Socket for fourfold, potential-free push button, 24 V N.O., screw fixing

170-40051

4 year warranty

Mechanism for fourfold potential-free push button, 24 V N.O. with screw fixing. A finishing set in the colour of your choice must be ordered separately.
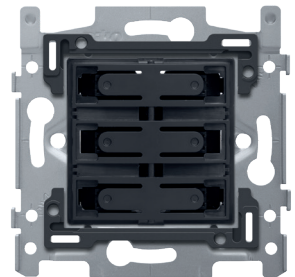This article is protected by at least one patent (application). For more info on patents, see www.niko.eu/innovation.

Faster and easier installation:
• all connections terminals are located at the top of the base:
  – to ensure all wires can be cut and stripped at the same length
  – to guarantee more space under the mechanism, so you can easily fold the wires and place the mechanism in the flush-mounting box without the wiring pushing it back up.
Niko quality:
• metal base is held firmly in place, even on uneven walls, doesn't break and is not subject to stress cracking (small ruptures)

Technical data

Socket for fourfold, potential-free push button, 24 V N.O., screw fixing.

• Number of control buttons: The base of the fourfold potential-free push button is made of polycarbonate. In addition to the 4 control buttons (upper left and right and lower left and right), the mechanism is equipped in the middle on the front with snap hooks which hold the two keys and a finishing plate (with or without text field) in place.

• 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
• Connector block: On its backside, the mechanism is equipped with one connector block for the connection of the potential-free push button.
• 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 screws for simple fixing in a flush-mounting box with grip surfaces
• 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

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- 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 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.
- Wire connection
  - each connector block is equipped with cage clamps with permanent screws with a slotted screwhead (slot 0.6 x 3.5 mm)
  - every screw is provided with a screwdriver slot that prevents the screwdriver from sliding off the screwhead.
- Wire capacity
  - the connection terminals have a terminal capacity of min. 0.5 mm and max. 0.8 mm.
- Ambient temperature: -5 – +40 °C
- Dimensions (HxWxD): 71 x 73 mm
- Marking: CE

◎ 24 V   C E

Wiring diagram

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