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Presence detector P47LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white

Proposed functionalities description according to BIPS 4.7.9

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SPECIFICATIONS

Configuration	master
Detector technology	PIR
Mounting method	flush-mounting (SnapFit)
Input voltage	230 Vac ± 10 %, 50 Hz
Detector output	DALI Broadcast/DALI Addressable
Light intensity range	20 lux – 2000 lux, ∞
Switch-off delay	pulse, 20 s – 2 h, ∞
Detection angle	360°
Detection range (PIR)	ø 37 m from a height of 3 m
Ambient temperature	-25 – +40 °C
Flush mounting depth	56.9 mm
Drill diameter	76.0 mm
Mounting height	2 – 3.5 m
Marking	CE
Protection degree	IP20

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 removed without damaging the ceiling or ceiling tiles.

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 IEC 62386). It supports DALI broadcast and DALI addressable, meaning a unique address can be assigned to each DALI device on the DALI bus. The DALI devices can be connected at random to the DALI bus, regardless of wiring and the subsequent configuration of daylight zones. DALI devices can be added subsequently, and their configuration can be modified without changing the wiring.

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.

Manual control with 230 V inputs
A 230 V input wired to the detector can perform different actions: switch the light ON/OFF, switch only ON or dim manually. The 230 V input can control one or more zones.

Orientation lights
The lights can be set at a lower level when there is no movement detected in the zone. 3 seconds after the switch-off delay has expired, the light will dim down to the orientation light level. The orientation light switch-off delay defines the time during which the orientation lights will dim down to a preconfigured light level between 1 % and 50 %. When the time has expired, the orientation lights will switch off entirely.

Automatic ballast replacement
A (defective) DALI ballast/driver can be replaced without reconfiguration. The new DALI device will automatically copy the settings of the replaced device.

Expansion of the detection area
The detection range of the master detector can be expanded with several secondary detectors.

Daylight control when dimming manually
The light in the daylight zones can be dimmed up or down manually. When the dimming is stopped, the new temporary lux level is stored in the detector. The light will from then on be daylight controlled according to the new lux level. When the light is switched OFF manually or automatically, the original lux level setting is reactivated.

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.

Daylight zones
The detector automatically calibrates daylight zones in function of the lux level in each daylight zone and the reflections in the room. The calibration can be activated manually.