

Connected dimmer, base, 3-200 W, 2-wire, 71 x 71 mm, screw fixing, Zigbee®

552-72211



4 year warranty

The connected Zigbee® dimmer contains a dimmer contact to control the lighting. It contains a transmitter and receiver that communicate wirelessly with the wireless smart hub for Niko Home Control (552-00001).

You can use the connected dimmer to replace a conventional switch. It is equipped with an extension terminal so that, in combination with a conventional push button, it can easily replace multiway or intermediate switching. Please note that you cannot add a LED lighting unit to the conventional push button when you use it as an extension to Zigbee® connected devices.

The connected dimmer can switch its own contact.

With the addition of the wireless smart hub for Niko Home Control (552-00001), it is possible to configure additional functionalities with the Niko Home Control programming software. For example, it becomes possible to add it to a scene or all-off function. This device can also be used in a bus wiring installation in combination with the wireless bridge for Niko Home Control (550-00640).

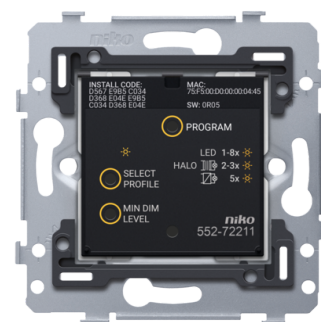
It is possible to disconnect the control from its built-in contact. That way, you have complete flexibility to configure the switching contact and the controls separately via the programming software.

This article is protected by at least one patent (or patent application). For more info on patents, see www.niko.eu/innovation.

Technical data

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- Modification of settings: Niko Home Control programming software (requires smart hub)
- Maximum range (from switch to smart hub): 10 m
- Maximum number per Installation: 50 connected Zigbee® devices
- Compatible with the wireless bridge



- Function: universal flush-mounting dimmer plus with push button control for capacitive, inductive and resistive loads, including dimmable LED lamps. Trailing edge for resistive and capacitive loads. Leading edge for inductive loads
- Commissioning method 1: Niko Home Control programming software
- Hum-free: TRUE
- PLC interference suppression: this dimmer is equipped with interference suppression of PLC signals (frequency dips up to 3 Hz). This integrated interference suppression attempts to remove as many interfering signals as possible from the mains in order for most lamps to function optimally, without flashing or humming
- Overload protection: thermal overload protection. Protection against repetitive overload. Automatic reset function of the protections.
- Short circuit protection: electronic short-circuit protection
- Wireless communication protocol: Zigbee® 3.0
- Protection degree standalone: IP20
- Impact resistance: the combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Flush-mounting frame type:
 - 1 mm-thick metal
 - galvanized on all sides after cutting, even on the cut edges
 - with 4 grooves with screw hole of 7 mm
 - with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
- Material flush-mounting frame: metal
- Required type of flush-mounting box:
 - depth: min. 40 mm (cabling space included)
 - claw/screw fixing: 60 mm
 - inner diameter box: 60 mm
 - multiple boxes centre distance horizontal: 71 mm
 - multiple boxes centre distance vertical: 71 mm
 - multiple boxes centre distance vertical: 60 mm for Belgium and France
- Type of fastening:
 - with screws for simple fixing in a flush-mounting box with grip surfaces
- Centre-to-centre distance:
 - horizontal coupling and vertical coupling with centre-to-centre distance 71 mm
 - horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side
 - extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base
- Input voltage: 230 Vac
- Maximum MCB rating: 16 A (limited by national installation rules)
- Terminals wire capacity: 1 x 2.5 mm²
- Maximum ambient temperature: 35 °C
- Dimensions (HxWxD): 73 mm x 73 mm x 40.5 mm
- Certification marks: Zigbee Certified Product

Dimensions

