



## PD2N-BMS-FM DALI-2

Prod.No. 93544 EAN: 4007529935444

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø10m (78 m<sup>2</sup>), DALI-2 input device

### Order data

| Designation        | Colour | Art.No |
|--------------------|--------|--------|
| PD2N-BMS-FM DALI-2 | white  | 93544  |

### Accessories

| Designation                                | Colour        | Art.No |
|--|---------------|--------|
| 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  |
| 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  |
| Wire basket BSK (Ø 200 x 90 mm)            | white         | 92199  |
| Blinds PD2N/PD3N                           |               | 37367  |

## Technical data

|   |   |
|---|---|
| Voltage:                                  | via DALI Bus,<br>max. 22.5 V DC   |
| Dimensions:                               | Ø 106 x 42 mm<br>via DALI-Bus<br>and application<br>which supports<br>DALI  |
| Settings:                                 | multisensors<br>according to<br>IEC62386, parts<br>101, 103, 303<br>and 304 |
| Typ. power input:                         | 7 mA  |
| Settling time:                            | 200 ms  |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>max. Ø 10 m<br>across           |
| Range:                                    | max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated                               |
| Monitored area (tangential<br>movement):  | 78 m <sup>2</sup> / 2.5 m<br>mounting<br>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:                          | IK05  |
| Measured light output:                    | 0 - 4095 Lux,<br>Mixed light<br>measuring                                   |
| Ambient temperature:                      | -25 °C to +55<br>°C   |
| Housing:                                  | polycarbonate,<br>UV-resistant  |
| Material color:                           | white, similar to<br>RAL9010  |

## Product information

|  |
|--|
| DALI-2 multisensor (input device)  |
| DALI-2 certified product   |
| Powered via DALI bus   |
| Bright LED indication for commissioning  |
| DALI multimaster technology according to IEC 62386 part 103  |
| Instance 0 provides information regarding occupancy and movement for the DALI-Bus according to IEC 62386 part 303  |
| Instance 1 provides LUX values for the DALI-Bus according to IEC 62386 part 304  |
| Parameterisation is possible via mandatory Multimaster-Application-Controller of any manufacturer. This controller must support IEC 62386 parts 101/103/303/304. |
| Mixed light measurement with internal and external light sensor  |
| Detection area can be restricted with blinds   |
| Individual adaption of the PIR sensor sensitivity  |
| Status LEDs can be activated / deactivated   |

### Application examples:

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



## Accessories



### SM socle mounting set IP54 PD2N- / 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



### SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93307

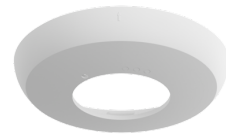
Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Material color: white, similar to RAL9010



### Cover ring PD2N FM

Art.No: 93763

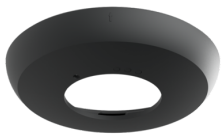
Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FM

Art.No: 93762

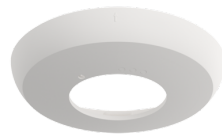
Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FM

Art.No: 93761

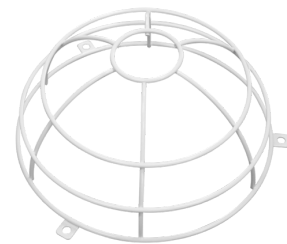
Dimensions: Ø 106 x 20 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FM

Art.No: 93760

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



### Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

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



**Blinds PD2N/PD3N**

Art.No: 37367

Housing: ABS