

# Connected switching socket outlet for Niko Home Control with pin earthing and shutters, Zigbee®, 16 A, plug-in terminals

**170-33505**

**4** year warranty

You install this connected switching socket outlet with claw fixing in the same way as a conventional socket outlet. This makes the product extremely suitable for renovation. You can switch the socket outlet on and off locally with the button on the finishing set. To make smartphone control possible inside or outside the home (e.g. in an all-off function) and monitor your energy consumption, you can wirelessly connect the socket outlet to the separately available wireless smart hub for Niko Home Control (552-00001).



- One-on-one exchangeable with the classic socket without rewiring
- True 16 A and CEBEC and NF certified, keeps existing circuit breaker
- Switching and measuring in Niko Home Control eco system
- Up to 3 consumption levels can be set to trigger other Niko Home Control actions or notifications
- Local control button with feedback LED
- Compatible with all Niko mechanisms and finishings
- Screwless central cover plate for faster installation

## Technical data

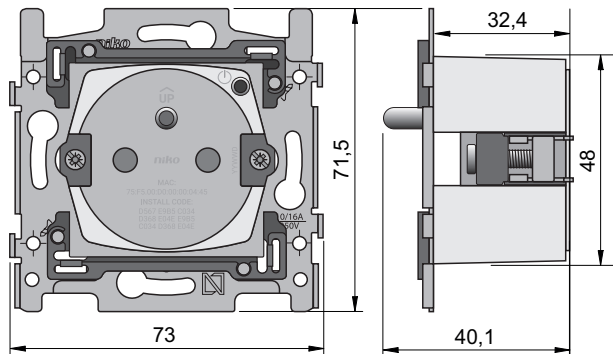
Connected switching socket outlet for Niko Home Control with pin earthing and shutters, Zigbee®, 16 A, plug-in terminals. The sockets are equipped with plug-in terminals for clamping the wires. The socket outlet has a solid brass nickel-plated earth pin (pin earthing). All connection terminals are located at the top of the end socket and can contain up to 2 x 2.5 mm<sup>2</sup> of wire. The stripping length (10 – 12 mm) of the wires, the terminals and the switching symbol are indelibly indicated near the terminals. When mounting the socket outlet in a flush-mounting box with grip surfaces, use claws that can be rotated open using screws with a combination screwhead (Pz2 or slot 1 x 5.5 mm). The claws, which have an engagement depth of 23.5 mm, turn back completely when loosened. The flush-mounting frame is made from 1 mm-thick metal which is galvanized on all sides after cutting, even on the cut edges. On the horizontal and vertical axes, the flush-mounting frame has 4 grooves for screw mounting in flush-mounting boxes. These grooves have a screw aperture of 7 mm. For mounting on panels, the flush-mounting frame is equipped with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm. The middle of the flush-mounting frame is indicated (chalk line, laser, ..) in both the horizontal and vertical directions, so that mounting one or more mechanisms can be carried out quickly and easily. At the right and left sides, the flush-mounting frame is equipped with folded-up dovetails, allowing for a quick and perfect horizontal coupling of several switches. The folded-up edges on the outside of the base and their continuation to the inside ensure additional robustness. The bases can be coupled vertically with a centre-to-centre distance of 60 x 71 mm by sliding them into each other. They automatically lock into place. For horizontal coupling of bases with a centre-to-centre distance of 71 mm, the base is equipped with two pre-formed lips at the bottom. By folding these lips down over a length of 1 mm, this rests perfectly on the one below and the centre-to-centre distance of 71 mm is guaranteed. The 4 rectangular openings (7 x 2.5 mm) in the flush-mounting frame can compensate for a margin of 1 to 1.2 mm if the flush-mounting box protrudes beyond the plasterwork. In the case of such a margin, the faceplate can still butt up perfectly against the wall.

- Input voltage: 230 Vac ± 10%, 50 Hz
- Suitable for standard flush-mounting boxes (min. depth: 50 mm)
- Wire capacity: 2 x 2,5 mm<sup>2</sup>
- Standby consumption: 0.15 W
- Maximum load: 16 A / 3680 W
- Internal overcurrent protection: switches off at > 16 A
- Internal overheating protection
- Not suitable for heavy loads that have long and cycling operations above 2300 W such as electric vehicle charging (in mode 1 or 2), electrical heating devices or heavy inductive loads (eg. motors). When controlling these loads the temperature protection mechanism may be activated

- Communication protocol: Zigbee® 3.0, 2.4 GHz
- Maximum frequency power: 10 dBm
- Button on the device to switch the phase (L) on and off locally
- LED indicator for status and error information
- Measuring precision (valid for a normal voltage - 230 Vac). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only:
  - $\pm 0,5$  W (in range 1 - 5 W)
  - $\pm 5$  % (in range 5 - 3680 W)
- System compatibility: Zigbee® 3.0, Niko Home Control II
- Modification of settings: Niko Home app or Niko Home Control programming software
- Maximum number per Niko Home Control installation: 25
- Circuit breaker:
  - 2,5 mm<sup>2</sup> wiring: maximum MCB rating C20
  - 1,5 mm<sup>2</sup> wiring: maximum MCB rating C16
- To be installed in accordance with the applicable regulations
- All plastic components are self-extinguishing (comply with a filament test of 650°C) and are halogen-free.
- Protection degree: The combination of a mechanism, a central plate and a faceplate has a protection degree of IP20-D
- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact resistance of IK02
- Flush mounting depth: 32.4 mm
- Ambient temperature: -5 – +40 °C
- Dimensions (HxWxD): 71.5 x 73 x 37.6 mm
- Weight: 98 g
- Certification marks: CEBEC, NF
- Marking: CE



## Dimensions



## Wiring diagram

