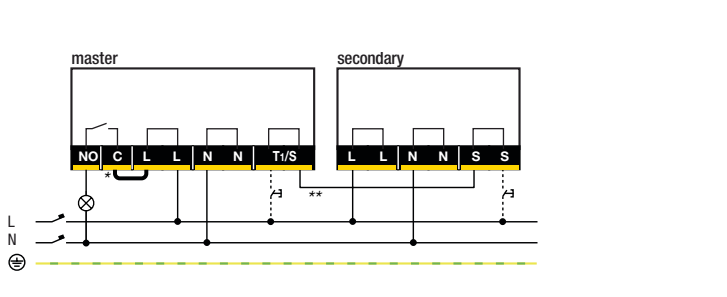


 **230 V – OFF**

353-600121 or **353-700121** acts as master detector in the following configuration:




Compatible secondary detectors (flush mounting box): **353-600021, 353-700021**.
For all compatible articles, see www.niko.eu

* Remove if you want to use the contact as a dry contact (potential-free)


** A wired connection between the master and secondary detector is optional. Choose either the wired connection or communication via Bluetooth®.

DALI detectors

Master – secondary

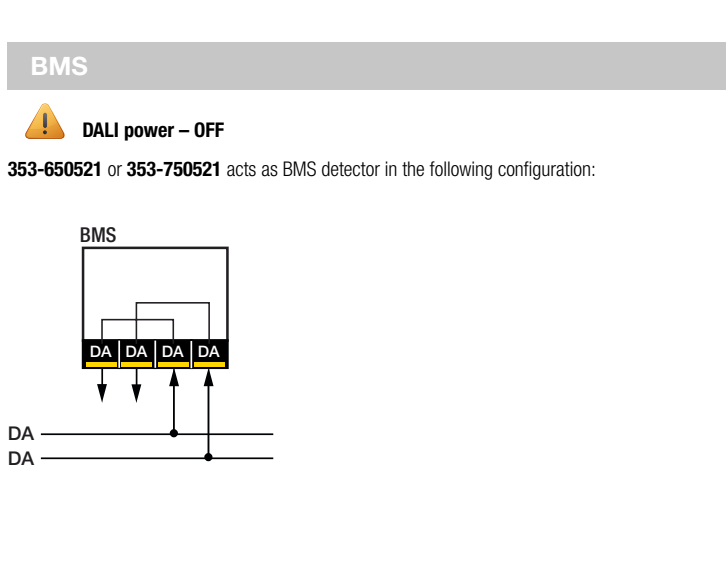
 **230 V – OFF / DALI power – OFF**


353-650321 or **353-750321** acts as master detector in the following configuration:



The diagram illustrates the timing sequence for the master and secondary DALI detectors. The master detector (left) shows a sequence of pulses for DA-, DA+, L, L, N, N, T1, and T1. The secondary detector (right) shows a sequence of pulses for DA-, DA-, DA-, and DA-.

Compatible secondary detectors (flush mounting box): **353-650021, 353-750021**.
For all compatible articles, see www.niko.eu






* A lens cover is optional and only suitable for specific detectors.
Check compatibility in the specifications of the lens cover at www.niko.eu


Wiring

Ansluitschema / Schéma de raccordement / Verdrahtung / Tilslutningsskema / Kopplingsschema / 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.*

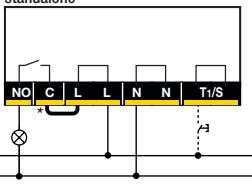
230 V detectors

Standalone

 **230 V – OFF**

353-600111, 353-600121, 353-700111 or 353-700121 acts as standalone detector in the following configuration:

standalone



L
N
⊕

* Remove if you want to use the contact as a dry contact (potential-free)

