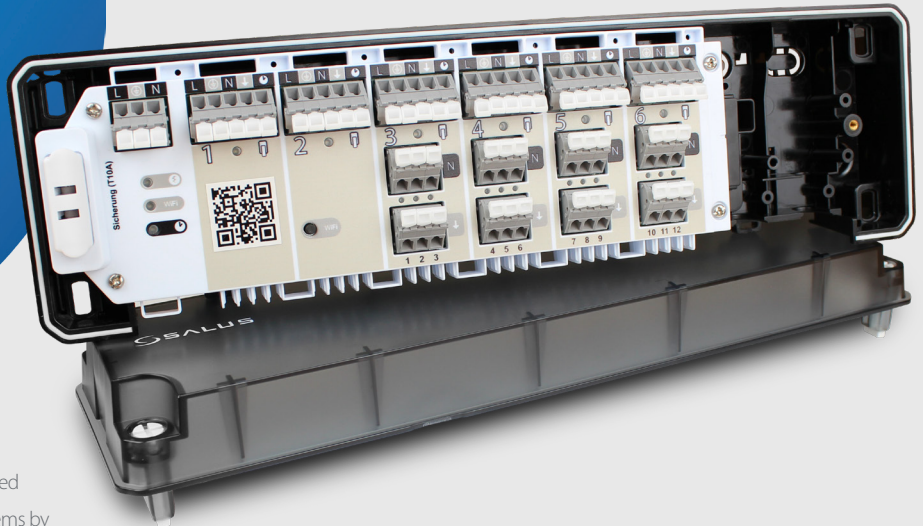


# CB612B

## 6 Zone Balancing Wiring Center



### About this product...

The SALUS CB612B Balancing Wiring Center is an advanced control hub designed to optimize hydronic heating systems by ensuring balanced heat distribution across all connected zones. Featuring a refined control algorithm, the unit intelligently limits simultaneous actuator operation, reducing system wear and promoting even temperature control throughout the building. Compatible with both SPAN and TPI/ITLC thermostat modes, the SALUS CB612B offers the flexibility to switch between Classical and Balancing modes, adapting to various installation needs. The device supports up to six thermostats and twelve actuators, providing flexible zone mapping via a user-friendly interface. With screwless push-type terminals and an optional pump logic module for improved energy efficiency, installation and configuration are simple and safe. Built in compliance with EU RED and RoHS directives, the SALUS CB612B combines intelligent heating management, robust safety features, and modern connectivity to deliver superior comfort and performance in residential and commercial heating applications.

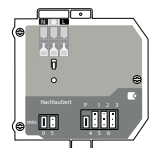
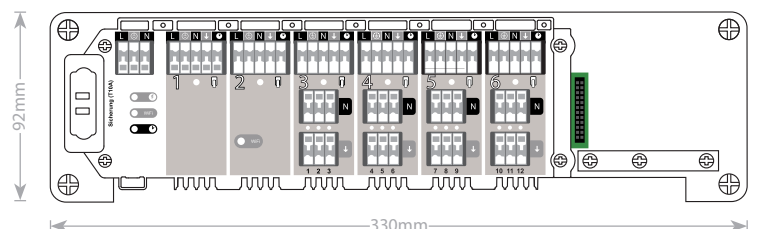
### Features

- **Intelligent Balancing Algorithm** – A well tested algorithm provides efficient and balanced heat distribution, providing efficient and balanced heat distribution.
- **Dual Operating Modes** – Offers both Classical and Balancing modes, allowing users to choose between standard or optimized heating control.
- **Wide Compatibility** – Works seamlessly with both SPAN and TPI/ITLC thermostats and thermal actuators.
- **Simple Installation** – Equipped with screwless, push-type terminals for fast and secure wiring of thermostats and actuators.
- **Flexible Zone Mapping** – Supports up to six thermostats and twelve actuators with customizable zone-to-circuit configuration through an intuitive interface.
- **Optional Pump Logic Module** – Can be paired with a pump logic module to automatically control the pump based on heating demand, improving energy efficiency.
- **Safety and Compliance** – Built to meet EU RED 2014/53/EU and RoHS 2011/65/EU standards, with built-in LED indicators, fuse protection, and 230V AC operation for reliable and safe performance.

### Specification

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Power Supply</b>           | 230 V AC, 50 Hz             |
| <b>Max Load</b>               | 0.5 A per heating circuit   |
| <b>Mounting</b>               | Flush mounting and Din Rail |
| <b>Number of thermostats</b>  | Up to 6                     |
| <b>Number of actuators</b>    | Up to 12 (230V)             |
| <b>Material (Housing)</b>     | Plastic                     |
| <b>Dimensions (W x H x D)</b> | 330mm x 92mm x 65mm         |
| <b>Guarantee</b>              | 5 Years                     |

### Dimensions



## CB612B 6 Zone, Wireless Wiring Centre, 230VAC - Technical Data

### Electrical and Mechanical Specifications

|                                 |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| Power Supply                    | 230 V AC, 50 Hz                                                              |
| Max Load (per heating circuit)  | 0.5 A                                                                        |
| Number of thermostats supported | Up to 6                                                                      |
| Number of actuators supported   | Up to 12 (230V)                                                              |
| Storage temperature             | -25 °C to + 60 °C                                                            |
| Operating temperature           | 0 °C to + 45 °C                                                              |
| Humidity                        | Operating: 5-95% R.H., Non-Condensing<br>Storage: 5-95% R.H., Non-Condensing |
| Wireless Communication          | Local WIFI                                                                   |
| Certifications & Compliance     | CE, RED 2014/53/EU, RoHS 2011/65/EU                                          |
| Pump Logic Compatibility        | Supports automatic pump control via PL06-230 module                          |
| Wiring Center Zones             | 1~6 zones output                                                             |
| Mounting                        | Flush mounting and Din Rail                                                  |
| Terminal Type                   | Screwless push-type connectors                                               |
| Night Setback (NSB) Function    | External 230 V signal for eco temperature mode                               |
| Fuse Protection                 | Ø5X20mm 10A                                                                  |
| Operating Environment           | Indoor, Residential                                                          |
| Dimensions (W x H x D)          | 330mm x 92mm x 65mm                                                          |
| Guarantee                       | 5 Years                                                                      |

### LED Indication

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Green LED      | Indicates power supply connection (230 V AC).                         |
| Orange LED     | Indicates NSB (Night Setback) function is active.                     |
| Red LED        | Indicates active actuator(s) when heating is on.                      |
| Green WiFi LED | Indicates local WiFi network status (solid = active, off = disabled). |

## Easy Integration...

The SALUS CB612B 6-Zone Balancing Wiring Centre, programmed via local Wi-Fi, assigns zones to circuits in either Traditional or Balancing mode and is designed to optimize hydronic heating systems by ensuring balanced heat distribution across all connected zones.



## Slim and Compact...

The SALUS CB612B features a slim and compact design, making it ideal for installation inside cabinets or manifold enclosures where space is limited, ensuring a neat and professional finish.



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