

**Boiler Power supply**

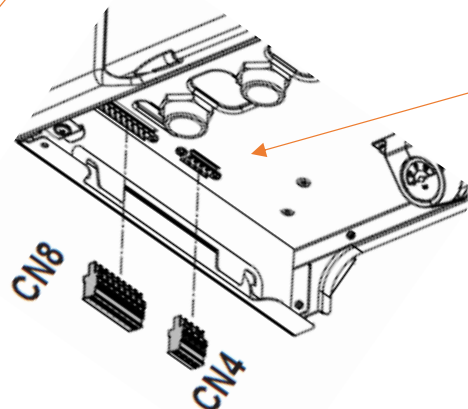
Using the pre wired lead connect the power supply either via a socket or hard wired isolatable switch spur.

**If you include a hot water cylinder.**

The cylinder must include a time control as well as using the cylinder thermostat. - or Use a differential temperature thermostat with a minimum 10 degree switching differential.

**Why?**

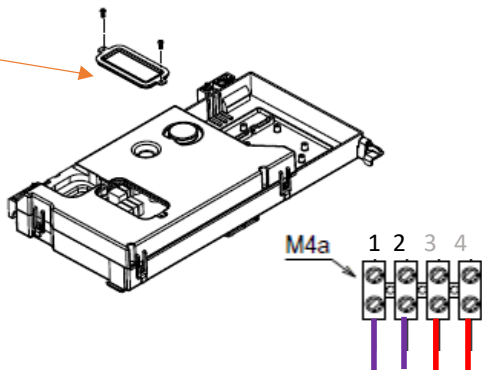
If you simply rely on a conventional cylinder thermostat, then this will constantly activate with a one or two degree trigger short cycling the boiler adversely affecting the efficiency and potentially causing pump failure.



On the underside of the boiler are two connection blocks. CN8 & CN4.

**For heating thermostat control**

In the CN8 block there is a link. marked T/A Connect the volt free switched input from your room thermostat to the T and A terminals and remove the link.



**If the system also heats a hot water cylinder ....**

Wire the voltage free switch from your cylinder thermostat / time control to terminals 1/2 of the connector block under the cover on the drop down wiring box

**Wiring requirements**

- 1/ A Power Supply adjacent to the boiler
- 2/ 1.5mm two core from the Heating thermostat to the boiler - *for potential free switching*  
\* four core if you are powering the thermostat from the boiler
- 3/ 1.5mm two core from adjacent to the cylinder to the boiler - *for potential free switching*  
\* four core if you are powering the timer/thermostat from the boiler

\*The power supply for the Heating thermostat and for the cylinder thermostat can be taken from the boiler or a suitable local power supply, as the control wires back to the boiler are voltage free switching