

niko 161-52202 Double Push Button with LEDs and Comfort Sensors



niko 161-52202 Double Push Button with LEDs and Comfort Sensors Owner's Manual

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niko 161-52202 Double Push Button with LEDs and Comfort Sensors



Product Information

Specifications:

- Product Name: Double push button with LEDs and comfort sensors for Niko Home Control
- Color: Black coated
- Model Number: 161-52202
- Warranty: 1 year
- Website: www.niko.eu

Product Usage Instructions

Installation:

1. Ensure power is turned off before installation.
2. Mount the double push button in the desired location using appropriate screws and tools.
3. Connect the necessary wiring following the provided schematic or consult a professional electrician.

Operation:

1. To control connected devices, press the buttons accordingly.
2. The LEDs provide visual feedback on the status of the devices.
3. The comfort sensors enhance user experience by automating certain functions based on environmental conditions.

Maintenance:

1. Regularly clean the surface of the push button with a soft, dry cloth to prevent dust buildup.
2. Avoid using harsh chemicals or abrasive materials that may damage the coating.

FAQ:

- **Q: How can I reset the push button?**

A: To reset the push button, press and hold the buttons for 10 seconds until the LEDs blink rapidly, indicating a successful reset.

- **Q: Can I use this push button outdoors?**

A: It is recommended to use this push button indoors to protect it from weather elements and ensure optimal performance.

Double push button with LEDs and comfort sensors for Niko Home Control, black coated

161-52202

This double push button can be configured to control various actions and routines in a Niko Home Control II installation on bus wiring. It is fitted with programmable LEDs that provide feedback on the action. In addition, the push button can serve as an orientation light when the LEDs are ON.

Thanks to its integrated temperature and humidity sensor, the push button also supports multi-zone climate and

ventilation control, increasing your energy efficiency and comfort.

- Its multi-purpose temperature sensor can be set to control a heating/cooling zone within a Niko Home Control II installation, as a basic thermometer (Niko Home Control programming software version 2.20), or to create certain conditions (e.g. control sunscreens)
- The humidity sensor can also be used within routines (Niko Home Control programming software version 2.20), for example, to perform automatic ventilation control in a bathroom or toilet
- The push button features an easy click-on mechanism for wall-mounted bus wiring controls and is available in all Niko finishing.

Technical data

Double push button with LEDs and comfort sensors for Niko Home Control, black coated.

Function

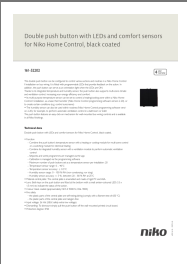
- Combine the push button's temperature sensor with a heating or cooling module for multi-zone control or a switching module for electrical heating
- Combine its integrated humidity sensor with a ventilation module to perform automatic ventilation control
- Setpoints and week programmes are managed via the app
- Calibration is managed via the programming software
- Maximum number of push buttons set as a temperature sensor per installation: 20
- Temperature sensor range: 0 – 40°C
- Temperature sensor accuracy: $\pm 0.5^{\circ}\text{C}$
- Humidity sensor range: 0 – 100 % RH (non-condensing, nor icing)
- Humidity sensor accuracy: $\pm 5\%$, between 20 – 80 % RH at 25°C
- Material central plate: The central plate is enamelled and made of rigid PC and ASA.
- Lens: Both keys on the push button are fitted at the bottom with a small amber-coloured LED (1.5 x 1.5 mm) to indicate the status of the action.
- Colour: black coated (approximately NCS S 9000 N, RAL 9004)

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
- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Dismantling: To dismount simply pull the push button off the wall-mounted printed circuit board.
- **Protection degree:** IP20
- Protection degree: IP40 for the combination of a mechanism and faceplate
- Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.
- Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm
- Marking: CE



Documents / Resources

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References

- [Niko - home automation, switches, socket outlets and detector](#)
- [User Manual](#)

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