

# Base for roll-down shutter push button, electrically separated, 10 A/250 Vac, plug-in terminals

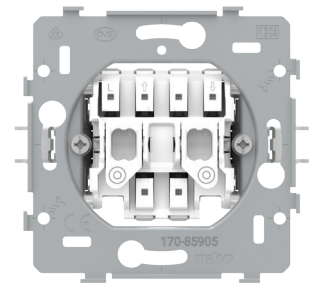
170-85905

4 year warranty

Mechanism for a push button to control your roller blinds, with claw fixing. This roller blind push button is electrically separated. A finishing set and faceplate in the colour of your choice must be ordered separately.

This push button is used for controlling the motors of roll-down shutters, garage ports, venetian blinds and awnings. Press the push button to activate the selected rotary direction. Upon releasing the push button, the motor will stop running (monostable). Keep pressing the push button until you have reached the position of your choice. The motor control switch (170-0590X), on the other hand, does not require you to wait until the end-run position has been reached.

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).



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

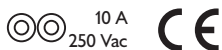
## Technical data

Base for roll-down shutter push button, electrically separated, 10 A/250 Vac, plug-in terminals.

- Function: – push button
  - block-shaped silver contacts (cadmium-free) in the form of a cross
- Number of control buttons: 2 control buttons
- Maximum MCB rating: 16 A (limited by national installation rules)
- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate

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- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact resistance of IK06
- 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
- 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
- Wire capacity
  - all connection terminals at the top side of the base
  - up to 2 x 2.5 mm<sup>2</sup> 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
- Ambient temperature: -5 – +40 °C
- Dimensions (HxWxD): 73 x 73 mm
- Certification marks: CEBEC, SEMKO, VDE, DEMKO, NF, KEMA, ÖVE
- Marking: CE



### Wiring diagram

