

**Tender text Article number 353-651521**

Presence detector P49MR, DALI-2, BMS, 12-13 m, for flush mounting (SnapFit), white



Proposed product description according to BIPS 4.7.9

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**SPECIFICATIONS**

|                             |                             |
|-----------------------------|-----------------------------|
| Configuration               | BMS                         |
| Detector technology         | PIR                         |
| Mounting method             | flush mounting (SnapFit)    |
| 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°                        |
| Detection range (PIR)       | ø 12 m from a height of 3 m |
| Ambient temperature         | -25 – +40 °C                |
| Flush-mounting depth        | 56.9 mm                     |
| Drilling diameter           | 76.0 mm                     |
| Mounting height             | 2 – 3.5 m                   |
| Impact resistance           | IK02                        |
| Protection degree           | IP20                        |
| Marking                     | CE                          |

Proposed functionalities description according to BIPS 4.7.10

**Mounting method**

The detector is suitable for mounting in all types of ceilings without the use of additional elements (e.g. tiles) to guarantee stable mounting. The detector can easily be dismantled without damaging the ceiling or ceiling tiles.

**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.

**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.