Specifications

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

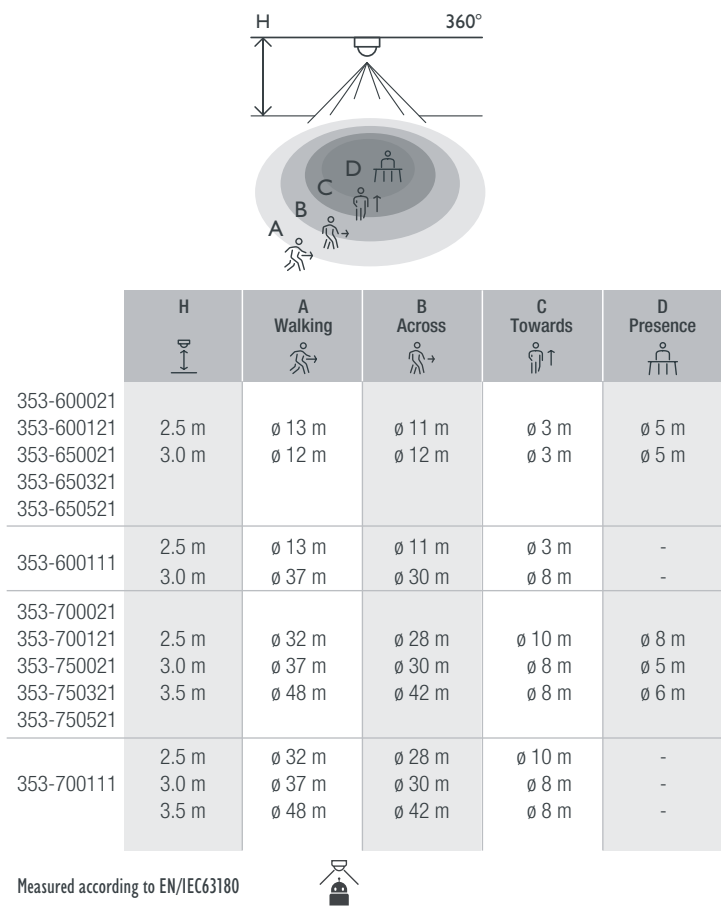
| | | 353-600021 | 353-600111 | 353-600121 | 353-650021 | 353-650321 | 353-650521 | 353-700021 | 353-700111 | 353-700121 | 353-750021 | 353-750321 | 353-750521 |
|--|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | P41 | M42 | P42 | P46 | P47 | P49 | P41 | M42 | P42 | P46 | P47 | P49 |
| Installation | 230 V | x | x | x | | | | x | x | x | | | |
| | DALI-2 | | | | x | x | x | | | | x | x | x |
| Configuration | standalone | | x | | | | | | x | | | | |
| | master / standalone | | | x | | x | | | | x | | x | |
| | secondary | x | | | x | | | x | | | x | | |
| | BMS | | | | x | | x | | | | x | | x |
| Mounting height | 2 – 3.5 m | x | x | x | x | x | x | x | x | x | x | x | x |
| Wire capacity | 1.5 / 2.5 mm² | x | x | x | x | x | x | x | x | x | x | x | x |
| Maximum number of secondary detectors* | 10 | | | x | | | | | | x | | | |
| | 2 | | | | | x | | | | | | x | |
| Input voltage | 230 Vac ± 10 %, 50 Hz | x | x | x | | x | | x | x | x | | x | |
| | via the DALI bus | | | | x | | x | | | | x | | x |
| Operating frequency | 2.4 GHz | x | x | x | x | x | x | x | x | x | x | x | x |
| Maximum power consumption | 0.2 W | x | x | x | | | | x | x | x | | | |
| | 0.5 W | | | | | x | | | | | | x | |
| Maximum voltage on the DALI bus | 15 Vdc | | | | | x | | | | | | x | |
| Maximum supply current** | 250 mA | | | | | x | | | | | | x | |
| Maximum guaranteed current on DALI bus | 100 mA | | | | | x | | | | | | x | |
| Maximum startup time DALI | < 1200 ms | | | | x | x | x | | | | x | x | x |
| Maximum PIR detection startup time | 70 s | | | | x | x | x | | | | x | x | x |
| Maximum number of control gear on the DALI bus | 64 | | | | | x | | | | | | x | |
| Maximum number of dimmable zones | 3 | | | | | x | | | | | | x | |
| Maximum current consumption | 10 mA | | | | | | x | | | | | | x |
| | 28.1 mA | | | | x | | | | | | x | | |
| Nominal current consumption (12 V, 25°C) Bluetooth® enabled | 4 mA | | | | | | x | | | | | | x |
| | 8.1 mA | | | | x | | | | | | x | | |
| Nominal current consumption (12 V, 25°C) Bluetooth® disabled | 3 mA | | | | | | x | | | | | | x |
| | 5 mA | | | | x | | | | | | x | | |
| Maximum radio frequency power | -2 dBm | x | x | x | x | x | x | x | x | x | x | x | x |
| Ambient temperature | -25 – +40 °C | x | x | x | x | x | x | x | x | x | x | x | x |
| Protection degree | IP20 | x | x | x | x | x | x | x | x | x | x | x | x |
| Impact resistance | IK02 | x | x | x | x | x | | | | | | | |
| | IK04 | | | | | | | x | x | x | x | x | x |
| Halogen free | yes | x | x | x | x | x | x | x | x | x | x | x | x |
| Marking | CE | x | x | x | x | x | x | x | x | x | x | x | x |

