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niko PD121-52206 Sixfold Push Button featured

# niko PD121-52206 Sixfold Push Button Instructions

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# niko

### niko PD121-52206 Sixfold Push Button

This sixfold 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 programmable LEDs that provide (inverted) feedback on the action that is being performed. 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, 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 or to create certain conditions (e.g. control sunscreens)
- The humidity sensor can also be used within routines. For example, to perform automatic ventilation control in a bathroom or toilet

The sixfold push button features an easy click-on mechanism for wall-mounted bus wiring controls and is available in all Niko finishings.
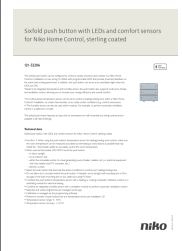
## Technical data

Sixfold push button with LEDs and comfort sensors for Niko Home Control, sterling coated.

- **Function**: When using the push button's temperature sensor for heating/cooling zone control, make sure the room temperature can be measured accurately by eliminating as many factors as possible that may inhibit the thermostat's ability to accurately control the room temperature.
- When used as thermostat, DO NOT mount the push button:
    - in direct sunlight
    - on an exterior wall
    - within the immediate vicinity of a heat generating source (heater, radiator, etc.) or electrical equipment that may radiate heat (TV, computer, etc.).
    - behind a curtain
- Select the push button that best suits the above conditions to control your heating/cooling zone
- Do not allow air to circulate behind the push button. If needed, use an airtight wall-mounting box or fill in any gaps in the flush-mounting box or bus cable duct using PU foam
- Combine the push button's temperature sensor with a heating or cooling modulefor multizone control or a switchting 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: ± 0.5°C
- Humidity sensor range: 0 – 100 % RH (non-condensing, nor icing)
- Humidity sensor accuracy: ±5 %, between 20 – 80 % RH at 25 °C
- Complies with the European standards EN 60669-2-1, EN 63044-3, EN 63044-5-2
- Material central plate: The central plate is enamelled and made of rigid PC and ASA.
- Lens: On the outside corner of the six 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: enamelled sterling (approximately NCS S 4000 – N, RAL 9007)
- 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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## Documents / Resources

**niko PD121-52206 Sixfold Push Button** [pdf] Instructions
PD121-52206, PD121-52206 Sixfold Push Button, Sixfold Push Button, Push Button, Button

## References

- **⬛ Niko - home automation, switches, socket outlets and detector**
- **User Manual**