



## PD2N-BMS-FC DALI-2 Set 93543-93772-92199

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø10m (78 m²), DALI-2 input device

### Order data

| Designation                     | Colour        | Art.No |
|---------------------------------|---------------|--------|
| PD2N-BMS-FC DALI-2              | white         | 93543  |
| Cover ring PD2N FC              | traffic white | 93772  |
| 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><br><br>via DALI-Bus and<br>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<br>(tangential movement):  | 78 m² / 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><br>0 - 4095 Lux,<br>Mixed light<br>measuring                                                                                     |
| Measured light output:                    |                                                                                                                                                      |
| Ambient temperature:                      | -25 °C to +55 °C                                                                                                                                     |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b><br><br><b>traffic white<br/>mat, similar to<br/>RAL9016<br/>(93772)</b> |
| Material color:                           |                                                                                                                                                      |

## Product information

Set : PD2N-BMS-FC DALI-2 + Cover ring PD2N FC  
traffic white mat, similar to RAL9016 + 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

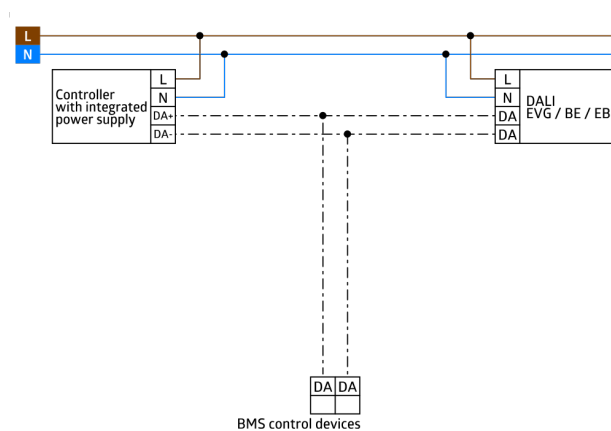
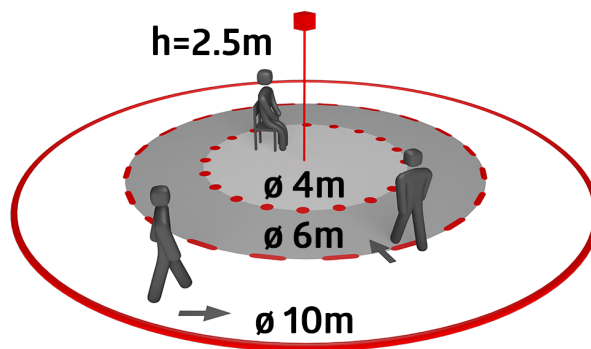
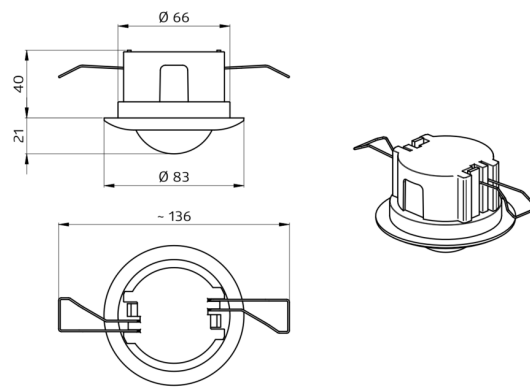
Parameterisation is possible via mandatory Multimaster-  
Application-Controller of any manufacturer. This controller  
must support IEC 62386 parts 101/103/303/304.

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-FC DALI-2**

Art.No: 93543

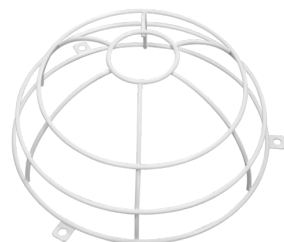
Voltage: via DALI Bus, max. 22.5 V DC  
Dimensions: Ø 83 x 55 mm  
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



### **Cover ring PD2N FC**

Art.No: 93772

Dimensions: Ø 82 x 13 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