

Presence detector
353-751521-3



- EN** Presence detector P49LR, DALI-2, BMS, 32-37 m, 360°, for flush mounting (SnapFit), Wieland gesis® 2 m Cca cable with 5-pol. connector
- NL** Aanwezigheidsmelder P49LR, DALI-2, BMS, 32-37 m, 360°, voor inbouw (SnapFit), Wieland gesis® 2 m Cca kabel met 5-polige connector
- FR** Détecteur de présence P49LR, DALI-2, BMS, 32-37 m, 360°, à encastrer (SnapFit), câble Cca Wieland gesis® de 2 m avec connecteur à 5 pôles
- DE** Präsenzmelder P49LR, DALI-2, BMS, 32-37 m, 360°, für Deckeneinbau (SnapFit), Wieland gesis® 2 m Cca Kabel mit 5-poligem Stecker
- DK** Tilstedeværelsessensor P49LR, DALI-2, BMS, 32-37 m, 360°, planforsænket (SnapFit), Wieland gesis® 2 m Cca kabel med 5-pol stik
- SE** Närvarosensor P49LR, DALI-2, BMS, 32-37 m, 360°, för infälld montering (SnapFit), Wieland gesis® 2 m Cca kabel med 5-poliga kontakter
- NO** Tilstedeværelsessensor P49LR, DALI-2, BMS, 32-37 m, 360°, til innfelt montering (SnapFit), Wieland gesis® 2 m Cca kabel med 5-polet kontakt
- IT** Rilevatore di presenza P49LR, DALI-2, BMS, 32-37 m, 360°, per montaggio a incasso (SnapFit), Wieland gesis® Cca cavo da 2 m con connettore a 5 poli
- PL** Czujnik obecności P49LR, DALI-2, BMS, 32-37 m, 360°, do montażu podtynkowego (SnapFit), Cca kabel 2 m ze złączami 5-biegowymi Wieland gesis®
- SK** Detektor prítomnosti P49LR, DALI-2, BMS, 32-37 m, 360°, na zapustenú montáž (SnapFit), Wieland gesis® 2 m Cca kábel s 5-pólovým konektorom

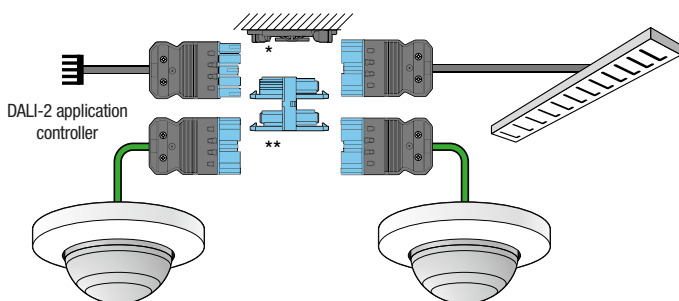
Wiring

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

* Wieland gesis® supporting plate, 07.413.6853.1
** Wieland gesis® H-distributor, 92.050.7453.0



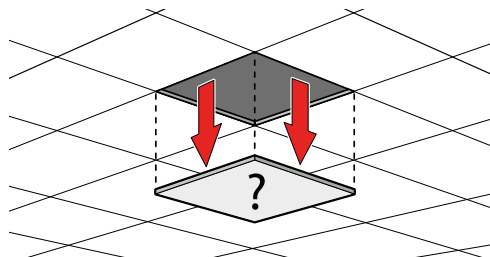
Presence detector P49,
DALI-2, BMS
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Installation

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



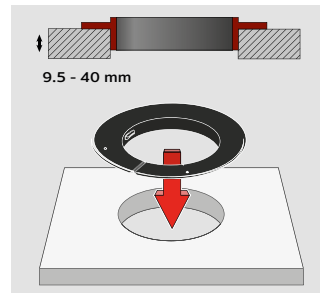
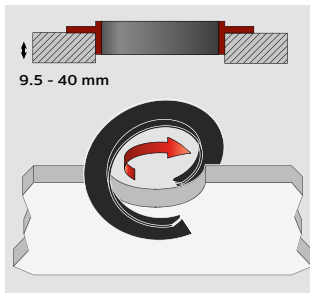
NOT REMOVABLE
(fixed ceiling)

REMOVABLE
(suspended ceiling)

