

# Base for rotary button extension for universal rotary dimmer with PLC interference suppression, 3 wire

310-02000

4 year warranty

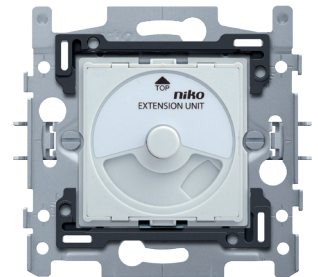
Base for a rotary button extension for the universal rotary dimmer with powerline communication interference suppression. A finishing set XXX-31003 and faceplate in the colour of your choice must be ordered separately.

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

## Technical data

Base for rotary button extension for universal rotary dimmer with PLC interference suppression, 3 wire.

- Function: Rotary button extension for a universal rotary dimmer. This mechanism makes it possible to dim one lighting circuit from various locations with a rotary button. Up to a maximum of five extensions can be linked to one dimmer. Activate by pressing on the button and adjust by rotating the knob.
- 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.
- 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
  - 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 mm<sup>2</sup> per connection terminal
- Centre-to-centre distance
  - Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame
  - vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically
  - vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is



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guaranteed.

- horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides
- extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base
- End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.
- Input voltage: 230 Vac  $\pm$  10 %, 50 Hz
- Maximum MCB rating: 16 A (limited by national installation rules)
- Connection terminals: 4 connection terminals
- Ambient temperature: -5 – +40 °C
- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate
- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Dimensions (HxWxD): 71 x 73 mm
- Marking: CE

