



PD2N-BMS-FM DALI-2 Set 93544-93307

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-FM DALI-2 | white | 93544 |
| SM socle mounting set IP54 PD2N- / PD4N-FM | white | 93307 |

Technical data

| | |
|---|---|
| Voltage: | via DALI Bus, max. 22.5 V DC |
| Dimensions: | Ø 106 x 42 mm + Ø 109 x 19 mm (93307) via DALI-Bus and application which supports DALI |
| Settings: | DALI multisensors according to IEC62386, parts 101, 103, 303 and 304 |
| Typ. power input: | 7 mA |
| Settling time: | 200 ms |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated |
| Range: | |
| Monitored area (tangential movement): | 78 m ² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II + IP54 (93307) |
| Impact strength: | IK05 |
| Measured light output: | 0 - 4095 Lux, Mixed light measuring |
| Ambient temperature: | -25 °C to +55 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white, similar to RAL9010 (93307) |

Product information

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|---|
| Set : PD2N-BMS-FM DALI-2 + SM socle mounting set IP54 PD2N- / PD4N-FM white, similar to RAL9010 |
| 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: 93307

Dimensions: Ø 109 x 19 mm

Degree / class of protection: IP54

Material color: white, similar to RAL9010