

**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 above.**

**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.

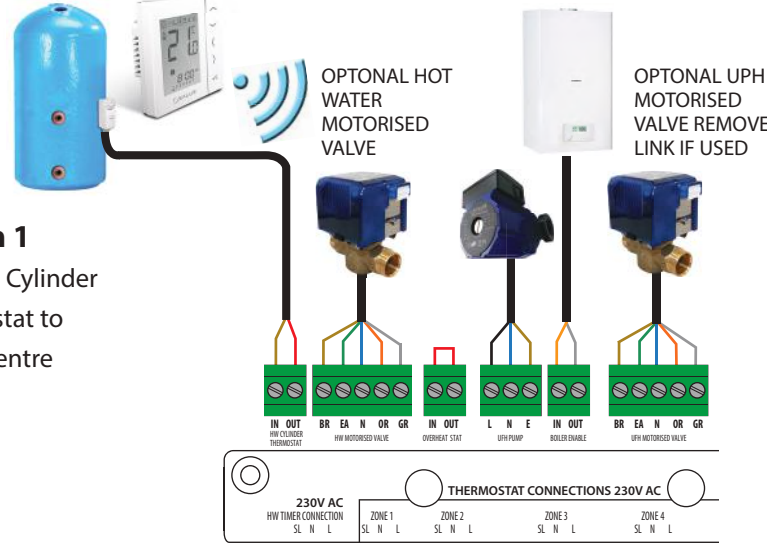
**Warning**

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

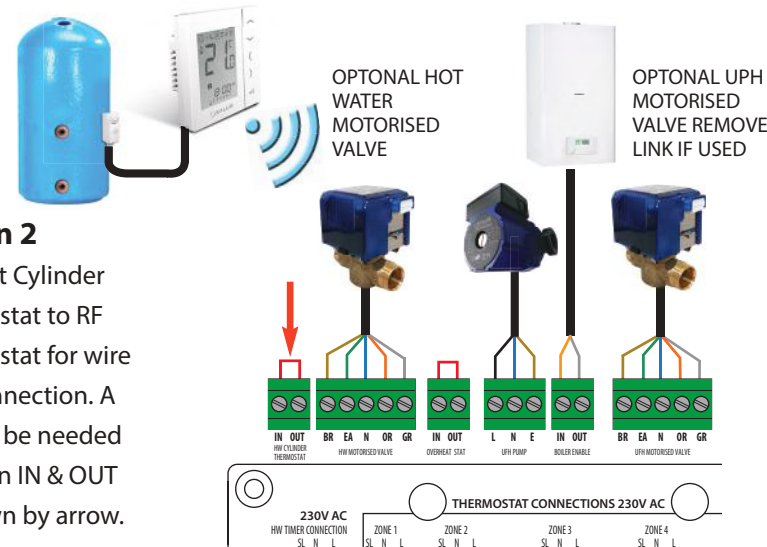
For PDF Installation guide please go to [www.salus-controls.com](http://www.salus-controls.com)

### 1 Hot Water Connections

**Option 1**  
Connect Cylinder Thermostat to wiring centre



**Option 2**  
Connect Cylinder Thermostat to RF Thermostat for wire free connection. A link will be needed between IN & OUT as shown by arrow.



**Sensor Terminals**  
Can be used for external AIR, Floor sensor when configured as thermostat. Can also be used for cylinder thermostat when connected for HW.

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

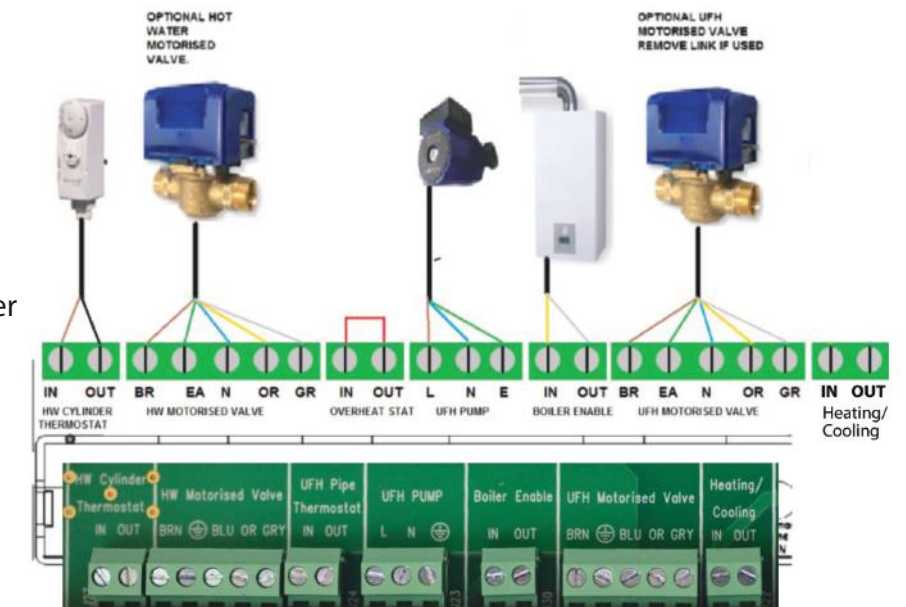
### 5 Thermostat Connections



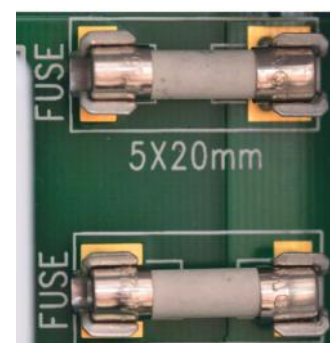
Thermostat connections are to power the thermostats only, there is no switched live needed as this is done with a wireless signal. Power can therefore be supplied to the thermostat locally from any convenient power source if connecting to the wiring centre from the thermostat is difficult. Battery powered RF thermostats can also be used. These can be mixed with 230v RF thermostats or as an alternative.

