

**Tender text Article number 353-852011**

Motion detector M46HC, DALI-2, secondary and BMS, high ceiling, 18-53 m, 360°, for surface mounting



Proposed functionalities description according to BIPS 4.7.9

Motion detector M46HC, DALI-2, secondary and BMS, high ceiling, 18-53 m, 360°, for surface mounting

**SPECIFICATIONS**

Configuration	DALI-2 secondary - 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
Detection angle	360 °
Detection range (PIR)	ø 53 m from a height of 12 m
Ambient temperature	-25 – +40 °C
Mounting height	4 – 12 m
Marking	CE
Protection degree	IP54

Proposed functionalities description according to BIPS 4.7.10

**Mounting method**

The detector is suitable for surface mounting on all types of ceilings with a height between 4 m and 12 m.

**Configuration app**

All detectors in the installation can be configured using the app and 2-way Bluetooth® communication between a smartphone or tablet and the detector. There are no additional configuration tools required.

**Configuration**

The detector is DALI-2 certified (in accordance with EN/IEC 62386-301/302/303/304). If the detector is configured as secondary detector and connected to a DALI bus controlled by a master detector, the detector can communicate with the master detector and extend its range without further commissioning. If it is connected to a DALI bus of a BMS system, the detector is to be commissioned with the BMS software.

**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.

**Event log**

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

**Sensitivity**

The detector's sensitivity for detecting movement can be set using the app and 2-way Bluetooth® communication between a smartphone or tablet and the detector. 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 and is stored in an online portal.

**Detection range**

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

**Bluetooth® repeater**

If the detector is configured as a secondary detector, it can function as a repeater to the Bluetooth® device, extending the signal's range.

**BMS integration**

Via the DALI bus, the detector is suitable for BMS integration (in accordance with EN/IEC 62386-301/303/304).