* For DALI-2 master detectors: Be aware of the maximum guaranteed current on the DALI bus.

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

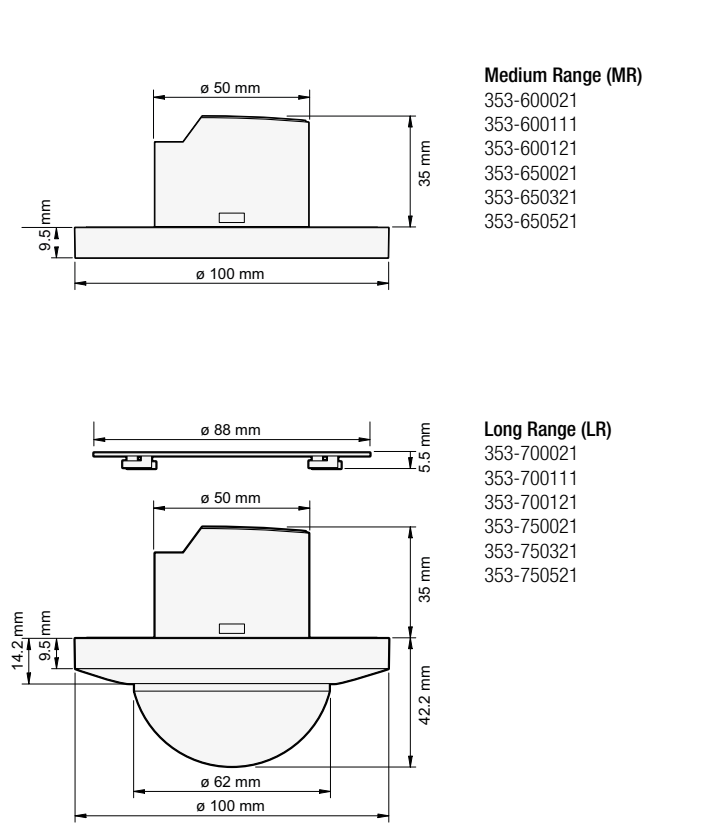
Detection area

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



Dimensions

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



App settings & more info

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

230 V – ON / DALI power – ON

Bluetooth

detector tool









GET IT ON
Google Play

Download on the
App Store

The specific hardware manual for each individual product is available in multiple languages on guide.niko.eu

LED behaviour

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

|  230 V – ON / 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 | <div>More info**:</div> <div></div> <div>detector tool</div> |
| Red LED flashing |  | Warning | |
| Blue LED flashing |  | Movement detected during walk test | |

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

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