



**PD2N-BMS-FM DALI-2  
Set  
93544-93751-93761-92  
199**

- Voltage: via DALI Bus, max. 22.5 V DC
- Dimensions: **Ø 200 x 90 mm (92199)**
- Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304

**Order data**

| <b>Designation</b>                         | <b>Colour</b> | <b>Art.No</b> |
|--|---------------|---------------|
| PD2N-BMS-FM DALI-2                         | white         | 93544         |
| SM socle mounting set IP54 PD2N- / PD4N-FM | anthracite    | 93751         |
| Cover ring PD2N FM                         | anthracite    | 93761         |
| Wire basket BSK (Ø 200 x 90 mm)            | white         | 92199         |

## Technical data

|   |  |
|---|--|
| Voltage:                                  | via DALI Bus,<br>max. 22.5 V DC  |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>   |
| Settings:                                 | via DALI-Bus and<br>application<br>which supports<br>DALI<br>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<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:          | <b>IP20 / Class II<br/>+ IP54 (93751)</b>  |
| Impact strength:                          | <b>IK09 (92199)</b>  |
| Measured light output:                    | 0 - 4095 Lux,<br>Mixed light<br>measuring  |
| Ambient temperature:                      | -25 °C to +55 °C   |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b>   |
| Material color:                           | <b>anthracite<br/>mat, similar to<br/>RAL7016<br/>(93761)</b>  |

## Product information

Set : PD2N-BMS-FM DALI-2 + SM socle mounting set  
IP54 PD2N- / PD4N-FM anthracite mat, similar to  
RAL7016 + Cover ring PD2N FM anthracite mat,  
similar to RAL7016 + Wire basket BSK (Ø 200 x 90  
mm) white

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



## Set items

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



### PD2N-BMS-FM DALI-2

Art.No: 93544

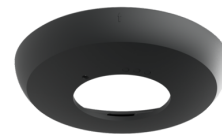
Voltage: via DALI Bus, max. 22.5 V DC  
Dimensions: Ø 106 x 42 mm  
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



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

Art.No: 93751

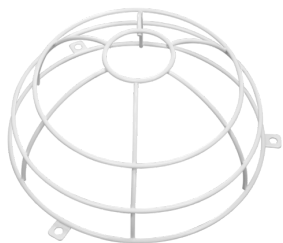
Dimensions: Ø 109 x 19 mm  
Degree / class of protection: IP54  
Housing: polycarbonate, UV-resistant



### Cover ring PD2N FM

Art.No: 93761

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