Tender text Article number 353-602111

Motion detector M42MR, 230 V, 1 channel, 12-13 m, 360°, for surface mounting

Proposed functionalities description according to BIPS 4.7.9

Motion detector M42MR, 230 V, 1 channel, 12-13 m, 360°, for surface mounting

SPECIFICATIONS

Configuration	stand-alone
Detector technology	PIR
Mounting method	surface mounting
Input voltage	230 Vac ± 10 %, 50 Hz
Detector output	230 V (ON/OFF)
Number of channels	1 channel
Light intensity range	20 lux – 2000 lux, ∞
Switch-off delay	pulse, 15 s – 2 h, ∞
Detection angle	360 °
Detection range (PIR)	ø 12 m from a height of 3 m
Ambient temperature	-25 – +40 °C
Mounting height	2 – 3.5 m
Relay contact	N.O. (max. µ10 A), potential-free
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.

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.

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 sensitivity can be set in 4 levels.

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.

230 V lighting control
230 V non-dimmable lighting can be controlled via the detector's internal relay (e.g. halogen or fluorescent lamps). The lights can be switched ON and OFF according to movement, a set lux level and/or a push button.

Manual control with 230 V inputs
A 230 V input wired to the detector can perform different actions: switch the light ON/OFF or switch only ON.

Switch-off above lux level
If 'Switch-off above lux level' is ON, the detector's priority is light and the second priority is movement. The detector controls the lights according to the ambient lux level. The lights will switch off when the lux level in the room is above the lux level setting for 10 min, even if there is still movement in the room. If 'Switch-off above lux level' is OFF, the detector's priority is movement. The detector controls the lights according to movement only. The lights will only switch off at the end of the switch-off delay.