

Programmable Room Thermostat only

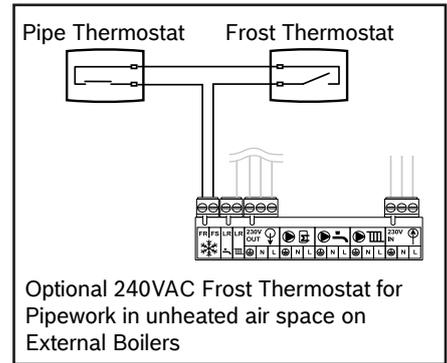
1H-R-P

 The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:

L LIVE **N** NEUTRAL **E** EARTH

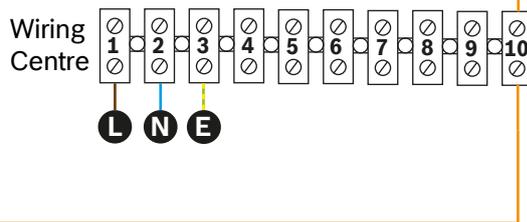
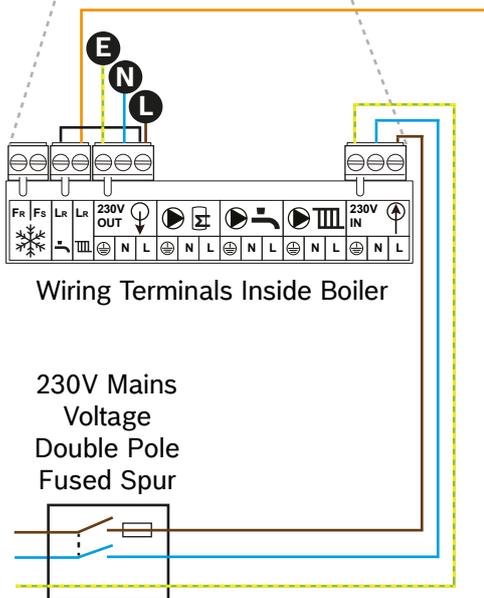
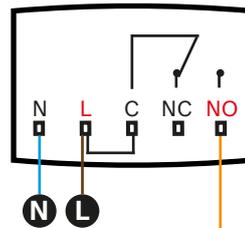
Legend:

- L** = Live Supply
- N** = Neutral Supply
- LR** = Live Return
- E** = Earth
- C** = Common
- S** = Satisfied
- D** = Demand
- M** = Motor
- CH D** = Central Heating Demand
- HW D** = Hot Water Demand



Programmable Thermostat

The Link between the live (L) and common (C) may already be fitted as part of the programmable thermostat, if not then a link must be wired in.



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Room thermostat only

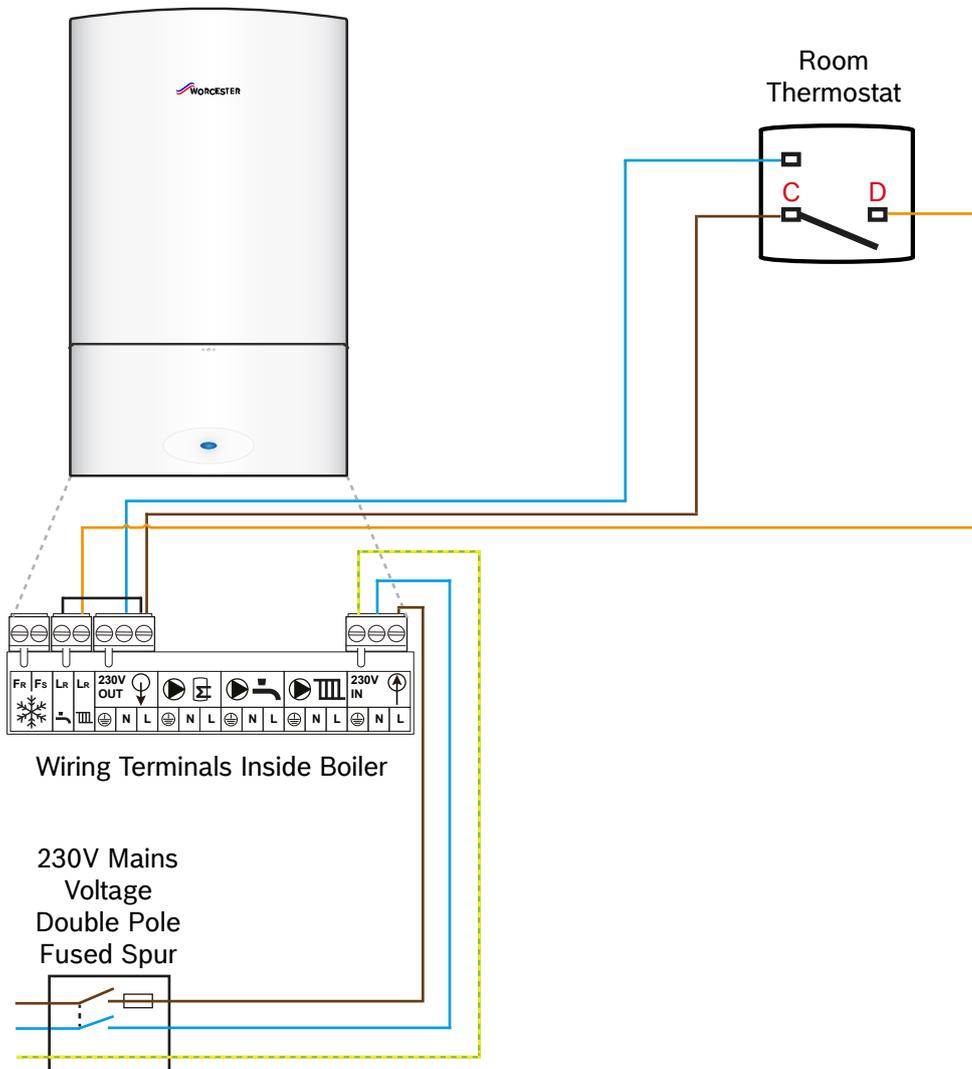
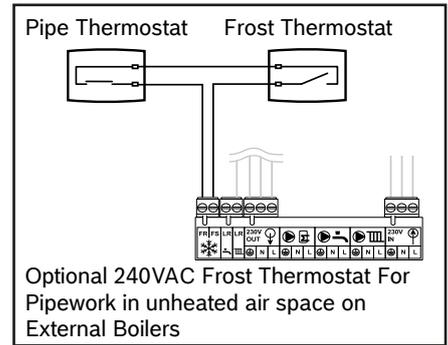
1H-R-R

