

**Tender text article number 353-852511**

Motion detector M49HC, DALI-2, BMS, 18-53 m, for surface mounting, white



Proposed product description according to BIPS 4.7.9

Motion detector M49HC, DALI-2, BMS, 18-53 m, for surface mounting, white

**SPECIFICATIONS**

|                             |                              |
|-----------------------------|------------------------------|
| Configuration               | BMS                          |
| Detector technology         | PIR                          |
| Mounting method             | surface mounting             |
| Input voltage               | via the DALI bus             |
| Detector output             | DALI-2                       |
| Light intensity range       | 0 lux – 10360 lux            |
| Maximum current consumption | 10 mA                        |
| Detection angle             | 360° (3 x 120°)              |
| Detection range (PIR)       | ø 53 m from a height of 12 m |
| Ambient temperature         | -25 – +40 °C                 |
| Mounting height             | 4 – 12 m                     |
| Impact resistance           | IK04                         |
| Protection degree           | IP54                         |
| Marking                     | CE                           |

Proposed functionalities description according to BIPS 4.7.10

**Mounting method**

The detector is suitable for surface mounting on all types of ceilings.

**Configuration**

The detector is DALI-2 certified (in accordance with EN/IEC 62386-301/302/303/304) and must be connected to a DALI bus of a DALI-2 application controller (BMS system). The detector is to be commissioned via the BMS software.

**Configuration app**

Local adjustment of the sensitivity in 4 levels can be configured via the app using 2-way Bluetooth® communication between a smartphone or tablet and the detector. The firmware of the detector can be updated via the app.

**Bluetooth® communication**

Via the BMS software Bluetooth® communication is to be disabled.

**PIN code**

The detector can be protected with a 4-digit PIN code in the app to prevent others from controlling the detector or modifying its settings.

**Wire connectors**

The wires are connected using plug-in terminals.

**Event log**

The event log in the app shows all the changes you made to the settings of a specific detector.

**Sensitivity**

The 360° detection range can be divided into three sectors each covering 120°. The sensitivity of these sectors can be set separately in 4 levels and a sector can be switched off completely.

**Documentation**

Documentation is available in digital format on an online portal. This portal also allows to store, review and share settings in PDF and/or Excel format. The detectors can be organised into specific projects or groups. Existing detector settings can be used as a template for new detectors.

**Detection range**

The detection range is documented in accordance with EN/IEC 63180.