

BTICINO® SWC04/OPTIONS

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.

1. 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



Bticino® SWC04M/N Light

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

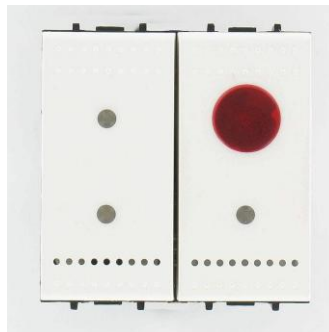
the detector needs to detect together with the light level. It's even possible to neglect the light sensor and only work on the level of motion. More information about how to configure an SWC04M is to be found in the Qbus User Manual.



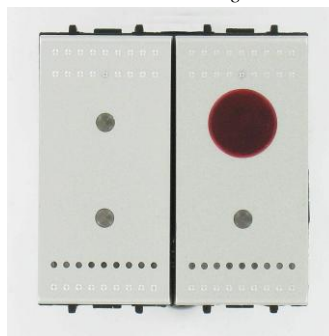
Bticino® SWC04M/L Living

2. Infrared receiver SWC04I/...

The infrared receiver is located in the LED of pushbutton 3 (button 3 remains available without any LED feedback). It can control upto 12 outputs/scenes with an universal infrared remote control. The first 4 infrared codes are always used for the function of the 4 pushbuttons.



Bticino® SWC04I/N Light



Bticino® SWC04I/NT Light-Tech



Bticino® SWC04I/L Living

The other 8 channels can be assigned to any other output. The infrared codes can be sampled / taught with this switch or they can be downloaded from the database. When sampling the codes the colour of the LEDS guide you through the process.

For more information on IR sampling, see the Qbus User Manual.

The possibility to sample IR-codes creates the opportunity to use many different remote controls with the Qbus system.

3. Thermostat SWC04T/...



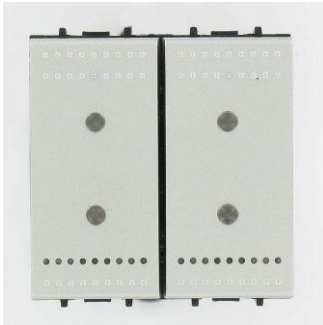
Bticino® SWC04T/N Living

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

BTICINO® SWC04/OPTIONS

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



Bticino® SWC04T/NT Light-Tech

and can be used in any relay module :

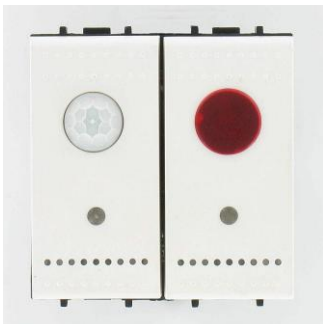
1. Heating = the ambient temperature is below the selected program, the heating output switches on.
2. Turbo = the ambient temperature is below the selected program with a value higher than a set limit, the turbo output switches on (heating boost).
3. Alarm = the ambient temperature is outside the minimum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



Bticino® SWC04T/L Living

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

4. Motion/Infrared or Motion/Thermostat



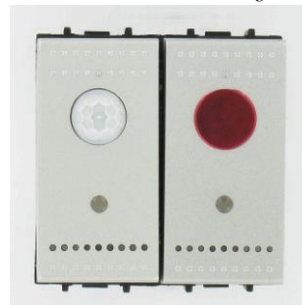
Bticino® SWC04MI/N Light

Combination of Motion Detector and Infrared receiver.



Bticino® SWC04MT/N Light

Combination of Motion Detector and Thermostat.



Bticino® SWC04MI/NT Light-Tech

Combination of Motion Detector and Infrared receiver.



Bticino® SWC04MT/NT Light-Tech

Combination of Motion Detector and Thermostat.



Bticino® SWC04MI/L Living

Combination of Motion Detector and Infrared.



Bticino® SWC04MT/L Living

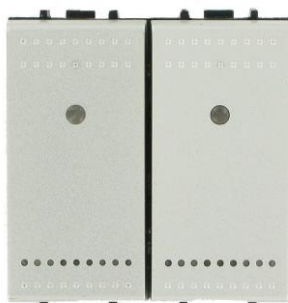
Combination of Motion Detector and Thermostat.

BTICINO® SWC04/OPTIONS

5. Two button SWC04-02 :



Bticino SWC04-02/N



Bticino SWC04-02/NT



Bticino SWC04-02/L

This module contains 2 push buttons and 2 RGB LEDs and is mainly used in places where only 2 pushbuttons are necessary i.e. toilet. When pushing the 2 buttons the second page is available with another 2 pushbuttons. In total 4 outputs, 8 scenes and through the sequencer 4x16 scenes can be operated.

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

7. Mounting and wiring

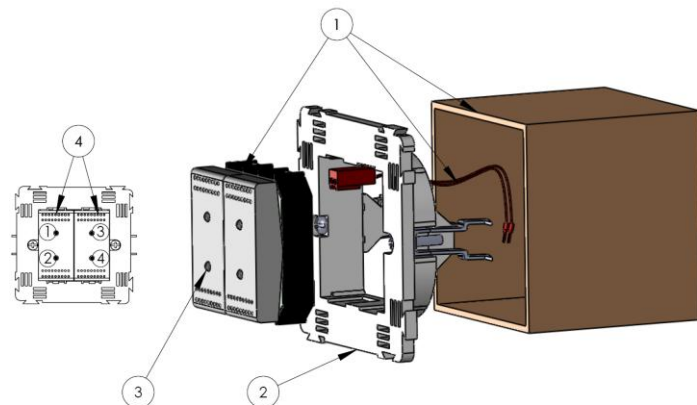


Figure 1 : Connections Bticino® switch SWC04.

FITTING BTICINO® ①:

Snap the switch into a Bticino® built-in frame (②, 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 ③:

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

2ND PAGE ④:

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

8. 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 :

- 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.

BTICINO® SWC04/OPTIONS

PHYSICAL SPECIFICATIONS

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

ELECTRICAL SAFETY

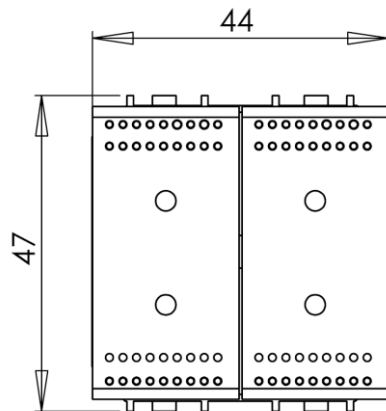
- Bus : 13,8VDC safety extra low voltage (according EN 60950 – 1:2006).

CE

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

9. Dimension Diagram

Dimensions in mm.



10. 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 31
9420 Erpe-Mere
Belgium
T +32 53 60 72 10
F +32 53 60 72 19
Email : support@qbus.be