Connected dimmer, base, 3 – 200 W, 2-wire, 71 x 71 mm, claw fixing, Zigbee®
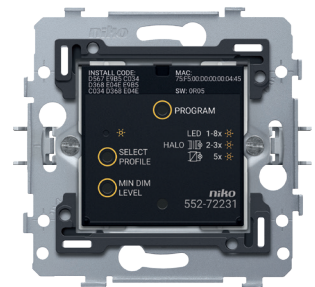
552-72231

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. 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.

Technical data

Connected dimmer, base, 3 – 200 W, 2-wire, 71 x 71 mm, claw fixing, Zigbee®.
- 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. Reverse phase control for resistive and capacitive loads. Phase control for inductive loads.
- Maximum load ferromagnetic transformer: 200 VA
- Hum-free: yes
- 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.
- Protection from overload: thermal overload protection. Protection against repetitive overload. Automatic reset function of the protections.
- Short circuit proof: electronic short-circuit protection
- Communication protocol: Zigbee® 3.0
- Maximum radio frequency power: 10 dBm
- Operating frequency: 2.4 GHz
- System compatibility: talks with Homey (Zigbee®)
- Flush-mounting frame
    - 1 mm-thick metal
    - galvanized on all sides after cutting, even on the cut edges
    - with 4 grooves with screw hole of 7 mm

niko

- with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
- 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
- Fixing method
    - simple mounting in a flush-mounting box with grip surfaces
    - with claws that rotate open using screws with a combination screwhead (Pz2 or slot 1 x 5.5 mm), for mounting in a flush-mounting box with grip surfaces
    - engagement depth of claws: 23.5 mm
    - claws turn back completely when loosened
- Wire capacity
    - 1 x 2.5 mm^2 per connection terminal
- 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 ± 10 %, 50 Hz
- Maximum MCB rating: 16 A (limited by national installation rules)
- Ambient temperature: 0 – +35 °C
- Protection degree: IP20
- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Dimensions (HxWxD): 73 x 73 x 40.5 mm
- Certification marks: Zigbee Certified Product
- Marking: CE

Dimensions

niko