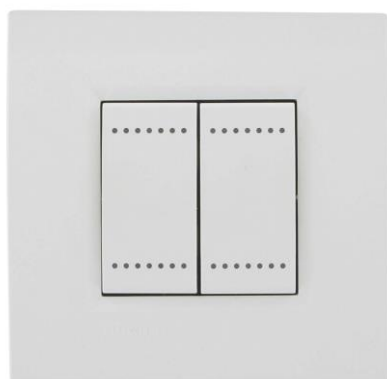


Bticino® 4-toets schakelaar (SWC04/opties)



1 Bticino® SWC04M/L



2 Bticino® SWC04T/N



3 Bticino® SWC04MT/L

1. Product description

The Bticino® SWC04 comes standard in 3 different versions : Light (white)/ Light Tech (Grey)/ Living (Black). All Bticino® SWC04 can be delivered with three different options or a combination of these three.:

Motion detection SWC04M/...

This module contains a motion detector and an integrated light cell. The motion detector has a diameter of only 9mm and is located at pushbutton 1. The range is of approximately 7m at an angle of 110 degrees. The light cell is assembled into the detector. The motion detector is automatically linked to the function of pushbutton 1. The Serial Manager allows you to determine the priority between the detector and another pushbutton used for the same output. The output connected to the detector should always have a TIMER5 Detector mode. The pushbutton itself is a TIMER5 Manual. At the same time you can indicate the level of motion at which Bticino® SWC04M/NT Light-Tech the detector needs to detect together with the light level. It's even possible to neglect the light sensor and only work on the level of motion. More information about how to configure an SWC04M is to be found in the Qbus User Manual.

Thermostat SWC04T/...

With the option "thermostat" an extra digital heat sensor is mounted underneath pushbutton 4. The 4 pushbuttons keep their free function but a thermostat output is now available and can be used to control the temperature in the room.

The thermostat can be regulated by 5 programs : Manual, Anti-freeze, Economy, Comfort and Night. Each program has its own temperature setting and the RGB LED is used to indicate which program is running.

Up to 4 outputs are instantly generated by the Serial Manager and can be used in any relay module :

1. Heating = the ambient temperature is below the selected program, the heating output switches on.
2. Turbo = the ambient temperature is below the selected program with a value higher than a set limit, the turbo output switches on (heating boost).
3. Alarm = the ambient temperature is outside the minimum or maximum temperature limits, the alarm output switches on.
4. Cooling = the ambient temperature is too high, the cooling output switches on.

For the heating and cooling outputs, the hysteresis can be set between 0.5°C and 5°C.

Motion/Thermostat

Combination of Motion Detector and Thermostat

2. Safety instructions



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

ATTENTION

Bticino® 4-toets schakelaar (SWC04/options)

- 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 not be installed in box mounts together with 230V devices.
- The device must not be opened.

- Bus load : 8mA at nominal 13,8V
- Maximum installation altitude : 2.000m

Outputs:

- 2,3 or 4 Pushbuttons and 4 RGB LEDs (7 or 8 outputs via 2nd page – depending on option.)
- Directly connectable to the 2-wire bus, no polarity.
- Status of LEDs to be set using the software.

Physical specifications:

- Housing : Plastic
- Protection Degree : IP20, EN 60529
- Dimensions (HxWxL) : 47mm x 44mm
- Weight : approx. 0,024 kg

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.

3. Installation and wiring

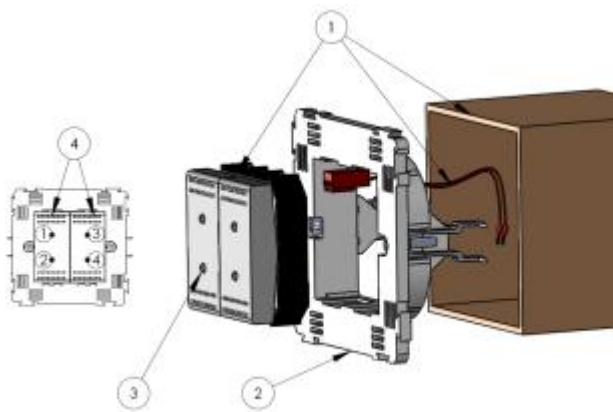


Figure 2 Connection Bticino® switch SWC04

Installation Bticino®:

Snap the switch into a Bticino® built-in frame (1, is not included with delivery!). 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:

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

2nd page:

Push buttons 1-3 or 2-4 during 3 seconds.

The 2nd 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

5. Dimensions diagram

Dimensions in mm.

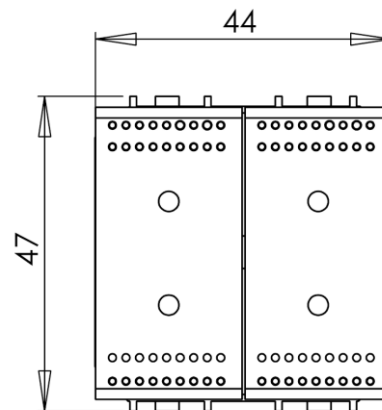


Figure 3 Measurements Bticino® switch SWC04

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6. Guarantee provisions

Guarantee period: 2 years from delivery date. The warranty no longer applies if the module has been opened! The warranty period is extended by 2 years if it was installed by an authorised Qbus installer. In case of defects, Qbus support should be contacted first, after which defective modules can be sent to our service department free of seal:

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