



niko 154-52201 Single Push Button with LED And Comfort Sensors User Manual

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Single push button with LED and comfort sensors for
Niko Home Control, white coated
154-52201
4 year warranty

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154-52201 Single Push Button with LED And Comfort Sensors

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 finishings.

Technical data


Single push button with LED and comfort sensors for Niko Home Control, white 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 white (approximately NCS S 1002 – B50G, RAL 000 90 00)
- 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.
- Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.
- Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm
- Marking: CE



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References

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