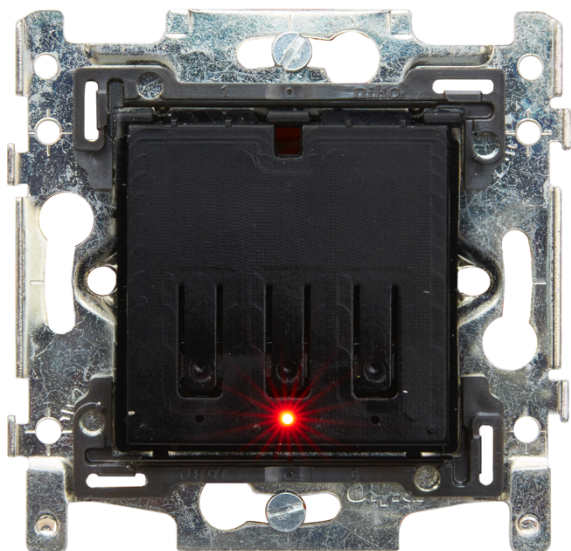
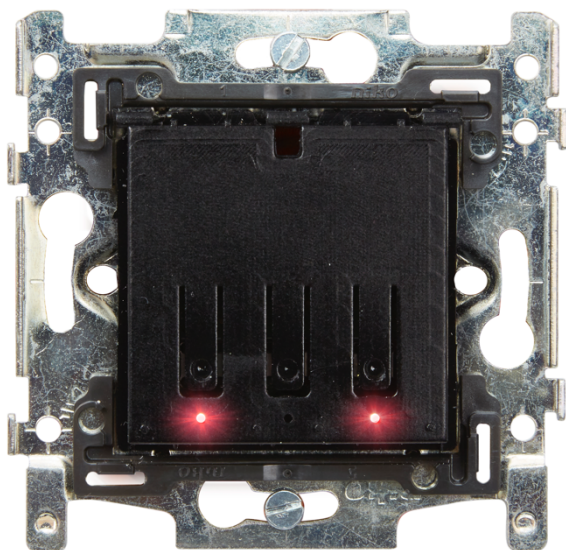


NIKO® switch 1 or 2 push buttons with optional temperature sensor SWC0102/NNB - SWC0102T/NNB



SWC0102 (1 push button configuration)



SWC0102 (2 push button configuration)

1. Product description

This module can be used for mounting with one or two push buttons, each with an RGB LED, and is integrated into a Niko® frame. The SWC0102 comes with a bus connector (no polarity). The bus that is connected to the bus connector supplies the power and control of the SWC0102.

An SWC0102 can have 1 or 2 push buttons. To use the SWC0102 as a single button switch, the finishing set of Niko series XXX-32002 must be used (where XXX is the colour description; 100 = cream, 101 = white, 121 = silver, 122 = anthracite). To use the SWC0102 as a two-key switch, the Niko

series XXX-32004 must be used as the finishing set (where XXX is the colour description - see above).

With one push button it is possible to operate 1 output, 2 scenes (short or long push). The 2 push button version can operate 8 scenes through sequences. When both buttons are pushed simultaneously, a second page with another 2 push buttons appears. 1 SWC0102 can thus operate a total of 4 outputs, 8 scenes or 4 x 16 scenes through the sequencer.

Each switch has a unique serial number which can be used to program it. An output or scene can be attributed to a push button using the Qbus configuration software (System Manager). If the same output name is attributed to several buttons on the same switch, these buttons will work as if they were installed in parallel. If the same output name is attributed to several buttons on different switches, a cross connection is created.

Each LED gives feedback according to the status of the output that has been attributed to this button. When the output is inactive, the LED may light up slightly, or not at all. This can be set in the Qbus configuration software. The colour, brightness and flashing of the LEDs on the second page of the switch can also be set using the software.

The switch can also give interactive feedback about a certain event that occurs. When an alarm is activated, the function of the button and the colour of the LED can be temporarily altered. Examples: the LEDs can flash red and all the push buttons can lock in case of a break-in, flashing LEDs when the doorbell rings, and so on.

2. Safety rules

Read the entire manual before installing the module and activating the system.

NOTE

- The module must be installed, started and maintained by a qualified electrician in accordance with the applicable national legal regulations.
- The module may be used for permanent interior installations in dry locations within box mounts.
- The module must not be installed in box mounts together with 230V modules.
- The module may not be opened. The warranty will expire once the module is opened!

3. Installation and wiring

FITTING NIKO®:

Connect the bus cable to the back of the SWC0102. Mount the switch in a mounting box and secure with the claw attachment.

IMPORTANT: THE BUS MUST NEVER COME INTO CONTACT WITH THE EARTHING OR A LIVE WIRE!

NIKO® switch 1 or 2 push buttons with optional temperature sensor SWC0102/NNB - SWC0102T/NNB

RGB LEDs:

The Qbus Configuration Software (System Manager) allows you to set the colour and the intensity of the LEDs.

2ND PAGE:

Push both buttons for a few seconds. The 2nd page is indicated by flashing LEDs and/or another colour of the LEDs (to be set using the configuration software).

4. Technical data

GENERAL SPECIFICATIONS

- Power supply: bus connection
- Ambient temperature:
Operating temperature: 10°C to 50°C
Storage temp. range: -10°C to 60°C
- Maximum humidity: 93%, no condensation
- Bus load: 8mA at nominal voltage 13.8V.
- Maximum installation height: 2,000 metres.

OUTPUTS

- 1 or 2 push buttons and 1 or 2 RGB LEDs (4 outputs via 2nd page).
- Directly connectable to the 2-wire bus, no polarity.

PHYSICAL SPECIFICATIONS

- Housing: Plastic
- Protection grade: IP20, EN 60529
- Installation: directly on the bus
- Dimensions (HxW): 71mm x 73mm
- Weight: approximately 0.058 kg

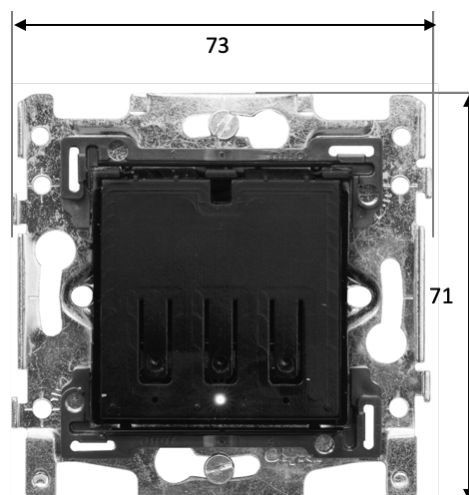
ELECTRICAL SECURITY:

- Bus: 13.8VDC low voltage
- According to EN 60950 – 1:2006

CE

- In accordance with EMC and low voltage regulations. The module complies with HBES – EN50090-2-2 and EN60950 – 1: 2006

5. Dimension diagram



6. Guarantee provisions

Period of guarantee: 2 years from date of delivery. The guarantee does not apply if the module is opened!

Any faulty modules should be sent postage-free with a description of the defect to our customer service:

QBUS N.V.
Joseph Cardijnstraat 19
9420 Erpe-Mere
Belgium

T +32 53 60 72 10
F +32 53 60 72 19
Email: support@qbus.be