

Presence detector  
353-751321-1



- EN** Presence detector P47LR, DALI-2, master, 32-37 m, 360°, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector
- NL** Aanwezigheidsmelder P47LR, DALI-2, master, 32-37 m, 360°, voor inbouw (SnapFit), WAGO WINSTA® MIDI 2 m kabel met 5-polige connector
- FR** Détecteur de présence P47LR, DALI-2, maître, 32-37 m, 360°, à encastrer (SnapFit), câble WAGO WINSTA® MIDI de 2 m avec connecteur à 5 pôles
- DE** Präsenzmelder P47LR, DALI-2, Master, 32-37 m, 360°, für Deckeneinbau (SnapFit), WAGO WINSTA® MIDI 2 m Kabel mit 5-poligem Stecker
- DK** Tilstedeværelsessensor P47LR, DALI-2, master, 32-37 m, 360°, planforsænket (SnapFit), WAGO WINSTA® MIDI 2 m kabel med 5-pol stik
- SE** Närvarosensor P47LR, DALI-2, master, 32-37 m, 360°, för infälld montering (SnapFit), WAGO WINSTA® MIDI 2 m kabel med 5-poliga kontakter
- NO** Tilstedeværelsessensor P47LR, DALI-2, master, 32-37 m, 360°, til innfelt montering (SnapFit), WAGO WINSTA® MIDI 2 m kabel med 5-polet kontakt
- IT** Rilevatore di presenza P47LR, DALI-2, master, 32-37 m, 360°, per montaggio a incasso (SnapFit), WAGO WINSTA® MIDI cavo da 2 m con connettore a 5 poli
- PL** Czujnik obecności P47LR, DALI-2, nadrzędny, 32-37 m, 360°, do montażu podtynkowego (SnapFit), kabel 2 m ze złączami 5-biegowymi WAGO WINSTA® MIDI
- SK** Detektor prítomnosti P47LR, DALI-2, master, 32-37 m, 360°, na zapustenú montáž (SnapFit), WAGO WINSTA® MIDI 2 m kábel s 5-pólovým konektorom

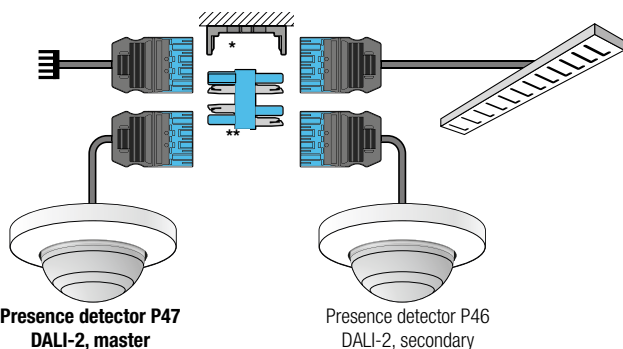
## Wiring

Aansluitschema / Schéma de raccordement / Verdrahtung / Tilslutningsskema / Kopplingschema / Ledningstilkopling / Cablaggio / Okablowanie / Instalácia

⚠ This product must be secured with a miniature circuit breaker (MCB) of max. 16 A in the electrical cabinet. The MCB rating is limited by national installation rules.

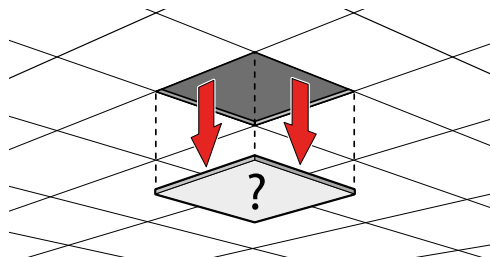
⚠ DALI power – OFF

- \* WAGO WINSTA® mounting plate, 770-625
- \*\* WAGO WINSTA® distribution connector, 770-618



## Installation

Instalatie / Installation / Installation / Installation / Installation / Installasjon / Installazione / Instalacja / Instalácia

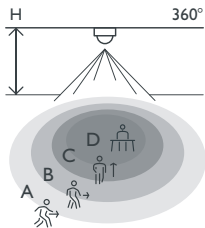


- 1**
- NOT REMOVABLE (fixed ceiling)**
- Drill Ø 76 mm
- 2**
- 9.5 - 40 mm
- OR**
- 0.2 - 9 mm
- 3**
- a**
- b**
- 4**
- ⚠ DALI power – OFF
- a**
- b**
- \* optional



Detection area

Detectiebereik / Portée de détection / Erfassungsbereich / Rækkevidde / Detekteringsområde / Overvåkningsområde / Campo di rilevamento / Obszar wykrywania / Oblast snímania



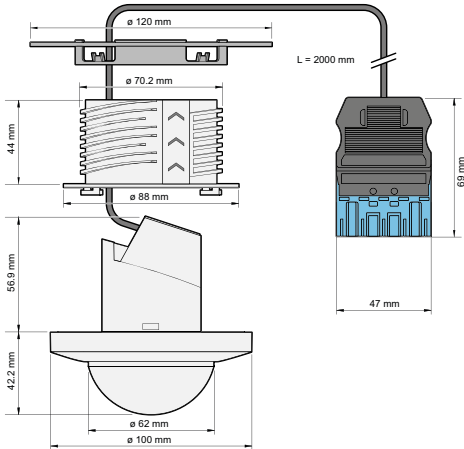
| H     | A<br>Walking | B<br>Across | C<br>Towards | D<br>Presence |
|-------|--------------|-------------|--------------|---------------|
| 2.5 m | ∅ 32 m       | ∅ 28 m      | ∅ 10 m       | ∅ 8 m         |
| 3.0 m | ∅ 37 m       | ∅ 30 m      | ∅ 8 m        | ∅ 5 m         |
| 3.5 m | ∅ 48 m       | ∅ 42 m      | ∅ 8 m        | ∅ 6 m         |

