SALUS CONTROLS

CB12RF(UK)

Wireless Control Box
12 Zones, 230VAC

About this product...

The SALUS CB12RF is a ZigBee 3.0-enabled 12-zone wiring centre designed for underfloor heating control. It supports up to 12 230V actuators, making it ideal for manifolds with up to 12 loops, as commonly found in the EU. The CB12RF also features a 230V pump output, a volt-free boiler module, heat/cool changeover (CO) functionality, and an input for an external antenna to enhance RF performance. It is available in both 24V and 230V versions.
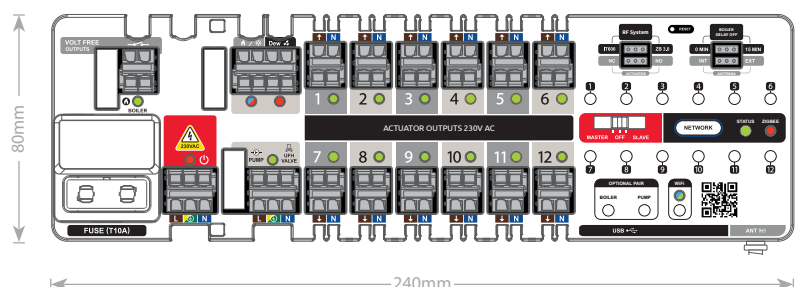
Features

- 12 Zones/24 actuator
- Direct 230V pump connection
- Master-slave function - Extend up to 8 slaves
- Pump transferred from slave to master
- Heat/cool changeover
- Backwards compatible
- Easy wiring and installation
- OTA update via WIFI
- Offline or Online setup
- 5 year warranty

Specification

Power Supply	230VAC, 50/60Hz
Output Voltage	230V / Volt Free
Mounting	Flush mounting and Din Rail
Number of thermostats	12 max, each controlling 1 actuator
Number of actuators	12 (230V)
Material (Housing)	Plastic
Dimensions (W x H x D)	240mm x 80mm x 55mm
Guarantee	5 Years Warranty

Dimensions

80mm

240mm

CB12RF(UK) Wireless Control Box 12 Zones, 230VAC - Technical Data

Electrical and Mechanical Specifications

Power Supply	230VAC, 50Hz
Total Load Max	7A
Pump Relay Load Max	5A
Storage temperature	-25 °C to + 60 °C
Boiler, Pump Relay Load Max	Each 5A
Firmware update	Over the air firmware update capability
NC/NO Jumper	Jumper to select actuator type
Wireless Communication	Zigbee WiFi: 802
Regulation	UKCA, CE
Environmental Requirement	RoHS compliance, Arsenic Free, PVC Free , REACH/WEEE directive
Dew Point for Dew Detection	Yes
Connectivity	ZigBee 3.0 Compliance
Wiring Center Zones	1~12 zones output, minimum 2 actuators per zone
Supported Devices	ZB3: Cronos thermostat, SPE600, SP600, SR600, RX30RF. IT600: SQ610, SQ610RF, VS10RF, VS20RF, HTRSRF, HTRPRF, HTRRF, TS600
Boiler output	Volt-Free
Pump output	230V output, 3 terminal for the pump: L,N and PE
Mounting	Flush mounting and Din Rail
IT600-ZB3 Select	Jumper to select if use box as iT600 slave or ZB3 slave
Protocol	Heating or Cooling
Fuse Protection	Ø5X20mm 10A
Operating Environment	Indoor, Residential
Dimensions (W x H x D)	240mm x 80mm x 55mm
Guarantee	5 Years

LED Indication

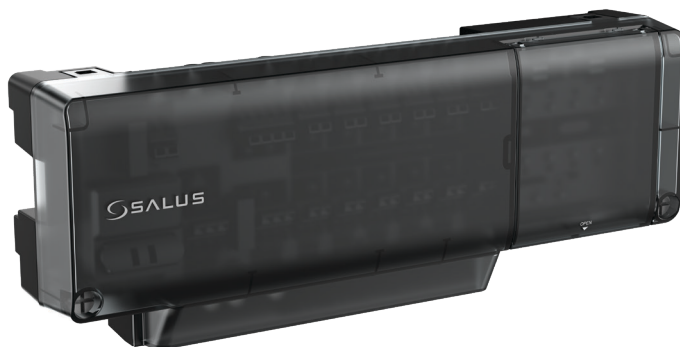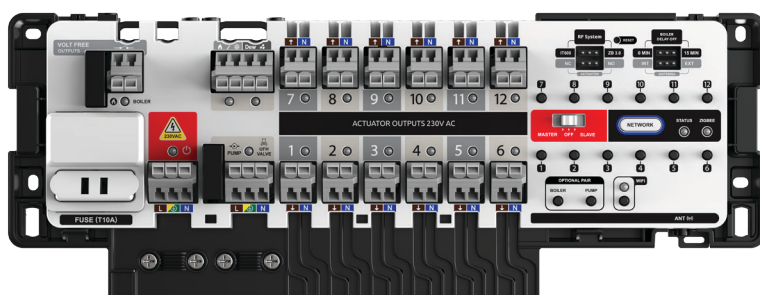|	
Power Supply	Red LED
Pump Operation	Green LED On when pump is working
Boiler Operation	Green LED On when boiler is running
CO Contact (Heat/Cool Changeover)	Bi-Colour LED Red/Blue. RED should be on in Heating Mode, Blue should be on in Cooling Mode
Thermostat call for heat indication	Green LED On for each zone when thermostat is calling for heat
Pairing LED Status	Green LED flashing when device is in joining mode or when lost link. Steady Green when device is online
Zigbee Network LED	Red LED - Steady red when Zigbee network is closed, flashing red when Zigbee Network is open

Easy Integration...

The CB12RF(UK) uses Zigbee 3.0 and can therefore easily integrate with other Zigbee products on the market. Making it ideal to use with thermostats in the SALUS Smart Home range.

The CB12RF can control the heating / cooling of up to 12 zones throughout the property.

Slim and Compact...

The SALUS CB12RF(UK) has been designed to be slim and compact so that it will fit perfectly into the metal cabinets where manifolds are installed.

Scan QR Code to View Product on Website

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