



Manuals and documents in further languages:  
<https://eltako.com/redirect/DL2-BH98B-pm>

## DL2-BH98B-pm

DALI-2 motion/brightness sensor office. Application controllers and instances. Protection class: IP 20.



DALI-2 certified.

The DL2-BH98 is connected directly to the DALI bus and powered by it. A DALI bus power supply is required; no additional power supply is required. Maximum current consumption 3.5 mA.

The connection to the DALI terminals can be made regardless of polarity.

The terminals are suitable for wire cross-sections ranging from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup>. The DALI cables can be designed with standard low-voltage installation material. No special cables are required.

Installation of the mounting ring directly on the back box. The housing is then simply plugged onto the mounting ring. The recessed head has sufficient space within the electrical installation box, enabling a flat installation.

Alignment to the desired detection area through 40° vertical tilt and 360° axial rotation.

Application controller and instances configurable via Dali Cockpit. In principle, a distinction is made between an application controller and the DALI-2 instances. The Application Controller leads to direct DALI control commands that are immediately executed by the DALI drivers. The DALI-2 instances generate event messages that are interpreted and further processed by higher-level control units.

### 4 operating modes:

- Movement triggered
- Movement triggered with constant light control
- Constant light control
- Light control (4 thresholds)

Operating modes can be changed via scenes and external DALI commands. Corridor function – second light value for dimming down before switching off. Optional use as an active DALI lighting control unit or as a sensor unit for integration into building management systems. Bidirectional integration via the FD2G14 into the 14 series. Simple configuration via the DALI bus using the PC software tool DALI Cockpit. Multiple sensor modules can be installed within a DALI system. Automatic synchronisation of multiple sensors with the same effective range.

Dimensions: 98x47 mm

Installation depth: 30 mm

Colour: polar white mat (similar to RAL9010).

### Motion detector:

Detection range: 2.3 m/3 m

Typical mounting height: 3 m

Zones: 36/48

Horizontal: ±44°/±90°

Vertical: ±44°/±90°

Optimised for detecting the smallest movements (e.g. arm movements).

### Light sensor:

Range: 0-2047 lux (11 bit), resolution: 1 lux

Event: 0-2047 lux (10 bit), resolution: 2 lux

DALI-Cockpit page 7-32.  
DL-USB page 7-33.

DL2-BH98B-pm	DALI-2 motion/brightness sensor office	Art. No. 33000031	162,50 €/pc.
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