



PD2N-BMS-FM DALI-2

Prod.No. 93544 EAN: 4007529935444

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

Accessories

Designation	Colour	Art.No
SM socle mounting set IP54 PD2N- / PD4N-FM	black	93753
SM socle mounting set IP54 PD2N- / PD4N-FM	traffic white	93752
SM socle mounting set IP54 PD2N- / PD4N-FM	anthracite	93751
SM socle mounting set IP54 PD2N- / PD4N-FM	white	93307
Cover ring PD2N FM	black	93763
Cover ring PD2N FM	traffic white	93762
Cover ring PD2N FM	anthracite	93761
Cover ring PD2N FM	white	93760
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Blinds PD2N/PD3N		37367

Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	Ø 106 x 42 mm 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 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
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

Product information

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

Application examples:

staircases, small offices, open-plan offices, conference rooms, classrooms/seminar rooms



Accessories



SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93753

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



SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93752

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



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



SM socle mounting set IP54 PD2N- / PD4N-FM

Art.No: 93307

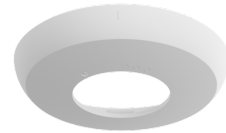
Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010



Cover ring PD2N FM

Art.No: 93763

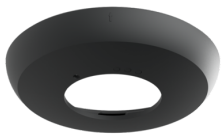
Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



Cover ring PD2N FM

Art.No: 93762

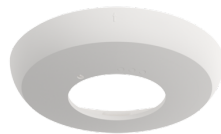
Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



Cover ring PD2N FM

Art.No: 93761

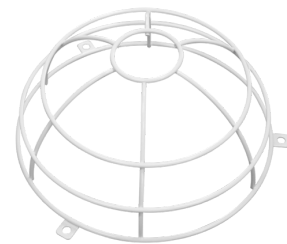
Dimensions: Ø 106 x 20 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



Cover ring PD2N FM

Art.No: 93760

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



Blinds PD2N/PD3N

Art.No: 37367

Housing: ABS