

B.E.G.**LUXOMAT® net**

PD4N-BMS DALI-2 Set 93546-93752-93742

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø24m (450 m²), DALI-2 input device

Order data

Designation	Colour	Art.No
PD4N-BMS DALI-2	white	93546
SM socle mounting set IP54 PD2N- / PD4N-FM	traffic white	93752
Corridor lens PD4N type A, Cover ring	traffic white	93742

Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	Ø 106 x 68 mm + Ø 109 x 19 mm (93752) via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304
Settings:	
Typ. power input:	7 mA
Settling time:	200 ms
Detection area:	horizontal 360° (Ceiling mounting) (93742) max. Ø 40 m across max. Ø 20 m towards (93742) 250 m² / 2.5 m mounting height (93742)
Range:	
Monitored area (tangential movement):	2.4 m / 2.6 m / 2.5 m (93742)
Mounting height min./max./recommended:	IP20 / Class II + IP54 (93752)
Degree / class of protection:	
Impact strength:	IK04
Measured light output:	0 - 4095 Lux, Mixed light measuring
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Material color:	traffic white mat, similar to RAL9016 (93742)

Product information

Set : PD4N-BMS DALI-2 + SM socle mounting set IP54
PD2N- / PD4N-FM traffic white mat, similar to
RAL9016 + Corridor lens PD4N type A, Cover ring
traffic white mat, similar to RAL9016

Long-range 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

Suitable for mounting in false ceilings and flush-mounting

Accessory for surface mounting available

Detection area can be restricted with blinds

Individual adaption of detection sensitivity for each PIR sensor

Status LEDs can be activated / deactivated



Set items

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



PD4N-BMS DALI-2

Art.No: 93546

Voltage: via DALI Bus, max. 22.5 V DC

Dimensions: Ø 106 x 68 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: 93752

Dimensions: Ø 109 x 19 mm

Degree / class of protection: IP54

Housing: polycarbonate, UV-resistant



Corridor lens PD4N type A, Cover ring

Art.No: 93742

Detection area: horizontal 360°
(Ceiling mounting)

Range: max. Ø 40 m across
max. Ø 20 m towards

Monitored area (tangential
movement): 250 m² / 2.5 m
mounting height