



## PD2N-CAS DALI-2 Set 93476-93763-92199

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

### Order data

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| PD2N-CAS DALI-2                 | white  | 93476  |
| Cover ring PD2N FM              | black  | 93763  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |

## Technical data

|   |  |
|---|--|
| Voltage:                                  | 230 V AC ±10%<br>50 Hz   |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>   |
| Settings:                                 | Casambi App  |
| Power consumption:                        | 0.5 W  |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>max. Ø 10 m<br>across<br>max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated                       |
| Range:                                    |  |
| Monitored area<br>(tangential movement):  | 78 m <sup>2</sup> / 2.5 m<br>mounting height   |
| Mounting height<br>min./max./recommended: | 2 m / 5 m / 2.5<br>m   |
| Degree / class of<br>protection:          | IP20 / Class II  |
| Impact strength:                          | <b>IK09 (92199)</b>  |
| Ambient temperature:                      | -5 °C to +45 °C  |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b><br><b>black mat,<br/>similar to<br/>RAL9005<br/>(93763)</b> |
| Material color:                           |  |
| Number of PIR sensors:                    | 1  |
| <b>Channel 1 (lighting<br/>control)</b>   |  |
| DALI output:                              | 80 mA<br>(guaranteed),<br>125 mA (max.),<br>Shut-down<br>mechanism   |
| Supported control gear:                   | DT0, DT5, DT6,<br>DT7, DT8   |
| Supported control<br>devices:             | - (single master)  |
| Follow-up time:                           | 1 sec – 60 min   |
| Brightness set value:                     | 1 – 4000 Lux   |
| Light measuring:                          | Mixed light<br>measuring   |

## Product information

Set : PD2N-CAS DALI-2 + Cover ring PD2N FM black mat, similar to RAL9005 + Wire basket BSK (Ø 200 x 90 mm) white

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



# CASAMBI



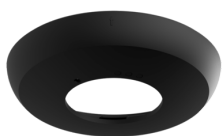
## Set items

To receive the bundle according to the technical specification, please order the items listed.



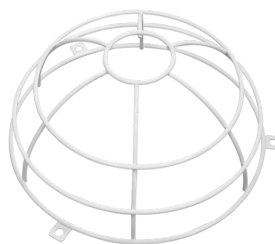
**PD2N-CAS DALI-2**  
Art.No: 93476

Voltage: 230 V AC  $\pm 10\%$  50 Hz  
Dimensions:  $\varnothing 84 \times 85$  mm  
Settings: Casambi App



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

Dimensions:  $\varnothing 106 \times 20$  mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



**Wire basket BSK ( $\varnothing 200 \times 90$  mm)**  
Art.No: 92199

Dimensions:  $\varnothing 200 \times 90$  mm  
Impact strength: IK09  
Housing: coated steel basket