Accessories



**SM socle mounting set IP54 PD2N H**
Art.No: 93454

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010



**SM socle mounting set IP54 PD2N H**
Art.No: 93783

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: black, similar to RAL9005



**SM socle mounting set IP54 PD2N H**
Art.No: 93782

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: traffic white, similar to RAL9016



**SM socle mounting set IP54 PD2N H**
Art.No: 93781

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: anthracite, similar to RAL7016



**Cover ring PD2N FC**
Art.No: 93773

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



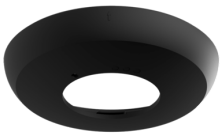
**Cover ring PD2N FC**
Art.No: 93772

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



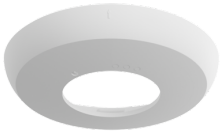
**Cover ring PD2N FC**
Art.No: 93771

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



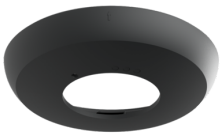
**Cover ring PD2N FM**
Art.No: 93763

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



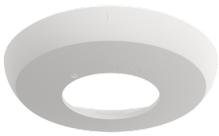
**Cover ring PD2N FM**
Art.No: 93762

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



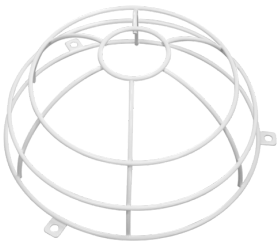
**Cover ring PD2N FM**
Art.No: 93761

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



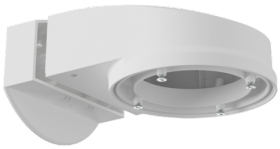
**Cover ring PD2N FM**
Art.No: 93760

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



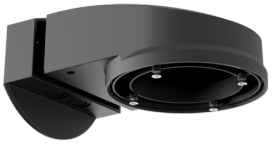
**Wire basket BSK (Ø 200 x 90 mm)**
Art.No: 92199

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



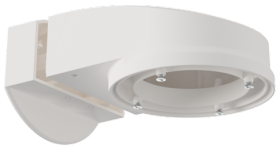
**Wall holder PD2N/4N Typ A**
Art.No: 93702

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



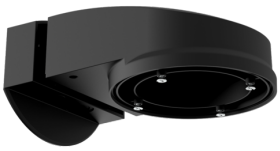
**Wall holder PD2N/4N Typ A**
Art.No: 93701

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**
Art.No: 93700

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



**Wall holder PD2N/4N Typ A**
Art.No: 93703

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 / Class II
Housing: polycarbonate, UV-resistant



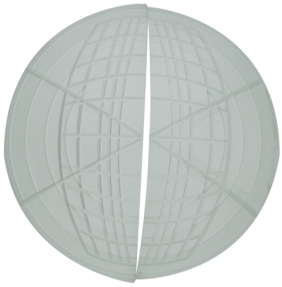
**Wall holder PD2N/4N Typ A**
Art.No: 93164

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54 /
Housing: polycarbonate, UV-resistant




**SM socket for Wall holder**
Art.No: 93192

Dimensions: 103 x 80 x 26 mm
Housing: polycarbonate, UV-resistant
Material color: white



**Blinds PD2N/PD3N**
Art.No: 37367

Housing: ABS



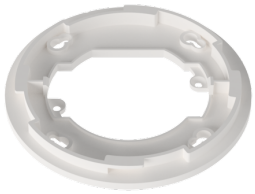
**Pendulum mounting set PD2/3/4 SM**
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010



**Pendulum mounting set PD2/3/4 SM**
Art.No: 93193

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: jet black, similar to RAL9005



**Adapter ring PD2N FM**
Art.No: 93089

Dimensions: Ø 101 x 10 mm
Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010