Presence detector P48LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), white

353-751421

4 year warranty

DALI-2 | master | IP20 | N.O. (max. 10 A), potential-free | 20 lx – 2,000 lx | 360° | ø 37 m from a height of 3 m

2 m – 3.5 m | flush-mounting (SnapFit) | Bluetooth® Low Energy



This presence detector is a DALI-2 master for DALI lighting control in up to 4 zones. The detector is fitted with multiple functions and can be controlled wirelessly using push buttons. 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

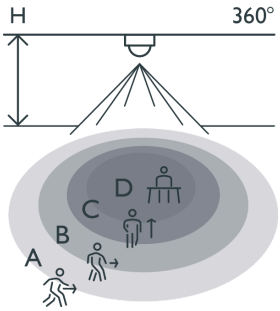
Compatible secondary detectors: 353-650021, 353-651021, 353-652021, 353-750021, 353-751021, 353-752021, 353-852011

Compatible 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.

- 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

Detection range



H	A Walking	B Across	C Towards	D Presence
2.5 m	⌀ 32 m	⌀ 28 m	⌀ 10 m	⌀ 8 m
3.0 m	⌀ 37 m	⌀ 30 m	⌀ 8 m	⌀ 5 m
3.5 m	⌀ 48 m	⌀ 42 m	⌀ 8 m	⌀ 6 m

Measured according to EN/IEC63180

- Supports DALI broadcast (default) and DALI addressable (up to 64 devices)
- Pre-configured functions:
- 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

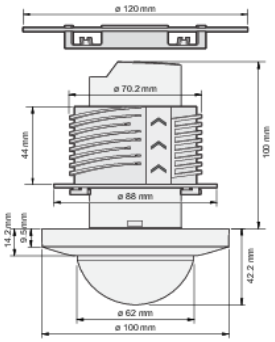
Technical features

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
Detector output	DALI Broadcast/DALI Addressable
Maximum startup time DALI	<1.2 s
Maximum PIR detection startup time	1 min 10 s
Switch-off delay	pulse, 20 s – 2 h, ∞
Maximum power consumption	0.6 W
Maximum MCB rating	16 A (limited by national installation rules)
Detection angle	360 °
Detection range (PIR)	ø 37 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)	100 mm x 100 mm x 142.2 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
Protection degree	IP20
Impact resistance	IK04
Modification of settings	Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication
Halogen-free	yes
Certificates marks	CE

Accessories

353-999879	Lens cover for P4XLR, M4XLR and M4XHC detectors transparent (5 pieces)
353-991991	Deco ring for flush-mounted P4XLR and M4XLR detectors, white
353-991992	Deco ring for flush-mounted P4XLR and M4XLR detectors, black
353-991901	Spring clips for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit)

Dimensions



Wiring diagram

