

Specifications

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

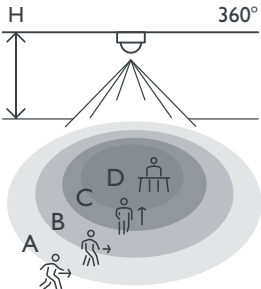
		353-601021	353-601111	353-601121	353-601221	353-651021	353-651321	353-651421	353-651521	353-701021	353-701111	353-701121	353-701221	353-751021	353-751321	353-751421	353-751521
		P41	M42	P42	P42	P46	P47	P48	P49	P41	M42	P42	P42	P46	P47	P48	P49
Installation	230 V	x	x	x	x					x	x	x	x				
	DALI-2					x	x	x	x					x	x	x	x
Configuration	standalone		x								x						
	master / standalone			x	x		x	x				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	x	x	x	x
Wire capacity	1.5 / 2.5 mm²	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Number of channels	1 channel		x	x							x	x					
	2 channels				x								x				
Maximum number of secondary detectors*	10			x	x							x	x				
	5							x								x	
	2						x								x		
Input voltage	230 Vac ± 10 %, 50 Hz	x	x	x	x		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	x	x	x	x
Maximum power consumption	0.2 W	x	x	x	x					x	x	x	x				
	0.5 W						x								x		
	0.6 W							x								x	
Maximum voltage on the DALI bus	15 Vdc						x	x							x	x	
Maximum supply current**	250 mA						x	x							x	x	
Maximum guaranteed current on DALI bus	100 mA						x								x		
	200 mA							x								x	
Maximum startup time DALI	< 1200 ms					x	x	x	x					x	x	x	x
Maximum PIR detection startup time	70 s					x	x	x	x					x	x	x	x
Maximum number of control gear on the DALI bus	64						x	x							x	x	
Maximum number of dimmable zones	3						x								x		
	4							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	x	x	x	x
Ambient temperature	-25 – +40 °C	x	x	x	x	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	x	x	x	x
Impact resistance	IK02	x	x	x	x	x	x	x	x								
	IK04									x	x	x	x	x	x	x	x
Halogen free	yes	x	x	x	x	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	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



	H ↓	A Walking ↓	B Across ↓	C Towards ↓	D Presence ↓
353-601021 353-601121 353-601221 353-651021 353-651321 353-651421 353-651521	2.5 m 3.0 m	∅ 13 m ∅ 12 m	∅ 11 m ∅ 12 m	∅ 3 m ∅ 3 m	∅ 5 m ∅ 5 m
353-601111	2.5 m 3.0 m	∅ 13 m ∅ 12 m	∅ 11 m ∅ 12 m	∅ 3 m ∅ 3 m	- -
353-701021 353-701121 353-701221 353-751021 353-751321 353-751421 353-751521	2.5 m 3.0 m 3.5 m	∅ 32 m ∅ 37 m ∅ 48 m	∅ 28 m ∅ 30 m ∅ 42 m	∅ 10 m ∅ 8 m ∅ 8 m	∅ 8 m ∅ 5 m ∅ 6 m
353-701111	2.5 m 3.0 m 3.5 m	∅ 32 m ∅ 37 m ∅ 48 m	∅ 28 m ∅ 30 m ∅ 42 m	∅ 10 m ∅ 8 m ∅ 8 m	- - -

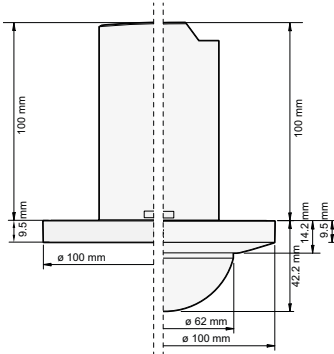
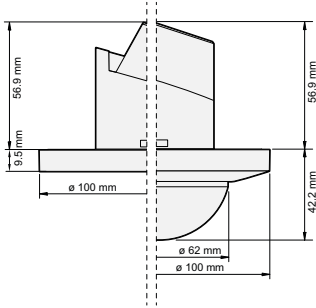
Measured according to EN/IEC63180



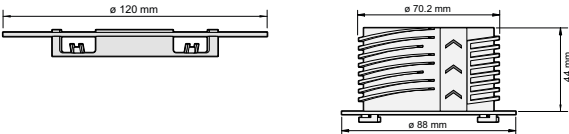
Dimensions

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

Medium Range (MR)	Long Range (LR)	Medium Range (MR)	Long Range (LR)
353-601021 353-601111 353-601121 353-651021 353-651321 353-651521	353-701021 353-701111 353-701121 353-751021 353-751321 353-751521	353-601221 353-651421	353-701221 353-751421



SnapFit parts used for all products



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



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*	
Red LED continuous on		Error	
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 2 632 825 155	support.sk@niko.eu

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