

Presence detector P48LR, DALI-2, master, 32 – 37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white

353-751421-1

4 year warranty

This presence detector is a DALI-2 master for DALI lighting control in up to four zones. It can be controlled wirelessly by push buttons. The detector settings can be modified using the Niko detector tool app and 2-way Bluetooth® communication. The Snapfit® mounting system guarantees fast and stable installation. Moreover, the detector is prewired with a cable and a 5-pole female connector that is unique, which helps to avoid installation errors and save time. Use this P48 detector to enable the following lighting control functions in hallways, corridors, offices, classrooms and meeting rooms:

- Human Centric Lighting (HCL)
- tunable white
- four dimmable zones/light circuits
- light scenarios
- control of non-dimmable luminaires externally on the DALI bus with distribution box 353-70806
- multi-zone for a board light/smart board
- master/master link for adjacent areas control

The range can be extended with up to ten P47 DALI-2 secondary detectors with a 2 meter cable and connector. Mind the maximum guaranteed current on the DALI-bus.

Use distribution box 353-70804 to divide the power distribution to the DALI luminaires over two circuit breakers and achieve a higher security of supply.

Finishing colour: white

Compatible secondary detectors: 353-651021-1, 353-751021-1

Compatible controls: 170-00005, 170-00015, 170-70015, 170-70005, 360-21001

- Lighting control in up to 4 zones (daylight controlled)
- SnapFit mounting bracket for easy and stable mounting
- Lighting zones can be controlled wirelessly by push buttons
- Quick cabling using screwless and easily accessible plug-in terminals
- Commissioning using app (iOS/Android) and 2-way Bluetooth® communication
- Supports DALI broadcast (default) and DALI addressable (up to 64 devices)
- Pre-configured functions:
 - auto configuration / orientation light / night mode
 - light scenarios – define and control up to 16 light scenarios
 - wireless communication master-to-master enabling: folding door, lighting control in adjacent areas, unlimited number of DALI devices (> 64 DALI devices)
 - multi zone for (smart) board lighting
 - tunable white using integrated presets or third-party integration
 - human centric lighting (24 presets)
 - output relay - control HVAC / standby minimization / light (On/Off)
 - external relay for HVAC / standby minimization / light (On/Off)



Bluetooth®

DALI



DALI-2



master



360°



ø 37 m from
a height of
3 m



2 – 3.5 m



flush-
mounting
(SnapFit)

niko

- adjustable turn-on level when daylight control is disabled
- adjustable PIR sensitivity (5 levels incl. disable) in 3 x 120°
- event log keeps track of recent changes
- DALI lighting control can be overridden with a 230 V push button - different options available
- External DALI-2 input devices via DALI bus - up to 64 devices
- External trigger can be connected e.g. security alarm
- Web based portal solution for backing up and exchanging configuration files
- Settings and configuration can be locked with a PIN code
- Suitable for BMS integration