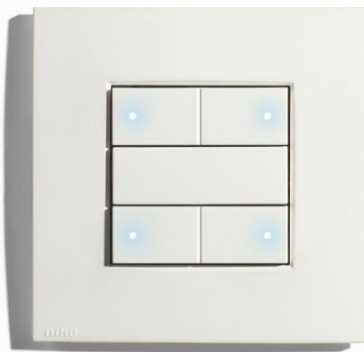


# NIKO® SWITCH SWC04



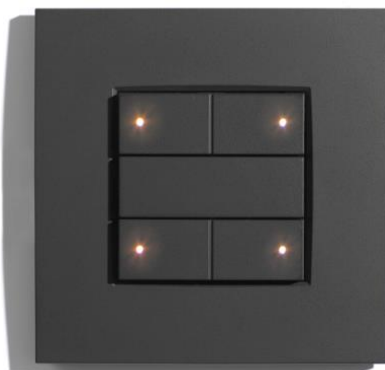
Niko® SWC04/100 CREAM



Niko® SWC04/101 WHITE



Niko® SWC04/121 STERLING



Niko® SWC04/122 ANTHRACITE

## 1. Product Description

This module contains 4 push buttons and 4 RGB LEDs and is integrated into a Niko® built-in frame with claw attachment. A bus connection with connector (no polarity) is provided and supplies the power and control of the module.

At rest the module has 4 push buttons. With one push button it is possible to operate an output, 2 scenes (short or long push) and through sequences up to 16 scenes. When pushing the 2 buttons on the left or the right the second page is available with another 4 pushbuttons. In total 8 outputs, 16 scenes and through the sequencer 8x16 scenes can be operated.

The software allocates an output name or scene to each button. Therefore, each switch has a unique serial number for this programming. This number can be transmitted to the central unit indicating which switch is involved during programming. During installation always make sure the number is located on the upper side. Thus, BUTTON1 will be situated on the upper left-hand side. If the same output name is attributed to several buttons on the same module, these buttons will as it were be located in parallel. By attributing the same output names to several modules a switch connection or cross connection is created.

Each LED gives feedback according to the status of that output. When the output is inactive, the LED may light up slightly; this makes it easier to find the switch in the dark. The colour and the brightness can be set via the software. The colour RGB LEDs produce some 16 million different colours.

The switch can also be used interactive. When receiving external signals (so called alarmcodes) the function of the button as well as the LED can be temporary altered for some or all the buttons. Some examples : flashing LEDs and locking pushbuttons when breaking-in, flashing LEDs when the doorbell rings, etcetera.

## 2. Safety Instructions

Read the complete manual before carrying out the installation and activating the system.



### WARNING

- The device must be mounted and commissioned by an authorised electrician in accordance with the country-specific regulations.
- The device may be used for permanent interior installations in dry locations within box mounts.
- The device must no be installed in box mounts together with 230V devices.

# NIKO® SWITCH SWC04

- The device must not be opened.

- Dimensions (HxW) : 71mm x73mm
- Weight : approx. 0,058kg

## 3. Mounting and wiring

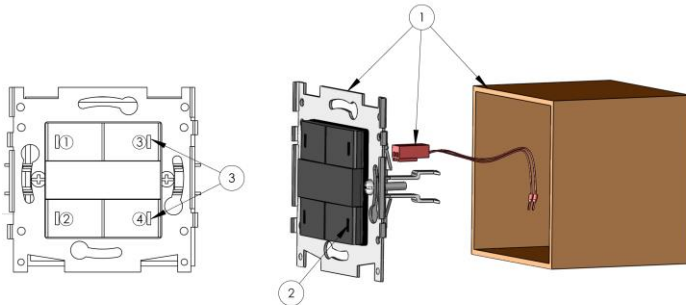


Figure 2 : Connection Niko® switch SWC04.

### FITTING NIKO® ①:

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

#### IMPORTANT :

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

### RGB LEDs ②:

The Serial Manager allows you to set the colour and the intensity of the LEDs.

### 2<sup>nd</sup> PAGE ③:

Push buttons 1-2 or 3-4 during 3 seconds.  
The 2<sup>nd</sup> page is indicated by flashing LEDs.

## 4. Technical Data

### GENERAL SPECIFICATIONS :

- Power supply : bus connection
- Ambient temperature :  
Working temp. range : 10°C to 50°C  
Storage temp. range : -10°C to 60°C
- Maximum humidity : 93%, no moisture condensation
- Bus load : 8mA at nominal 13,8V
- Maximum installation altitude : 2.000m

### OUTPUTS :

- 4 Pushbuttons and 4 RGB LEDs (8 outputs via 2<sup>nd</sup> page).
- Directly connectable to the 2-wire bus, no polarity.

### PHYSICAL SPECIFICATIONS

- Housing : Plastic
- Protection Degree : IP20, EN 60529

### ELECTRICAL SAFETY

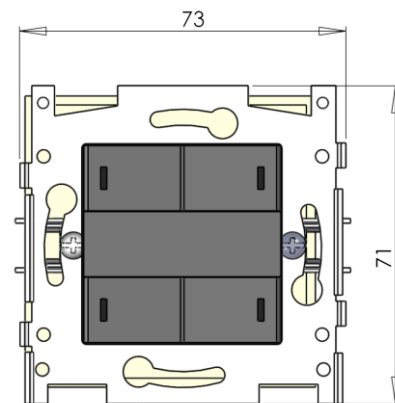
- Bus : 13,8VDC safety extra low voltage (according EN 60950 – 1:2006).

### CE

- Complies with the EMC regulations and low voltage regulations. The device complies with HBES – EN 50090-2-2 and EN 60950 – 1:2006.

## 5. Dimension Diagram

Dimensions in mm.



## 6. Guarantee provisions

Period of guarantee : 2 years from date of delivery.  
Any faulty devices should be send postage-free with a description of the defect to our central customer service office :

### 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