B.E.G. LUXOMAT® net



# PD2N-DALI-SYS-FM Set 93368-93752-93762-92199

DALI-SYS PIR motion detector with 360° detection and a range of up to Ø10m (78 m²), for integration into DALI-SYS systems

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD2N-DALI-SYS-FM | white | 93368 |
| SM socle mounting set IP54 PD2N- / PD4N-FM | traffic white | 93752 |
| 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)** |
| Settings: | B.E.G. PC Tools, B.E.G. DALI-SYS router |
| Typ. power input: | 3 mA |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 10 m across<br>max. Ø 6 m towards<br>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 + IP54 (93752)** |
| Impact strength: | **IK09 (92199)** |
| Ambient temperature: | -25 °C to +55 °C |
| Housing: | **polycarbonate, UV-resistant + coated steel basket (92199)** |
| Material color: | **traffic white mat, similar to RAL9016 (93762)** |
| Follow-up time: | 1 sec – 120 min |
| Orientation light: | 5 – 100 % / 1 min – 120 min / ∞ |
| Brightness set value: | 10 – 2500 Lux |

## Product information

Set : PD2N-DALI-SYS-FM + SM socle mounting set IP54 PD2N- / PD4N-FM traffic white mat, similar to RAL9016 + Cover ring PD2N FM traffic white mat, similar to RAL9016 + Wire basket BSK (Ø 200 x 90 mm) white

DALI multisensor

Powered via DALI bus

Seemless integration in B.E.G. LUXOMAT®net DALI-SYS

Bright LED indication for commissioning

Detection area can be extended thanks to master-slave-mode

Mixed light measurement with internal and external light sensor

Semi-automatic, full-automatic or twilight switch mode

Integrated daylight harvesting circuit (or switch output)

Guided Light, Soft-Start PLUS, Orientation light PLUS

Works out-of-the box for easy installation check

Full range of functions can only be activated with other products of the product group B.E.G. LUXOMAT®net DALI-SYS

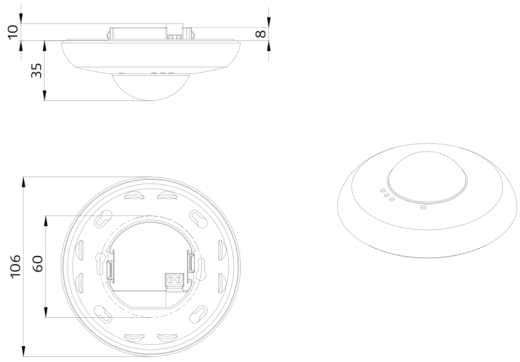
This article is a component of a lighting control system from B.E.G., which supports the use of DALI control gear (luminaires, relays) from other manufacturers

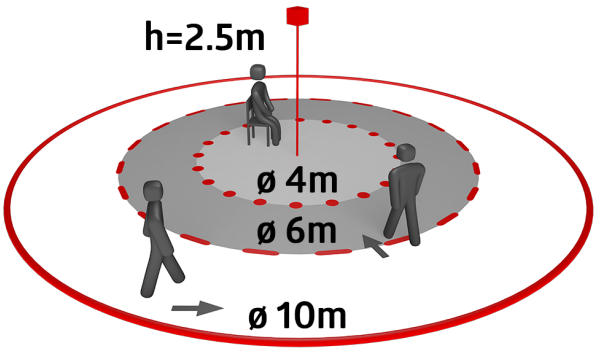
The use of DALI application controllers from other manufacturers is not supported

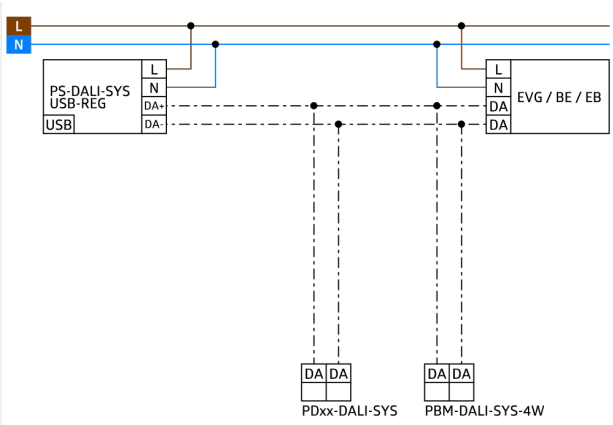
The use of DALI input devices (sensors, push-buttons) from other manufacturers is not supported

Additional system components (hardware) from B.E.G. are required

Additional services (planning, commissioning and maintenance) from B.E.G. are required


10
8
35
106
60


h=2.5m
ø 4m
ø 6m
ø 10m


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PS-DALI-SYS
USB-REG
USB
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DA+
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EVG / BE / EB
DA DA
PDxx-DALI-SYS
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PBM-DALI-SYS-4W

## Set items

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



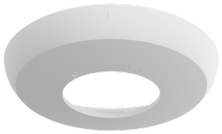
**PD2N-DALI-SYS-FM**
Art.No: 93368

Voltage: via DALI Bus, max. 22.5 V DC
Dimensions: Ø 106 x 42 mm
Settings: B.E.G. PC Tools, B.E.G. DALI-SYS router



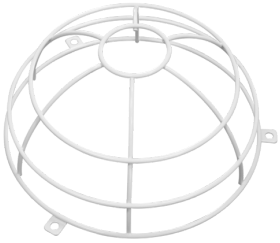
**SM socle mounting set IP54 PD2N- / PD4N-FM**
Art.No: 93752

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



**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