



niko 123-52201 Single Push Button With LED And Comfort Sensors User Manual

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niko 123-52201 Single Push Button With LED And Comfort Sensors



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Introduction

123-52201

This single push button can be configured to control a variety of actions and routines in a Niko Home Control II installation on bus wiring. It is fitted with a programmable LED that provides (inverted) feedback on the action that is being performed. In addition, the push button can serve as an orientation light when the LED is ON.

Thanks to its integrated temperature and humidity sensor, the push button also supports multi-zone climate and ventilation control, allowing you to increase your energy efficiency and overall 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) (Niko Home Control programming software version 2.19)
- 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 single push button features an easy click-on mechanism for wall-mounted bus wiring controls and is available in all Niko finishing's.

Technical data

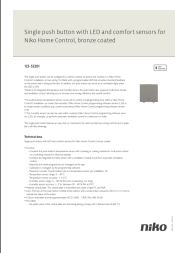
Single push button with LED and comfort sensors for Niko Home Control, bronze coated.

- 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: The key on the push button is fitted at the bottom with a small amber-coloured LED (1.5 x 1.5 mm) to indicate the status of the action.
- Colour: enamelled bronze (approximately NCS S 5005 – Y20R, RAL 080 50 05)
- 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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