

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

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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).