

niko PD100-52204 Fourfold Push Button with LEDs and Comfort Sensors



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niko PD100-52204 Fourfold Push Button with LEDs and Comfort Sensors



This fourfold 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 HomeControl 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 finishings.

Specifications

- Product Name: Fourfold Push Button with LEDs and Comfort
- Sensors for Niko Home Control
- Colour: Cream
- Model Number: 100-52204
- Warranty: 1 year
- Website: www.niko.eu

Installation

1. Ensure power is turned off before installation.
2. Mount the push button securely on the wall using the appropriate screws.

3. Connect the necessary wiring according to the provided manual.

Programming

1. Refer to the Niko Home Control system manual for programming instructions.
2. Follow the steps to pair the push button with your Niko Home Control system.

Usage

Press the buttons on the device to control various functions within your Niko Home Control system. The LEDs provide visual feedback, and comfort sensors enhance user experience.

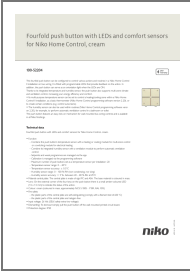
Technical data

Fourfold push button with LEDs and comfort sensors for Niko Home Control, cream.

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 made of rigid PC and ASA. The base material is coloured in mass.
- Lens: On the external corner of the four keys on the push button there is a small amber-coloured LED (1.5 x 1.5 mm) to indicate the status of the action.
- Colour: cream (coloured in mass, approximately NCS S 1005 – Y10R, RAL 1013)
- 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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