Tender text Article number 353-750521

Presence detector P49LR, DALI-2, BMS, 32-37 m, for flush-mounting box, white

Proposed product description according to BIPS 4.7.9

Presence detector P49LR, DALI-2, BMS, 32-37 m, for flush-mounting box, white

SPECIFICATIONS

Configuration	BMS
Detector technology	PIR
Mounting method	flush-mounting box
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 37 m from a height of 3 m
Ambient temperature	-25 – +40 °C
Mounting height	2 – 3.5 m
Impact resistance	IK04
Protection degree	IP20
Marking	CE

Proposed functionalities description according to BIPS 4.7.10

Mounting method
The detector is suitable for mounting in a standard flush-mounting box (50 or 79 mm diagonal screw distance).

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.