### 8 Motorised Valves, Pump, Boiler & Stat Connections

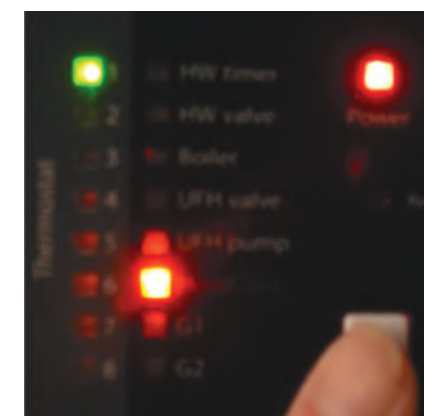
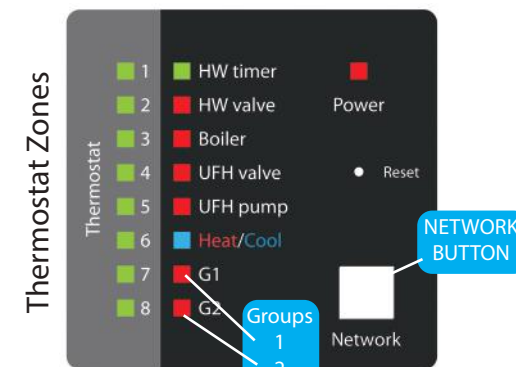
**Optional Cylinder Thermostat:** If connecting the cylinder thermostat directly to the timer then a link needs to be fitted between IN and OUT.  
**Optional Hot Water Motorised Valve:** Used if timed hot water is required.  
**Optional Overheat Thermostat:** Used for connecting a pipe thermostat to 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



### 6 Fuses

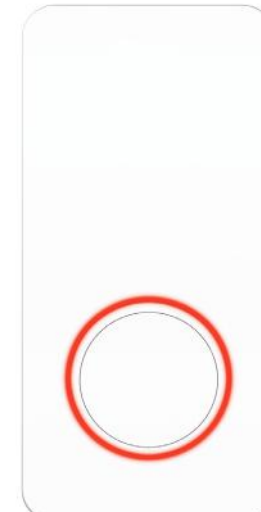


### 7 Information Display



After setting up the coordinator will assign the wiring centre number. This is because more than 1 wiring centre may be used on a project. Pressing the network button will illuminate the relevant number. The example shown is for wiring centre 1, if 1 & 2 are lit it would be wiring centre 2.

### Coordinator



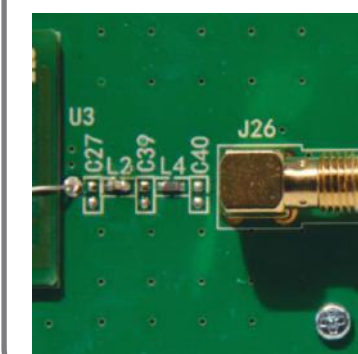
A Coordinator will be needed with all RF products.

### 3 Ribbon Connection

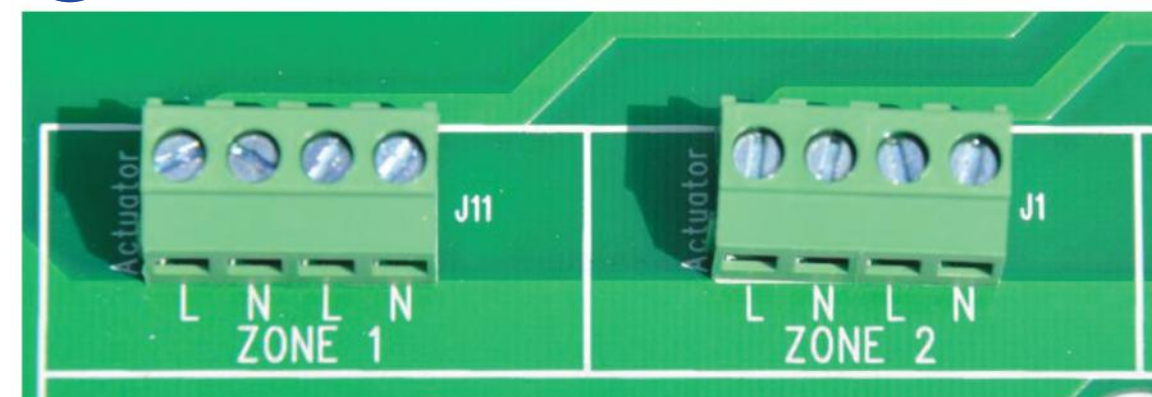


This must be carefully removed or replaced when removing or replacing the wiring centre cover, being careful to ensure the correct orientation.

### 4 Aerial Connection



### 9 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.

### 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 products.