Measured according to EN/IEC63180



Dimensions

Afmetingen / Dimensions / Abmessungen / Dimensioner / Mått / Dimensjoner / Dimensioni / Wymiary / Rozmery



Specifications

Specificaties / Specifications / Spezifikationen / Specifikationer / Specifikationer / Spesifikasjoner / Specifiche / Specyfikacje / Technické údaje

|  |                                 |
|--|---------------------------------|
| Installation                                   | ..... DALI-2                    |
| Configuration                                  | ..... master / standalone       |
| Mounting height                                | ..... 2 – 3.5 m                 |
| Wire capacity                                  | ..... 1.5 / 2.5 mm <sup>2</sup> |
| Input voltage                                  | ..... 230 Vac ± 10 %, 50 Hz     |
| Operating frequency                            | ..... 2.4 GHz                   |
| Maximum power consumption                      | ..... 0.5 W                     |
| Maximum voltage on the DALI bus                | ..... 15 Vdc                    |
| Maximum supply current*                        | ..... 250 mA                    |
| Maximum guaranteed current on the DALI bus     | ..... 100 mA                    |
| Maximum startup time DALI                      | ..... < 1200 ms                 |
| Maximum PIR detection startup time             | ..... 70 s                      |
| Maximum number of control gear on the DALI bus | ..... 64                        |
| Maximum number of dimmable zones               | ..... 3                         |
| Maximum radio frequency power                  | ..... -2 dBm                    |
| Ambient temperature                            | ..... -25 – +40 °C              |
| Protection degree                              | ..... IP20                      |
| Impact resistance                              | ..... IK04                      |
| Halogen free                                   | ..... yes                       |
| Marking  | ..... CE                        |
| Cable specifications                           |                                 |
| Cable colour                                   | ..... black                     |
| Length   | ..... 2 m                       |
| Wire cross-section                             | ..... 1.5 mm <sup>2</sup>       |
| Voltage  | ..... 400 V                     |
| Rated current                                  | ..... 16 A                      |
| Halogen free                                   | ..... yes                       |
| Ambient temperature                            | ..... -5 – +40 °C               |
| Type of connector                              | ..... male, 5-pole, blue        |

\* It is not permitted to connect additional DALI power supplies to the DALI bus of the DALI-2 master detectors.

App settings & more info

App-instellingen / Réglages de l'appli / App-Einstellungen / App indstillinger / Appställningar / App-innstillinger / Impostazioni dell'app / Ustawienia aplikacji / Nastavenia aplikácie

 **DALI power – ON**



 Bluetooth®










The specific hardware manual for this product is available in multiple languages on [guide.niko.eu](http://guide.niko.eu)

LED behaviour

Ledgedrag / Comportement des LED / LED-Verhalten / LED funktioner / LED-funktioner / LED-funksjon / Comportamento del LED / Zachowanie LED / LED signalizácia

 **DALI power – ON**

|                         |  |                            |  |
|-------------------------|--|----------------------------|--|
| Green LED continuous on |   | Connection OK              |  |
| Green LED breathing     |   | Connection OK, overrule ON |  |
| Green LED flashing      |   | Warming up*                | Wait   |
| Red LED continuous on   |   | Error                      | <b>More info**:</b><br><br>detector tool |
| Red LED flashing        |   | Warning                    |  |
| Blue LED flashing       |  | Walk test active           |  |

\* When Bluetooth® communication is disabled, the green LED does not flash while warming up.  
\*\* More info / Meer informatie / Plus d'info / Mehr Info / Mere info / Mer information / Mer info / Ulteriore info / Więcej informacji / Viac informácií

Support & contact

nv Niko sa  
Industriepark West 40  
9100 Sint-Niklaas, Belgium

[www.niko.eu](http://www.niko.eu)

|    |   |  |
|----|---|--|
| EN | +32 3 778 90 80   | support@niko.eu  |
| NL | België: +32 3 778 90 80<br>Nederland: +31 880 15 96 10  | support.be@niko.eu<br>support.nl@niko.eu   |
| FR | Belgique: +32 3 778 90 80<br>France: +33 820 20 66 25<br>Suisse: +41 44 878 22 22                                   | support.be@niko.eu<br>support.fr@niko.eu<br>support.ch@niko.eu                       |
| DE | Deutschland: +49 7623 96697-0<br>Schweiz: +41 44 878 22 22<br>Österreich: +43 1 7965514<br>Belgien: +32 3 778 90 80 | support.de@niko.eu<br>support.ch@niko.eu<br>support.at@niko.eu<br>support.be@niko.eu |
| DK | +45 74 42 47 26   | support.dk@niko.eu   |
| SE | +46 8 410 200 15  | support.se@niko.eu   |
| NO | +47 66 77 57 50   | support.no@niko.eu   |
| IT | +41 44 878 22 22  | support.ch@niko.eu   |
| PL | +48 509 378 373   | support.pl@niko.eu   |
| SK | +421 2 63 825 155   | support.sk@niko.eu   |

Niko prepares its manuals with the greatest care and strives to make them as complete, correct and up to date as possible. Nevertheless, some deficiencies may subsist. Niko cannot be held responsible for this, other than within the legal limits. Please inform us of any deficiencies in the manuals by contacting Niko customer services at [support@niko.eu](mailto:support@niko.eu)