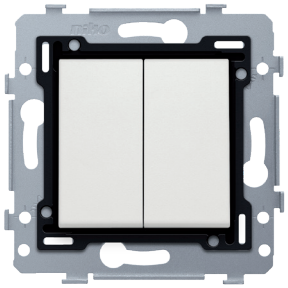
Double switch, 71 x 71 mm with plug-in terminals, base and finishing set white

101-81515

4 year warranty



Double switch, 71 x 71 mm with plug-in terminals, base and finishing set. Finishing colour: white
This article is protected by at least one patent (application). For more info on patents, see 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

Double switch, 71 x 71 mm with plug-in terminals, base and finishing set white.

- Protection degree: IP20
- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate
- The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Certification marks: CEBEC, SEMKO, VDE, DEMKO, NF, KEMA, ÖVE
- Marking: CE

Base for a two-circuit switch, 10 AX/250 Vac, plug-in terminals.

- Function: – switch
  – block-shaped silver contacts (cadmium-free) in the form of a cross

- 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
  – 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^2 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 lighting units
  – left and right recess: lighting units with wires can be clicked in
- Ambient temperature: -5 – +40 °C
- Dimensions (HxWxD): 73 x 73 mm
- Certification marks: CEBEC, DEMKO, KEMA, NF, VDE, SEMKO, ÖVE
- Marking: CE

Finishing set for two-circuit switch, two-way switch + N.O. push button, double two-way switch or double N.O. or N.C. push button, white. This central plate is surrounded with a flat edge that is equipped at all 4 corners with a rectangular opening, each containing a multi-positional snap hook. The construction of the central plate ensures 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 flat edge around the central plate also has 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate. After mounting all components (faceplate, finishing set and switch), no metal parts are visible thanks to the flat edge of the central plate.

- Function: The two keys and the intermediate plate (board) form one unit.
- Number of control buttons: 2 control buttons
- Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.
- Colour: white (coloured in mass, approximately NCS S 0502 - Y50R, RAL 9010)
- Dismantling: For dismounting the central plate, the flat edge is equipped with two notches indicated by a screwdriver symbol. The central plate can

easily be dismounted using a slotted screwdriver.

- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Fire safety
  – the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)
  – the plastic parts of the central plate are halogen-free
- Dimensions of finishing with flat edge: 56 x 56 mm (HxW)

Dimensions of visible area of finishing: 45 x 45 mm (HxW)

- Dimensions (HxWxD): 55.8 x 55.8 x 10.5 mm
- Certification marks: CEBEC, SEMKO, VDE, DEMKO, NF, KEMA, ÖVE
- Marking: CE

10 A
250 Vac

Wiring diagram

