Base for single-pole control switch with 3 connection terminals, 10 AX/250 Vac, plug-in terminals

170-77105

Mechanism for a single-pole control switch, with 3 connection terminals, with claw fixing. This switch can be equipped with an indicator lamp (available as accessory) which indicates whether the light is switched on or not. A finishing set and faceplate in the colour of your choice must be ordered separately.

Wires that remain fixed:
• wire is fixed firmly due to the high-quality plug-in terminal with a long life span, tested according to the norm
• since the conductor release on the mechanisms is located at the front, the wiring cannot push on the release when you place it in the flush-mounting box.

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.
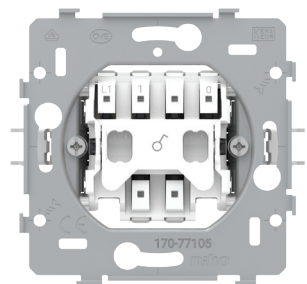
Niko quality:
• long life span since the plug-in terminal stays within the limits of the norm during a temperature and power drop
• metal base is held firmly in place, even on uneven walls, doesn't break and is not subject to stress cracking (small ruptures)
• firm metal claws with a large engagement depth (31 mm) remain fixed when mounted and can be screwed tightly to ensure that the socket outlets can remain fixed in the wall for a longer time and to avoid the mechanisms should become warped

Technical data

Base for single-pole control switch with 3 connection terminals, 10 AX/250 Vac, plug-in terminals.

• Number of control buttons: 1 push- button + LED

• Maximum MCB rating: 16 A (limited by national installation rules)
• 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

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- 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 (Pz1 or slot 1 x 5 mm), for mounting in a flush-mounting box with grip surfaces
    - engagement depth of claws: 31 mm
    - claws can be pushed back into their original position
    - claws can be easily pushed out using a screwdriver
- 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
- 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
    - contact buses fitted with plug-in terminals for clamping the wires
- Stripping length
    - 12 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): 73 x 73 mm
- Certification marks: CEBEC, SEMKO, VDE, DEMKO, NF, KEMA, ÖVE
- Marking: CE

10 A
250 Vac   CE

Wiring diagram

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