

CB612B BALANCING WIRING CENTRE WITH WI-FI AP



QUICK GUIDE

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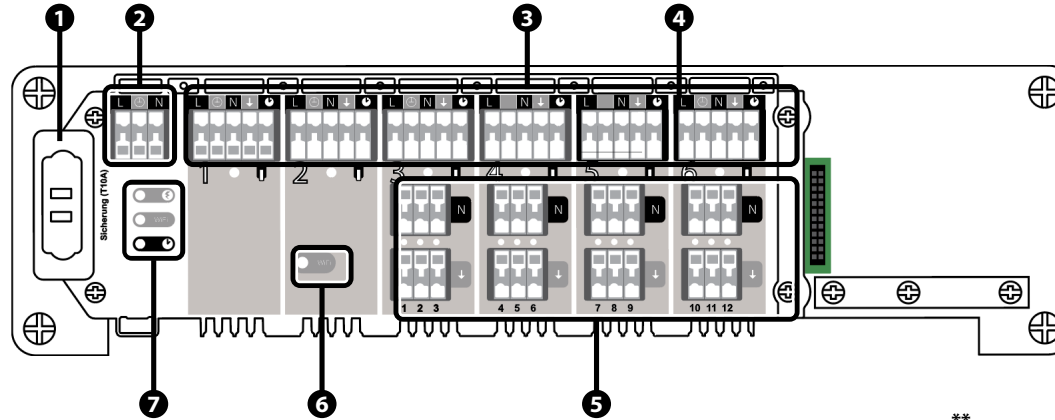
www.saluscontrols.com

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09/2026

- 1 Cartridge fuse 5 x 20 mm 10 A
- 2 Power Supply
- 3 Thermostats connection
- 4 *NSB (Night Set Back reduction) function
- 5 Serial connector
- 6 Wifi & Factory reset button
- 7 *Status LEDs



* 4 NSB (Night Setback) is a control signal from the thermostat that lowers the heating setpoint during predefined periods (typically at night or when the building is unoccupied) to reduce energy consumption. When the NSB terminal is active, the system operates at a reduced temperature instead of the normal comfort setpoint.

- ** 7
- green LED → device is powered (230 V AC)
 - green LED → local WiFi Network active
 - orange LED → NSB function active

Introduction

The CB612B Balancing Wiring Center brings smarter control to multi-zone heating systems. Its intelligent balancing algorithm optimizes heat distribution by limiting how many actuators operate at the same time, improving comfort and system efficiency. Compatible with SPAN and TPI/ITLC thermostats, the CB612B offers both Classical and Balancing modes, helping to protect the system, reduce wear, and ensure reliable long-term performance.

Product Compliance

This product complies with the essential requirements and other relevant provisions of Directives GPSR 2023/988, RED 2025/138, SVHC 251 (REACH) and RoHS 2015/863 and 2017/2102 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council on the restriction of the use of certain hazardous substances in electrical and electronic equipment. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com.
(CP) 2405-2480MHz, <20dBm

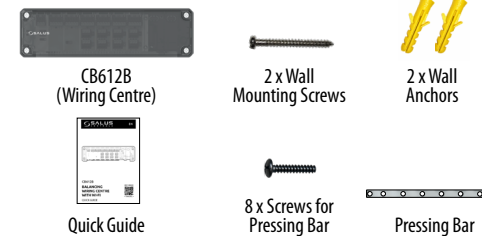
Safety Information

Use in accordance to national and EU regulations. Use the device as intended, keeping it in dry condition. Product for indoor use only. Installation must be carried out by a qualified person in accordance to national and EU regulations.

