

Smart universal push-button dimmer with RF transmitter and receiver, 3 – 200 W, 2-wire, with claw fixing

410-00400

4 year warranty

The smart dimmer is suitable for dimming resistive, inductive and capacitive loads as well as dimming dimmable halogen and LED lamps. It has a transmitter and receiver operating according to the Easywave protocol.

If desired, extra controls can be added. These could be both wired push buttons and wireless controls according to the Easywave protocol.

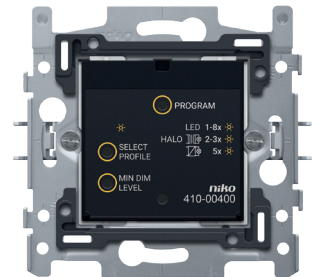
The smart dimmer is connected with a 2-wire system and does not need a neutral conductor. By doing so, it can effortlessly replace an existing single, multiway, or intermediate switching.

It is highly suitable for the expansion of existing electrical installations where drilling or channelling work is not permitted or to avoid complicated cabling.

The smart dimmer can not only dim its own load but can also control other dim receivers which operate according to the Easywave protocol. It can also be incorporated in a mood setting which can be activated via a wireless control.

The dimmer has a feedback LED of which the operation can be set.

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



Technical data

Smart universal push-button dimmer with RF transmitter and receiver, 3 – 200 W, 2-wire, with claw fixing.

- Not compatible with the wireless bridge, nor with the wireless smart hub
- Function: – switch
 - block-shaped silver contacts (cadmium-free) in the form of a cross
- Minimum load: 3 W
- 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.
- Capacity reduction: at an ambient temperature above 35°C the maximum load will decrease by 5 % per 5 °C
- Communication protocol: Easywave
- Maximum radio frequency power: 5 dBm
- Operating frequency: 0.8683 GHz
- Flush-mounting frame
 - 1 mm-thick metal
 - galvanized on all sides after cutting, even on the cut edges

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- 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
- Fixing method
 - with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces
 - depth of engagement of claws: 31 mm
 - claws turn back completely when loosened
- Wire connection
 - the sockets are equipped with screw terminals for clamping the wires.
- Wire capacity
 - 2 x 2.5 mm² per connection terminal
- Input voltage: 230 Vac \pm 10 %, 50 Hz
- Maximum MCB rating: 16 A (limited by national installation rules)
- Dimensions (HxWxD): 70 x 70 x 42 mm
- Marking: CE



Wiring diagram