1

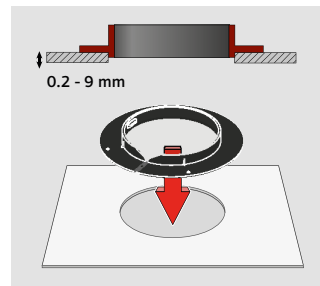
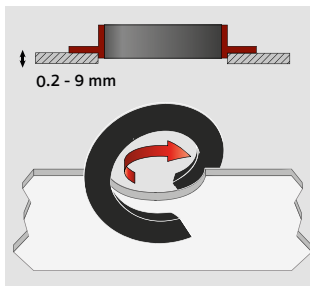


2



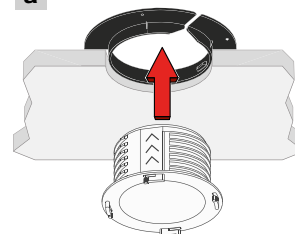
OR

OR

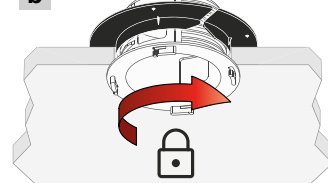


3

a



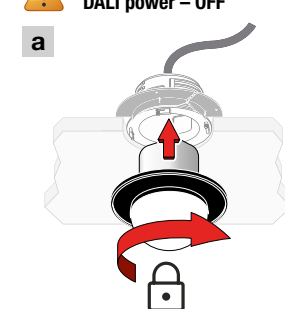
b



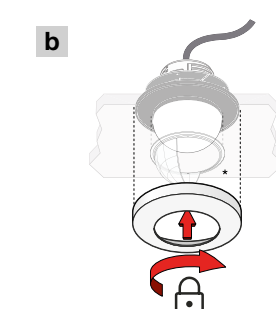
4

a

! DALI power – OFF



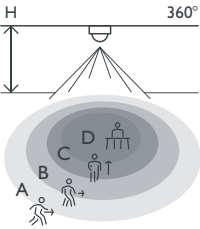
b



* optional

Detection area

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



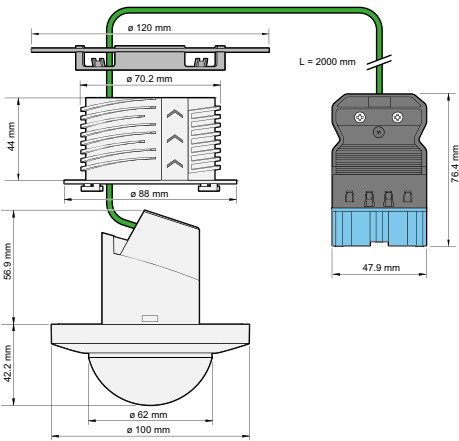
H	A Walking	B Across	C Towards	D Presence
2.5 m	∅ 32 m	∅ 28 m	∅ 10 m	∅ 8 m
3.0 m	∅ 37 m	∅ 30 m	∅ 8 m	∅ 5 m
3.5 m	∅ 48 m	∅ 42 m	∅ 8 m	∅ 6 m

Measured according to EN/IEC63180



Dimensions

Ärmetingen / Dimensions / Abmessungen / Dimensioner / Mått / Dimensionsjoner / Dimensioni / Wymiary / Rozmery



Specifications

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

Installation	.....	DALI-2
Configuration	.....	secondary
Mounting height	.....	2 – 3.5 m
Wire capacity	.....	1.5 / 2.5 mm ²
Input voltage	.....	via the DALI bus
Operating frequency	.....	2.4 GHz
Maximum startup time DALI	.....	< 1200 ms
Maximum PIR detection startup time	.....	70 s
Maximum current consumption	.....	10 mA
Nominal current consumption (12 V, 25 °C) Bluetooth® enabled	.....	4 mA
Nominal current consumption (12 V, 25 °C) Bluetooth® disabled	.....	3 mA
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	.....	green
Length	.....	2 m
Wire cross-section	.....	1.5 mm ²
Voltage	.....	250 V
Rated current	.....	16 A
Halogen free	.....	yes
Ambient temperature	.....	-5 – +70 °C
Type of connector	.....	male, 5-pole, blue
Fireclass, CPR	.....	Cca

App settings & more info

App-instellingen / Réglages de l'appli / App-Einstellungen / App indstillinger / Appnstillinger / 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

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	More info**: 
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

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