

Presence detector P47MR, DALI-2, master, 12-13 m, for flush mounting (SnapFit), white

353-651321



DALI-2



master



IP20



20 lx – 2,000 lx



360°



12 m from a height of 3 m



2 m – 3.5 m



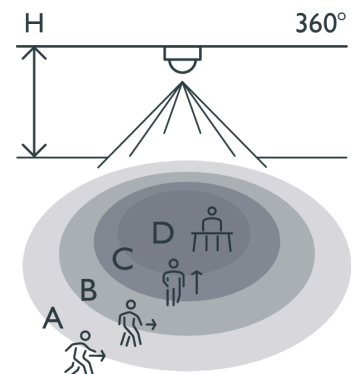
flush-mounting (SnapFit)



Bluetooth® Low Energy



Detection range



| H | A Walking | B Across | C Towards | D Presence |
|-------|-----------|----------|-----------|------------|
| 2.5 m | ∅ 13 m | ∅ 11 m | ∅ 3 m | ∅ 5 m |
| 3.0 m | ∅ 12 m | ∅ 12 m | ∅ 3 m | ∅ 5 m |

Measured according to EN/IEC63180



This flat and discrete presence detector is a DALI-2 master detector for DALI lighting control in up to 3 daylight zones. The SnapFit mounting bracket ensures a quick and stable mounting in all types of suspended ceilings with or without removable tiles. The lighting zones are defined during commissioning, using the Niko detector tool app and 2-way Bluetooth® communication between a smartphone and the detector.

Colour: white

Compatible secondary detectors: 353-650021, 353-651021, 353-652021, 353-750021, 353-751021, 353-752021, 353-852011

Compatible master detectors:

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

This article is protected by at least one patent (or patent application). For more info on patents, see www.niko.eu/innovation.

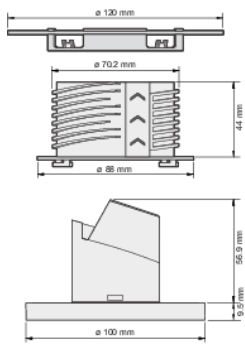
- Flat and discrete design
- Daylight control in 1-3 daylight zones
- SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles
- Quick cabling using screwless and easily accessible plug-in terminals
- Screwless strain relief and screwless installation of cable cover

- User-friendly app for settings (iOS/Android)
- 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app
- Supports DALI broadcast (default) and DALI addressable
- Pre-configured functions:
 - DALI lighting control can be overridden with a 230 V push button - different options available
 - Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus) (consider guaranteed current on the DALI bus)
- Settings and configuration can be locked with a PIN code
- Web based portal solution for backing up and exchanging configuration files

Technical features

| | |
|--|--|
| Compatible secondary detectors | 353-650021, 353-651021, 353-652021, 353-750021, 353-751021, 353-752021, 353-852011 |
| Compatible controls | 170-00005, 170-00015, 170-70015, 170-70005, 360-21001 |
| Configuration | master |
| Input voltage | 230 Vac |
| Detector output | DALI Broadcast/DALI Addressable |
| Maximum startup time DALI | < 1,200 ms |
| Maximum PIR detection startup time | 70 sec |
| Switch-off delay | pulse, 30 sec – 7,200 sec, ∞ |
| Maximum power consumption | 0.5 W |
| Maximum MCB rating | 16 A (limited by national installation rules) |
| Detection angle | 360 ° |
| Detection range (PIR) | 12 m from a height of 3 m |
| Minimum ambient temperature | -25 °C |
| Maximum ambient temperature | +40 °C |
| Mounting method | flush-mounting (SnapFit) |
| Mounting height | 2 m – 3.5 m |
| Colour | white |
| Colour RAL (approximately) | 9010 |
| Dimensions visible (HxWxD) | 100 mm x 100 mm |
| Dimensions (HxWxD) | 120 mm x 120 mm x 66.4 mm |
| Maximum range Bluetooth® (free field, depending on the device) | 50 m |
| Operating frequency | 2.4 GHz |
| Maximum radio frequency power | -2 dBm |
| Protection degree standalone | IP20 |
| Impact resistance | IK02 |
| Modification of settings | Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication |
| Halogen-free | yes |

Dimensions



Wiring diagram

