



PD2N-BMS-FM DALI-2 Set 93544-93762-92199

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-FM DALI-2	white	93544
Cover ring PD2N FM	traffic white	93762
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) via DALI-Bus and application which supports DALI
Settings:	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
Range:	max. Ø 6 m towards max. Ø 4 m seated
Monitored area (tangential movement):	78 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 5 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK09 (92199) 0 - 4095 Lux, Mixed light measuring
Measured light output:	
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant + coated steel basket (92199) traffic white mat, similar to RAL9016 (93762)
Material color:	

Product information

Set : PD2N-BMS-FM DALI-2 + Cover ring PD2N FM
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

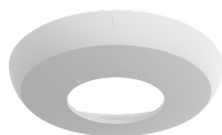
To receive the bundle according to the technical specification, please order the items listed.



PD2N-BMS-FM DALI-2

Art.No: 93544

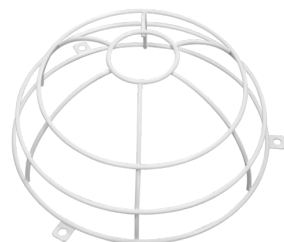
Voltage: via DALI Bus, max. 22.5 V DC
Dimensions: Ø 106 x 42 mm
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



Cover ring PD2N FM

Art.No: 93762

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