

Meets the following EC Directives

- Electro-Magnetic Compatibility directive 2004 / 108 / EC
- Low voltage Directive 2006/95/EC

These instructions are applicable to the SALUS model stated on the front cover of this manual only.

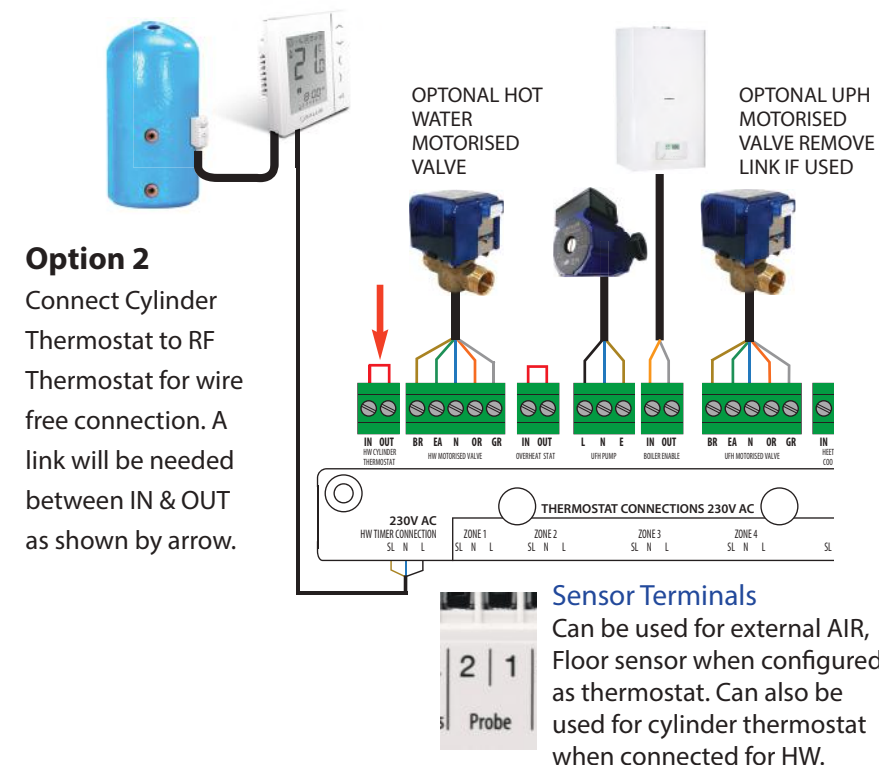
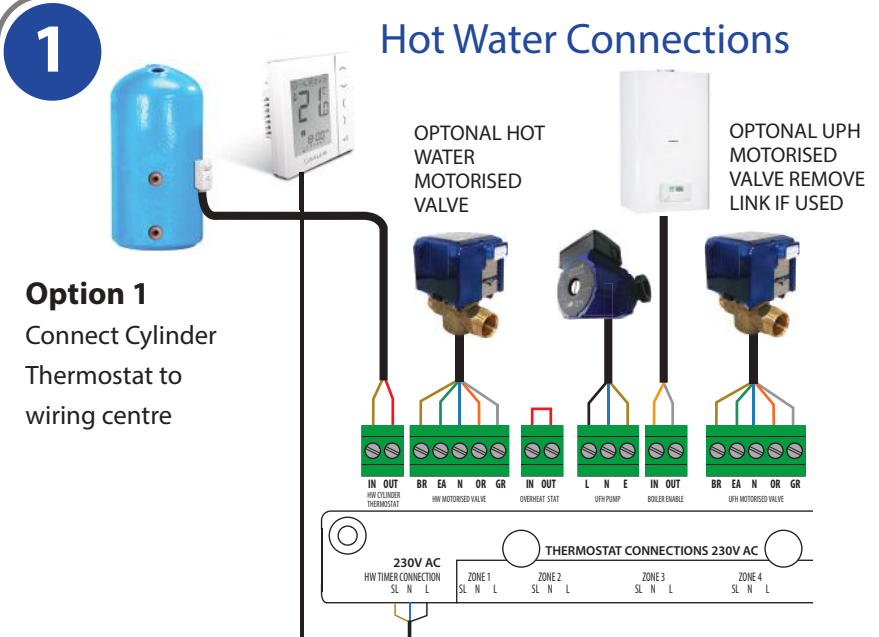
Warning

This product must be fitted by a competent person, and installation must comply with the guidance, standards and regulations applicable to the city, country or state where the product is installed. Failure to comply with the requirements of the relevant guidance, standards and regulations could lead to injury, death or prosecution.

