

Base for single-pole switch or single-pole control switch, 10 AX/250 Vac, screw terminals

170-01101

4 year warranty

Mechanism for a single-pole switch or single-pole control switch, with screw fixing. With a single-pole switch, you can switch a lamp or several lamps connected in parallel on and off. A finishing set and faceplate in the colour of your choice must be ordered separately.

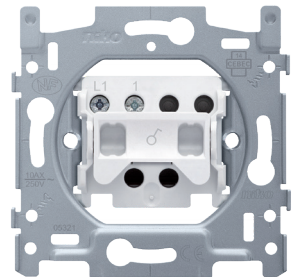
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Faster and easier installation:

- 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)

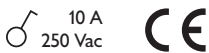


Technical data

Base for single-pole switch or single-pole control switch, 10 AX/250 Vac, screw terminals.

- Function: – switch
 - block-shaped silver contacts (cadmium-free) in the form of a cross
- Number of control buttons: 1 control button
- Maximum MCB rating: 16 A (limited by national installation rules)
- 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
- SBL load: 100 W
- Material base
 - ureumformaldehyde (UF) with high heat resistance
 - white RAL9010 (approximately)
- 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
- 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
 - 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
 - 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: 4 rectangular openings (7 x 2.5 mm) which, if the flush-mounting box protrudes from the plasterwork, can compensate for a margin of between 1 and 1.2 mm, so that the faceplate can still butt up perfectly against the wall
- Wire connection
 - the sockets are fitted with cage clamps with permanent screws with combination screwheads (Pz1 or slot 1 x 5 mm)
 - every screw is provided with a screwdriver slot that prevents the screwdriver from sliding off the screwhead.
- Wire capacity
 - all connection terminals at the top side of the base
 - up to 2 x 2.5 mm² wire per terminal
- Stripping length
 - 8 mm stripping length
 - indelibly indicated at the rear side: stripping length and wiring diagram
 - indelibly indicated at the front side: terminals and switch symbol
- Lighting element
 - the base is provided with 2 rectangular recesses for a lighting unit
 - left recess (front view): a lighting unit with wires can be clicked in
- Ambient temperature: -5 – +40 °C
- Dimensions (HxWxD): 71 x 73 mm
- Certification marks: CEBEC, NF
- Marking: CE



Wiring diagram

