



PD2N-BMS-FM DALI-2 Set

93544-93751-93761-92
199

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	anthracite	93751
Cover ring PD2N FM	anthracite	93761
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Technical data

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
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 (93751)
Impact strength:	IK09 (92199)
Measured light output:	0 - 4095 Lux, Mixed light measuring
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant + coated steel basket (92199)
Material color:	anthracite mat, similar to RAL7016 (93761)

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

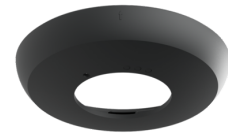
Voltage: via DALI Bus, max. 22.5 V DC
Dimensions: Ø 106 x 42 mm
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93751

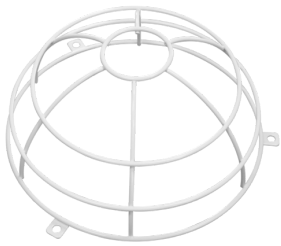
Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant



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