Warning

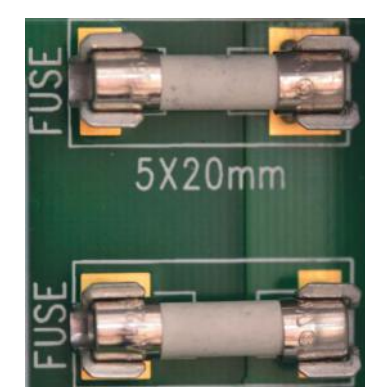
Always isolate the AC Mains supply before installing or working on any components that require 230 VAC 50Hz supply.

For PDF Installation guide please go to www.salus-controls.com

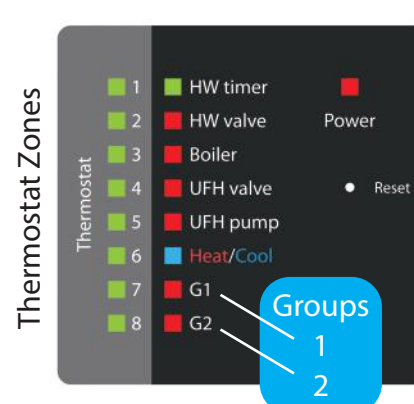


When using option 2 refer to device parameters on page xx of the manual.

4 Fuses



8 Status Neon's



6 Motorised Valves, Pump, Boiler & Stat Connections

Optional Cylinder Thermostat: If connecting the cylinder thermostat directly to the timer then a link needs to be fitted between IN and OUT.

Optional Hot Water Motorised Valve: Used if timed hot water is required.

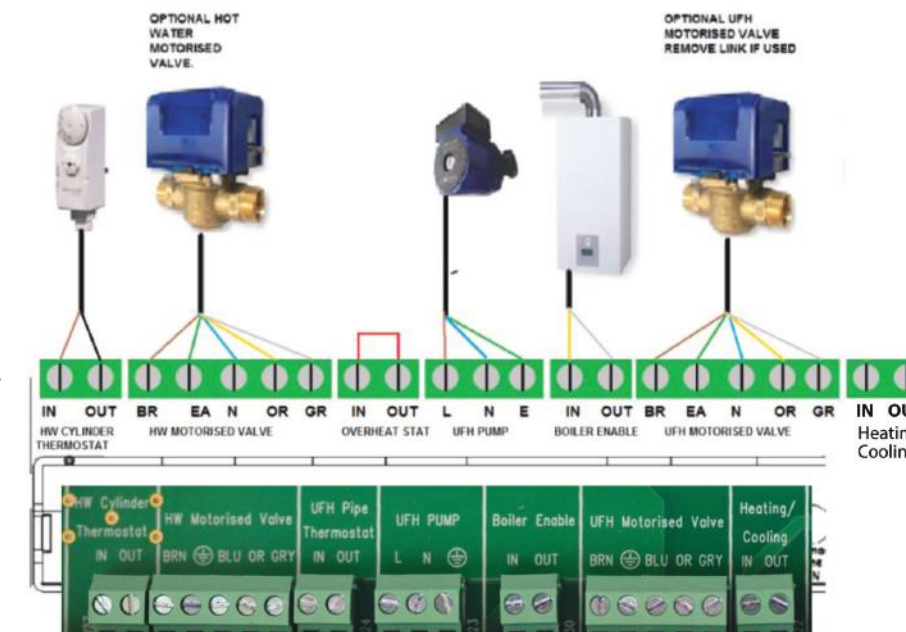
Optional Overheat Thermostat: Used for connecting a pipe thermostat to prevent over temperature water damaging sensitive floors. Remove the link and connect the pipe thermostat so it is Normally Closed. The pipe stat will open if overheating occurs and the UFH pump will stop running.

