

**!** 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. No external power supply needed

## Control

Bedienung / Utilisation / Bedienung / kontrollere / Kontrollera / Bruk / Uso / Użycie Beżné / Ovládanie



## LED behaviour

Ledgedrag / Comportement LED / LED-Verhalten / LED-programmering / LED-funktioner / LED-funksjon / Comportamento dei LED / Tryb pracy diody LED / Správanie LED

LED	LED status	Meaning	Proposed action
status LED	LED OFF	The module has been installed and is functioning correctly.	
		The module has not been connected.	Connect the module.
LED 1 / LED 2	LED continuous ON	<ul style="list-style-type: none"> <li>The system or module is in TEST mode.</li> <li>The TEST button on the connected controller has been pressed.</li> </ul>	Press the TEST button again to leave TEST mode. If the LED doesn't switch off, contact Niko customer services. The module might be defective.
	LED flashing slowly (1x per 2 seconds)	DALI bus error (short circuit or no voltage on the bus)	<ul style="list-style-type: none"> <li>Check the BUS wiring.</li> <li>The system might be overloaded, check if the drivers on this channel are within specification (quantity, type and sum of consumption).</li> <li>If the problem persists, contact Niko customer services.</li> </ul>
	LED flashing rapidly (8x per 2 seconds)	Communication problem	<ul style="list-style-type: none"> <li>Check the module's power supply.</li> <li>Upgrade the software version using the Niko Home Control programming software.</li> <li>The thermal overheating might be active. Switch off the mains and let the module cool down.</li> <li>The module might be defective.</li> <li>Contact Niko customer services.</li> </ul>
LED 1 or LED 2 + status LED	LED pulsing (2x2 per 2 seconds)	Upgrade ongoing	Wait 2 minutes to complete the upgrade. If the LED doesn't switch off, contact Niko Customer service.
	LED on for 30 sec	One of the buttons has been pressed (all DALI devices on that channel are set ON or OFF).	

## Installation

**!** 230 V – OFF

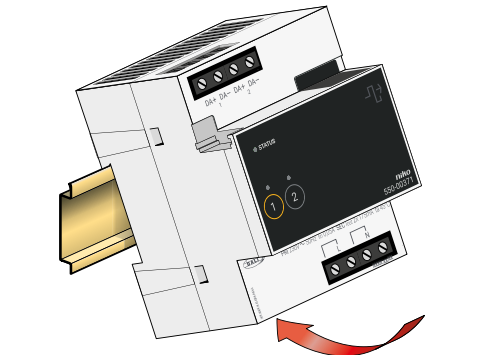
## Online guide

Installatie / Installation / Installation / Installation / Installation / Installasjon  
Installazione / Instalacja / Inštalácia

Online handleiding / Manuel utilisateur en ligne / Online Benutzerhandbuch / Online brugervejledning / Online bruksanvisning / Online brukerhåndbok / Manuale utente online / Podręcznik użytkownika online / Online uživatelská príručka

**!** Consult guide.niko.eu for more information about the installation in multiple languages.

<http://guide.niko.eu>



## EN DALI-2 broadcast module, 2 channels

NL DALI-2 broadcastmodule, 2 kanalen

FR Module de diffusion DALI-2, à 2 canaux

DE DALI-2-Broadcast-Modul, 2 Kanäle

DA DALI-2 gateway broadcast, 2-kanaler

SV DALI-2 gateway broadcast, 2-kanals

NO DALI-2 overføringsmodul, 2 kanaler

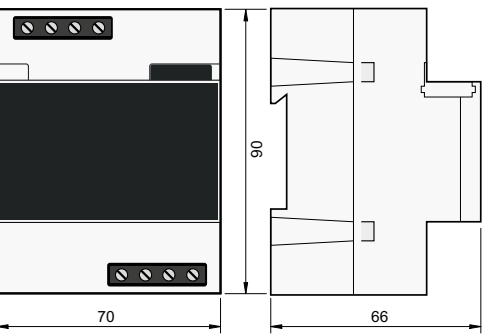
IT Modulo di trasmissione DALI-2, 2 canali

PL Moduł transmisji DALI-2, 2 kanały

SK DALI-2 vysielač modul, 2-kanálový

## Dimensions

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



## Specifications

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

Article number	550-00371
Input voltage	230 Vac ±10 %, 50 Hz
Circuit breaker	maximum MCB rating 16 A*
Wire capacity	3 x 1.5 mm <sup>2</sup> / 2 x 2.5 mm <sup>2</sup> / 1 x 4 mm <sup>2</sup>
Mounting method	DIN rail
Maximum power consumption	11 W
Power consumption (standby)	1.9 W
Power supply	built-in DALI power supply
DALI protocol	EN62386
Supported DALI devices	DALI control gear DT0 to DT7
DALI transmission rate	1200 bit/s
DALI output voltage	12 – 20.5 V
Maximum number of DALI outputs per channel	64
Maximum output current per channel	250 mA
Maximum guaranteed current per channel **	175 mA
Dimming	absolute and relative
Protection	short-circuit, surge voltage, overload
DALI short circuit	retry mechanism
Configuration	Niko Home Control programming software
Control	Niko Home Control II app / Niko Home app
System compatibility	Niko Home Control II
Weight	137 g
Ambient temperature	0 – 45 °C
Dimensions (HxWxD) (mechanism)	90 x 70 x 67 mm (DIN 4U)
Protection degree	IP20
Marking	CE

\* The MCB rating is limited by national installation rules.  
\*\* The sum of the consumption of all DALI drivers per channel should not exceed 80% of this value. This installation rule is essential for correct functioning of your system and is advised by the DALI standard.

## Troubleshooting

Probleemoplossing / Problèmes et solutions / Fehlersuche / Fejlfinding / Felsökning / Feilsøking / Risoluzione dei problemi / Wykrywanie i usuwanie usterek / Odstraňovanie problémov

Problem	Proposed solution
Cannot search for DALI devices	Check if the DALI module has been configured and addressed in the Niko Home Control programming software.
No DALI devices found	Check the wiring of the DALI devices and try searching again.
A single channel has more than 64 DALI devices.	Remove the excess DALI devices. You can only connect 64 DALI devices per channel.
DALI device has a duplicate address. The DALI device has been used in another Niko Home Control installation.	Follow the instructions in the Niko Home Control programming software.
DALI device is present in the Niko Home Control programming software but not in the installation.	Follow the instructions in the Niko Home Control programming software.
Multiple DALI devices do not turn on simultaneously while being controlled by the same action or routine.	Use the DALI Light Experience Optimiser tool in the Niko Home Control programming software. Prioritising the actions will allow the software to optimise the DALI groups.

## Wiring

**!** 230 V – OFF

## Onboarding

**!** 230 V – ON

Aansluitschema / Schéma de raccordement / Verdrahtung / Tillslutningsskema / Kopplingschema / Ledningstilkopling / Cablaggio / Okablowanie / Schéma zapojenia

Onboarding / Intégration / Onboarding / Onboarding / Onboarding / Onboarding / Onboarding / Wdrożenie / Uvedenie do prevádzky

## Download the Niko Home Control programming software



[www.niko.eu/article/550-99102](http://www.niko.eu/article/550-99102) (Windows)  
[www.niko.eu/article/550-99202](http://www.niko.eu/article/550-99202) (Mac)

Niko Home Control programming software