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2 Heating Zones

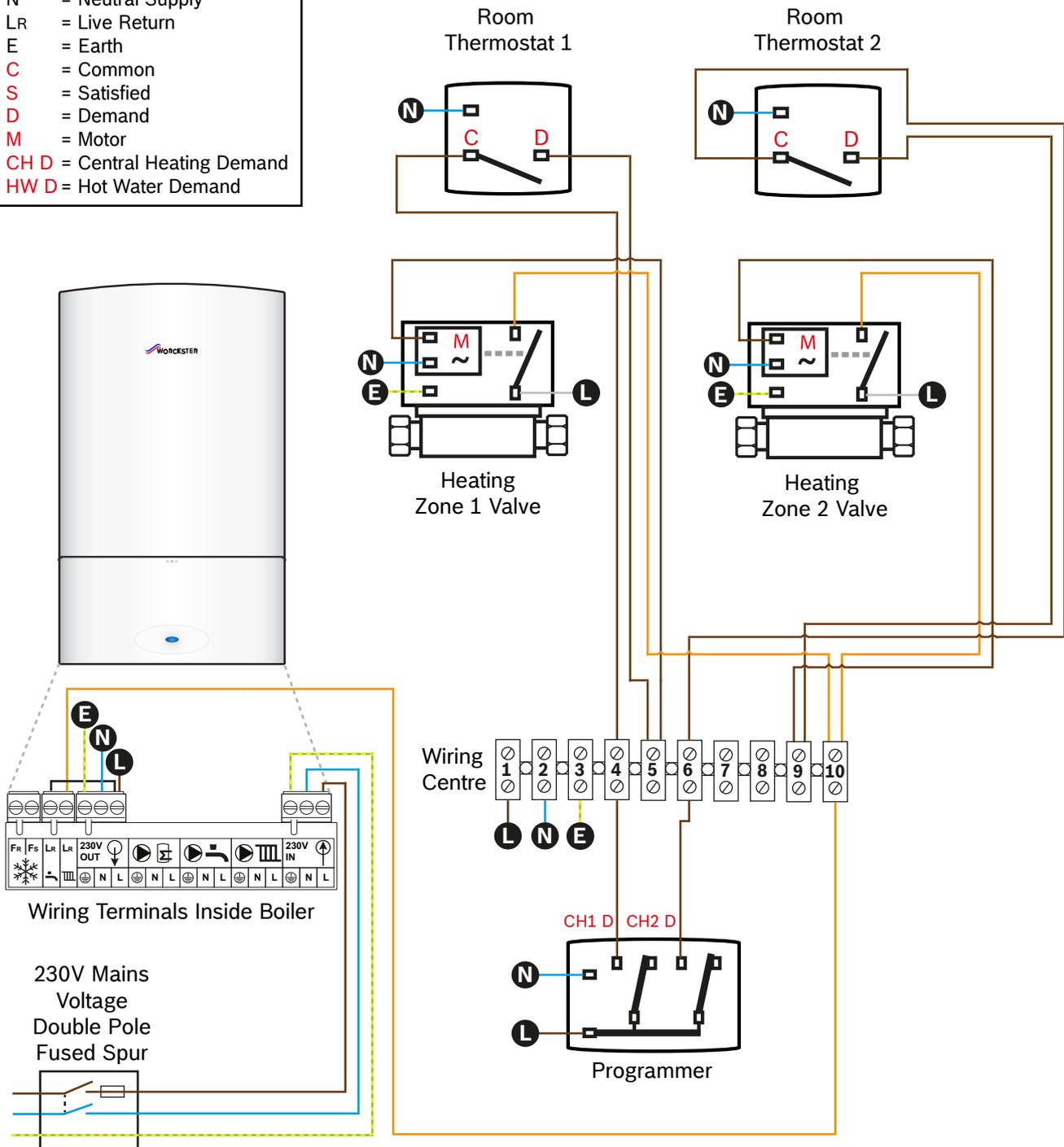
2H-R-E