Optional Boiler Enable: This Volt Free connection must come from the boiler thermostat connection, when any zone calls for heat the Boiler enable will close causing the boiler to run. If work is being carried out on the boiler then power to and from the switch will cease. (Do not connect to the boiler IN terminal by linking a 230V feed from the wiring centre)

Optional UFH Motorised Valve: If a UFH motorised valve is fitted then remove the link between OR and GR.

Optional Heat/Cool Changeover: This connection allows heat/cool changeover of all thermostats using a single external switch (installer supplied).

Switch: Open-Heating Closed-Cooling



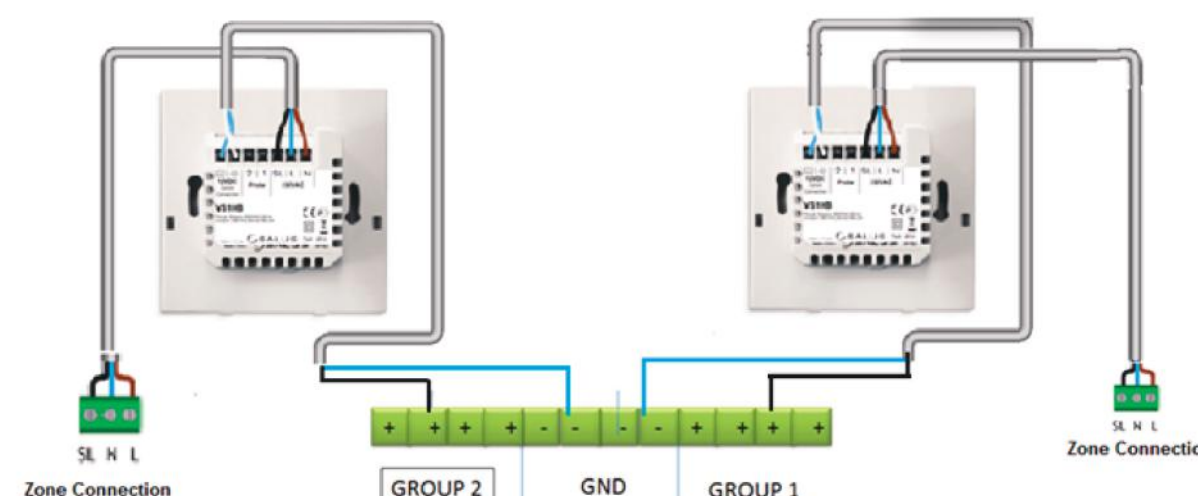
3 Ribbon Connection



This must be carefully removed or replaced when removing or replacing the wiring centre cover, being careful to ensure the correct orientation.

5 Thermostat Grouping

The thermostats can work as individual units or in groups. There can be up to 2 groups of thermostats per wiring centre. In order to work in groups the communications cable must be connected to the wiring centre communications terminals (+ & -). The (-) terminals are common to all thermostats. In order to assign the thermostat to group 1 or 2 then the communications cable + must be connected to the relevant 1 or 2 + terminal.



2 Dip Switch Set Up

In order for the wiring centre to be able to control UFH and Radiators, there is a need to turn off the UFH pump for a zone when that zone is to be used for radiators.

Eg. When fitting a zone for radiators or towel rail then the Dip Switch for that zone should be switched to OFF. The Dip Switches for this are located under the front lid. When the zone switch is in the ON position the UFH pump will run when that zone is calling for heat along with the boiler. When it is in the OFF position then the UFH pump will not run but the boiler will fire.

There are three other function switches as well.

Pump & Boiler delay: This gives a three minute delay to allow actuators to open before the boiler fires.

Pump Only Delay: Delays only the UFH pump from firing for three minutes.

Actuator NC or NO: This refers to Normally Open or Normally Closed. This should be set to NC for JG products.



8 If hot water is part of a group then the communication connection must be connected to group 1.

7 Actuator Connections

Actuator connections corresponding to the thermostat connections. Up to 2 cables can be used in each connection (4 Actuators per Zone) If more, that number needs to be connected, then an external junction box will be needed. A maximum of xxx actuators can be connected to a zone in this manner.

