

Presence detector P48MR, DALI-2, master, 12 – 13 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 X 2 m cable with 5-pol. connectors, white

353-651421-2

4 year warranty

This flat and discrete 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 cables and 5-pole female connectors that are each unique, which helps to avoid installation errors and save time.

Use the P48 detector's internal relay in combination with a distribution box (353-7080X) to enable the following lighting control functions:

- HVAC control in combination with distribution box 353-70801 to accommodate the integration of HVAC systems
- Control of non-dimmable ON/OFF lighting with distribution box 353-70802
- Standby minimisation of luminaires in combination with distribution box 353-70803 to save energy
- Control of non-dimmable luminaires externally on the DALI-bus with distribution box 353-70806

The range can be extended with up to ten P46 DALI-2 secondary detectors with a 2 meter cable and a connector. Mind the maximum guaranteed current on the DALI-bus.

These solutions are mainly suitable for offices, classrooms, conference rooms and meeting rooms. Lighting control can be overridden with 230 V push buttons. 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

- Flat and discrete design
- Lighting control in up to 4 zones (daylight controlled)
- Lighting zones can be controlled wirelessly by push buttons
- SnapFit mounting bracket for easy and stable mounting
- 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:
 - adjustable PIR sensitivity (4 levels)
 - 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 DALI devices (> 64 DALI devices)

WAGO



Bluetooth

DALI



DALI-2



master



360°



ø 12 m from
a height of
3 m



2 – 3.5 m



flush-
mounting
(SnapFit)

niko

- 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)
- adjustable turn-on level when daylight control is disabled
- 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