CB500

Hardwired control box with built-in module, 5 zones, 230V

5 YEAR WARRANTY | 230V

Introduction

The CB500 is a hardwired control box that allows you to control 5 separate zones as a standalone unit. Its built-in module controls the heating and cooling sources. The number of controlled zones can be increased up to 15 by using the additional CB500X extension module (CB500 main control box + two CB500X extension modules).

Each zone can be operated by one thermostat. The 230v power supply for each thermostat is taken directly from the control box. The CB500 has volt-free outputs to control a boiler, heat pump or chiller. It also allows you to switch between heating and cooling modes.

The unit is equipped with 230V outputs for the UFH pump, 2 port zone valve and actuators. The spring clamps provide quick and convenient wiring connections for a speedy install. The CB500 is also designed to work with NC (normally closed) actuators.

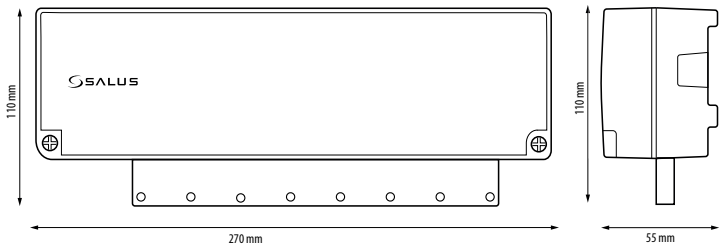
The CB500 can be surface mounted or installed on a DIN rail mounting system for a quick and easy connection.

Characteristics:

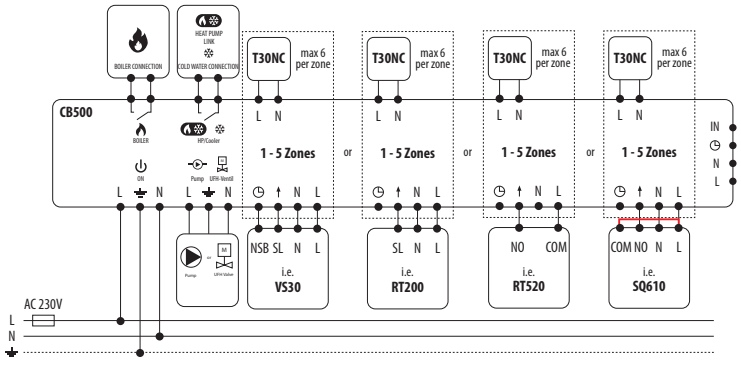
- Controls 5 independent heating zones
- 20 outputs for actuator connection
- Volt-Free Boiler, Heat pump or chiller relays
- New clamps for wire connection, very easy to use
- Pull-out protection clamps for all wires
- It can be extended with a CB500X extension (up to 15 zones)
- Slim housing

Technical info

Product	Hardwired control box with built in module, 5 zones, 230V
Power supply	230 V AC 50 Hz
Total Load Max	7 A
Pump / Boiler / HP (Chiller) Relay Load Max	5 A
Inputs	Heating / Cooling (volt free) & Dew point sensor
Outputs	Boiler control output (volt free) Heat Pump / Chiller control output (volt free) UFH Pump & UFH Zone Valve control (AC 230V) Actuators (AC 230V)
Dimensions (mm)	270 x 110 x 55



Connection scheme



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