

Occupancy detectors DALI Compact - 1-channel Broadcast

PD4-M-DACO-GH DALI-2



white mat, similar to
RAL9010 , Part No. 93469

Product Information

- Occupancy detector for large heights with integrated DALI application controller for energy-efficient lighting control
- External telescopic light sensor for a mounting height between 5 and 16 m (mechanically adjustable) for measuring the light according to the application.
- DALI-2 certified product
- Integrated DALI power supply
- DALI interface for controlling digital, dimmable ECGs in broadcast mode
- Manual switching or dimming via conventional pushbuttons
- Bidirectional IR communication enables fast integration into the project management function of the B.E.G. One app
- Complete range of functions can only be activated using the BLE-IR-Adapter and a compatible Smartphone or Tablet (Android, iOS).
- Semi-automatic, full automatic, presence-independent or light-independent mode adjustable
- Adjustable regulation dynamics (minimum and maximum values)
- Adjustable speed and delay of the regulation
- Single master version, not networkable
- Detection area can be extended with slave devices
- Mixed light measurement with external light sensor
- DALI output power can be increased with accessories
- Integrated daylight harvesting circuit (or switch output)
- Adjustable switch-on value
- Last value - Reminder function for switch-on value
- Adjustable brightness set value and reflection factor

- Indication of the current light sensor value in the B.E.G. One App
- Self-check and display of device errors in the B.E.G. One App
- Status LEDs can be activated / deactivated
- PIN code
- Corridor function - Deactivates the possibility to switch off the light via the push-button
- Number of DALI participants can be determined quickly and reliably via the B.E.G. Online DALI Line Planner
- Software is backwards compatible with the first generation (except DSI, double lock and corridor function)
- Factory setting 10 min follow-up time and 500 lux brightness set value
- There are markings to ensure correct alignment during installation
- **When used in high-bay warehouses, care should be taken that, in the cross-aisles of the warehouse, detectors are installed that can detect movement only in the desired aisle locations, by using blinds or other technical arrangements.**
- Surface-mount version
- **Application examples:**
high-bay warehouse, sports halls/ storage rooms

Technical Data

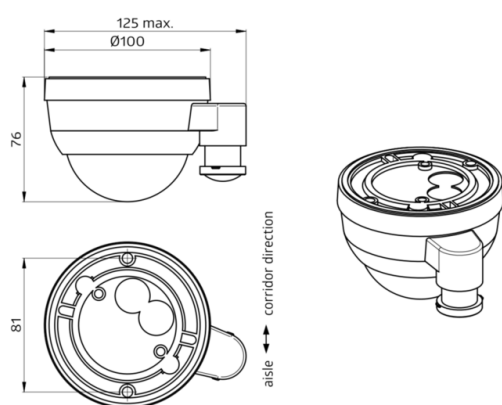
Voltage:	230 V AC $\pm 10\%$ 50 Hz
Dimensions:	Ø 101 x 76 mm
Power consumption:	approx. 2 W
slave devices:	up to 8
Detection area:	horizontal 360° oval (Ceiling mounting)
Range:	30 m x 19 m
Monitored area (tangential movement):	440 m ² / 14 m mounting height
Mounting height min./max./recommended:	5 m / 16 m / 14 m
Degree / class of protection:	IP54 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Channel 1 (lighting control)	
DALI output:	80 mA (guaranteed), 125 mA (max.), Shut-down mechanism
supported control gear:	DT0. DT5. DT6. DT7
supported control devices:	- (single master)
Follow-up time:	1 min – 150 min
Orientation light:	10 – 30 % / OFF / 5 min – 60 min / ∞
Brightness set value:	10 – 2500 Lux

Description

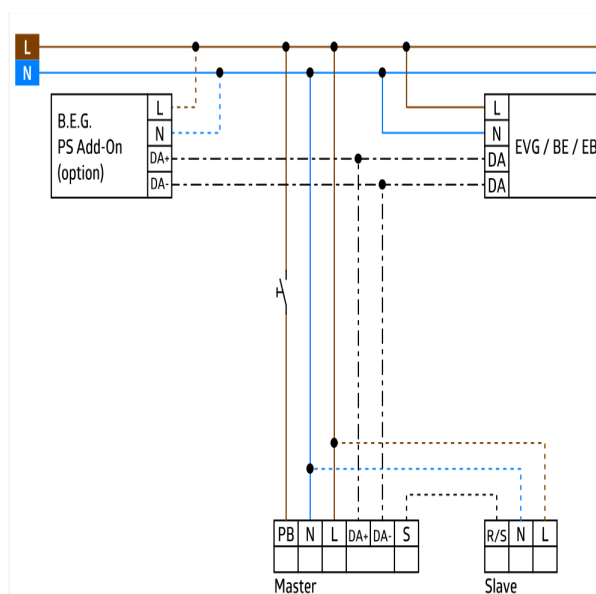
Description	Colour	Part number	EAN number
PD4-M-DACO-GH-SM DALI-2	white mat, similar to RAL9010	93469	4007529934690

Accessory

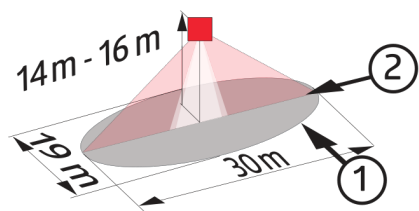
Description	Colour	Part number	EAN number
BLE-IR-Adapter	black	93067	4007529930678
IR-Adapter for Smartphones	black	92726	4007529927265
IR-PD-DALI	-	92094	4007529920945
IR-PD-DALI-LD	-	92652	4007529926527
IR-PD-DALI-E	-	92122	4007529921225
IR-PD-DALI-Mini	-	92112	4007529921126
Wire basket BSK (Ø 200 x 90 mm)	white	92199	4007529921997
Wall holder PD4-SM	white	92441	4007529924417
SM socket for Wall holder	white	93192	4007529931927



Dimensions 93469



Wiring diagrams



Range diagram

- 1: Walking across
- 2: Walking towards

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