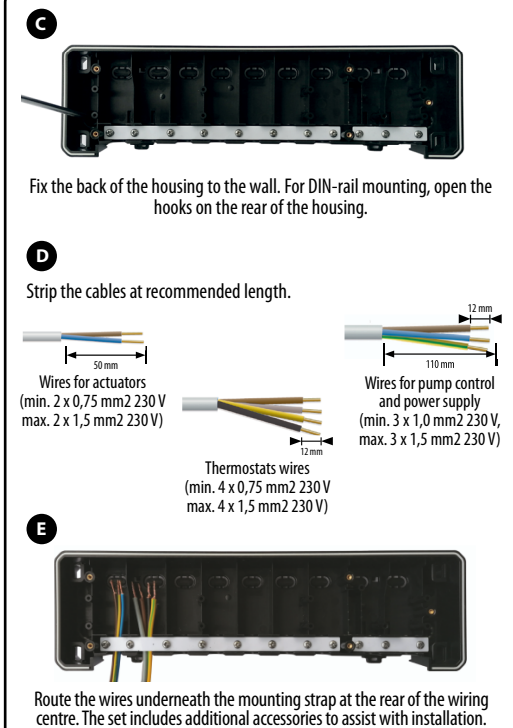
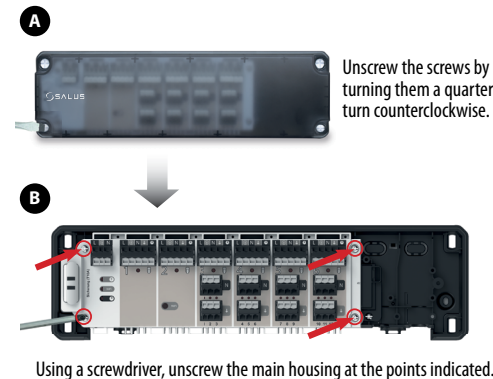
Compatibility

This product is compatible with a wide range of devices, including thermostats, actuators, and the optional PL06 pump logic module, ensuring flexible and reliable system integration.

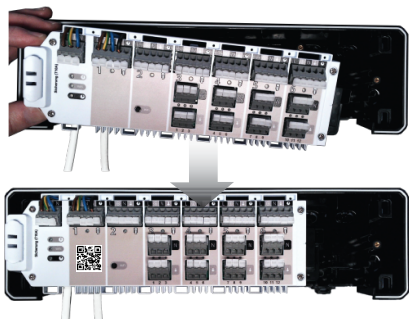
Box Content



Installation



F



Route the wires through the top slots of the wiring centre, then connect them to the appropriate terminals.

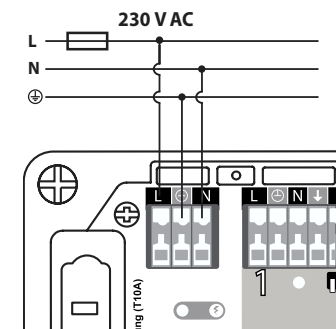
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Ensure both thermostats and the power cable are connected in accordance with the provided electrical installation diagrams.

G.1 Power cable connection

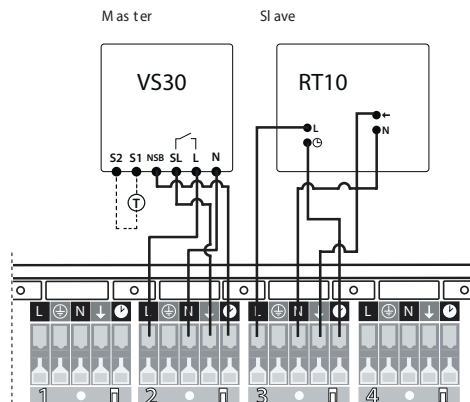
Power supply: 230 V ~ 50Hz.

Three-wire installation in accordance with applicable regulations.

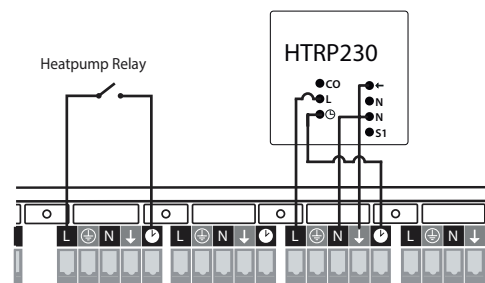


G.2 Power cable connection

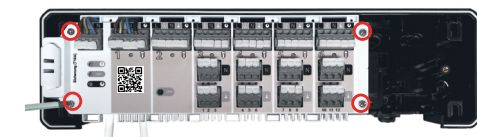
Connection for VS30:



Connection for HTRP230:

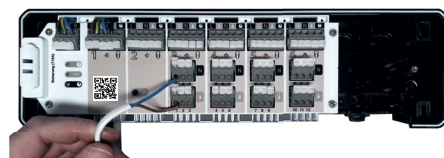


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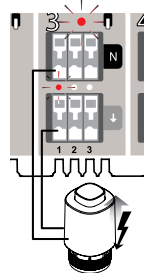


Arrange the wires, then secure the main housing of the wiring centre to the rear housing using the screws provided.

I



Connect the thermoelectric actuators wires as shown.



Secure actuator wires in the correct zone using the self-locking connectors. Up to 12 actuators can be connected.

↓ Active control
N Neutral

J



Green LED active

Check that all wires are securely connected, fit the top cover, and power up the wiring centre. The green Power LED will illuminate.

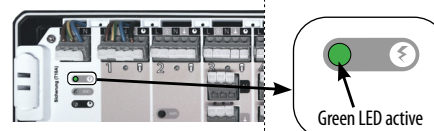
Installation of the additional module

The module extends the functionality of the CB612B wiring centre by controlling the pump via the L / N / E connections. When there is no heat demand, the pump is switched off to reduce energy consumption.

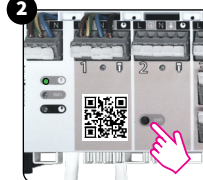
Programming

1

Connect the CB612B to the 230 V power supply. The green LED will illuminate to confirm power is on.

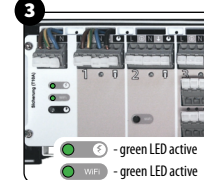


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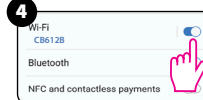
Press the „WiFi“ button until the green LED next to WiFi is solid green.

3



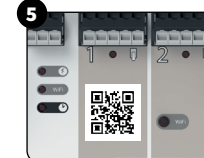
The CB612B is now sending a local WiFi signal (no internet connection)

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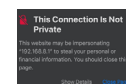


Activate the WiFi function on your smartphone and connect to the **CB612B - WiFi network**. Use the following password: **12345678**.

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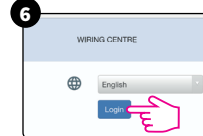
Scan the QR code on the **CB612B** next to the WiFi button or type in the address: **http://192.168.8.1**



IMPORTANT NOTE:

If your browser displays a security warning, **accept the security risk and continue with the installation**.

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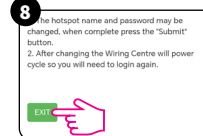


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Select SSID and enter your new password. Then, press Submit.



8



Screens 6, 7, and 8 are displayed when the user connects to Local Mode for the first time or when reconnecting after a factory reset. After submitting the Wi-Fi Hotspot settings, the device will reboot.

Zones configuration and operating mode

The CB612B can operate in two different modes, allowing the system to be adapted to different heating requirements:

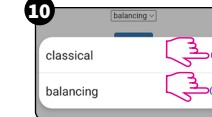
Classical Mode – The wiring centre controls actuators in the traditional way, opening and closing them directly according to thermostat demand.

Balancing Mode – Optimises actuator operation to improve heat distribution across the heating system and support more efficient operation.

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Select the operating mode. Default selected: **Classical**

Then Assign each actuator to the room / zone it needs to control. Correct zone assignment ensures the system responds to the right thermostat and provides accurate room-by-room temperature control.

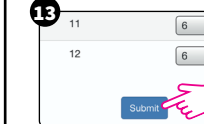
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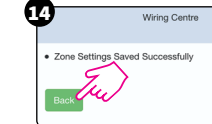
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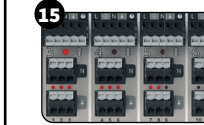
13



14

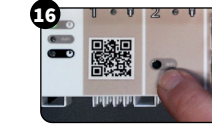


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The active actuators are indicated with the red LED - while heating is on.

16



Close the local network, by pressing and holding the WiFi button until the WiFi LED turns off.

Factory reset

Press and hold the WiFi button for 10 seconds until the WiFi LED flashes rapidly. Release the button within 3 seconds to start the factory reset. The reset takes a few seconds and the WiFi LED will turn off when complete.