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Legend:

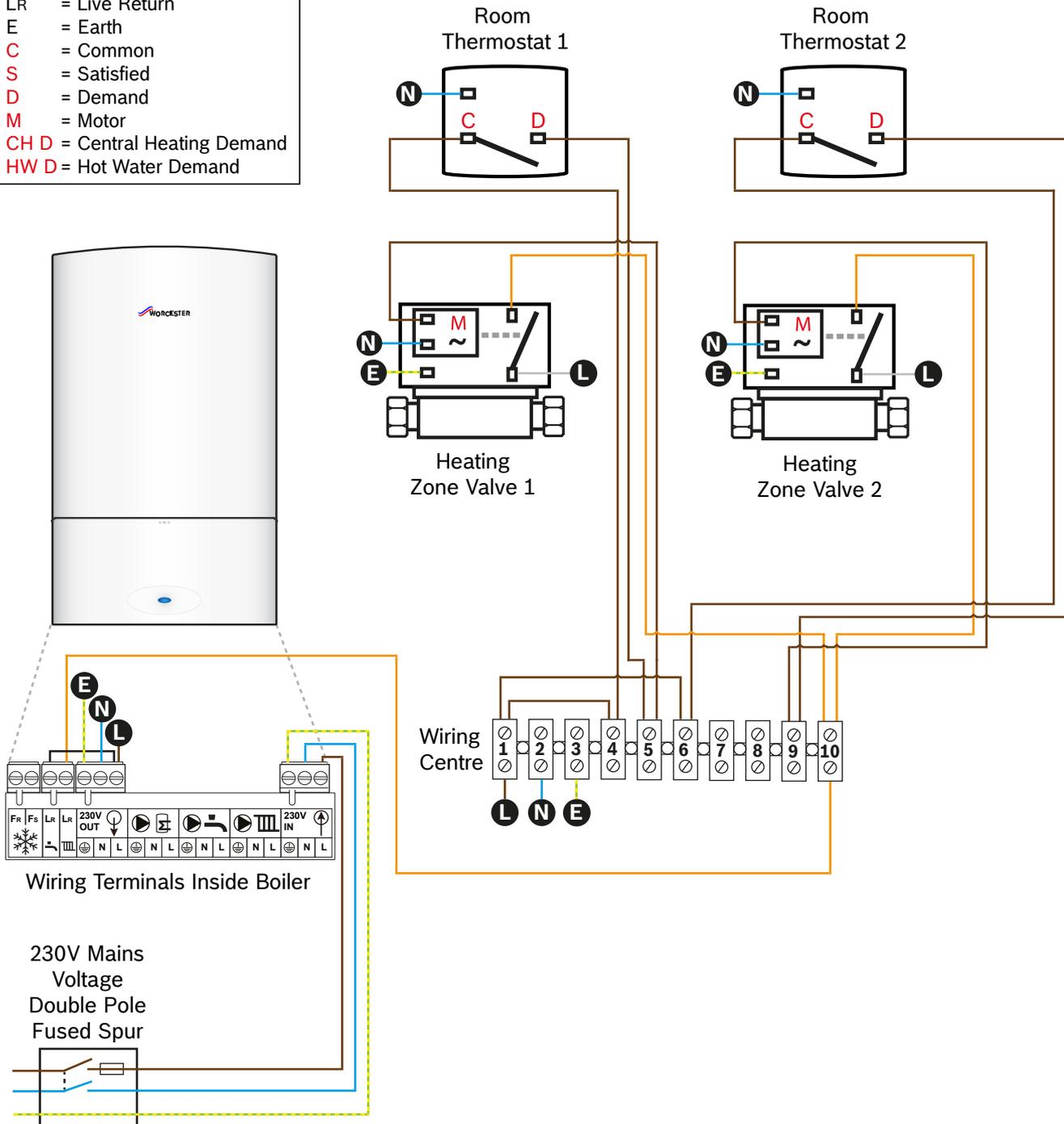
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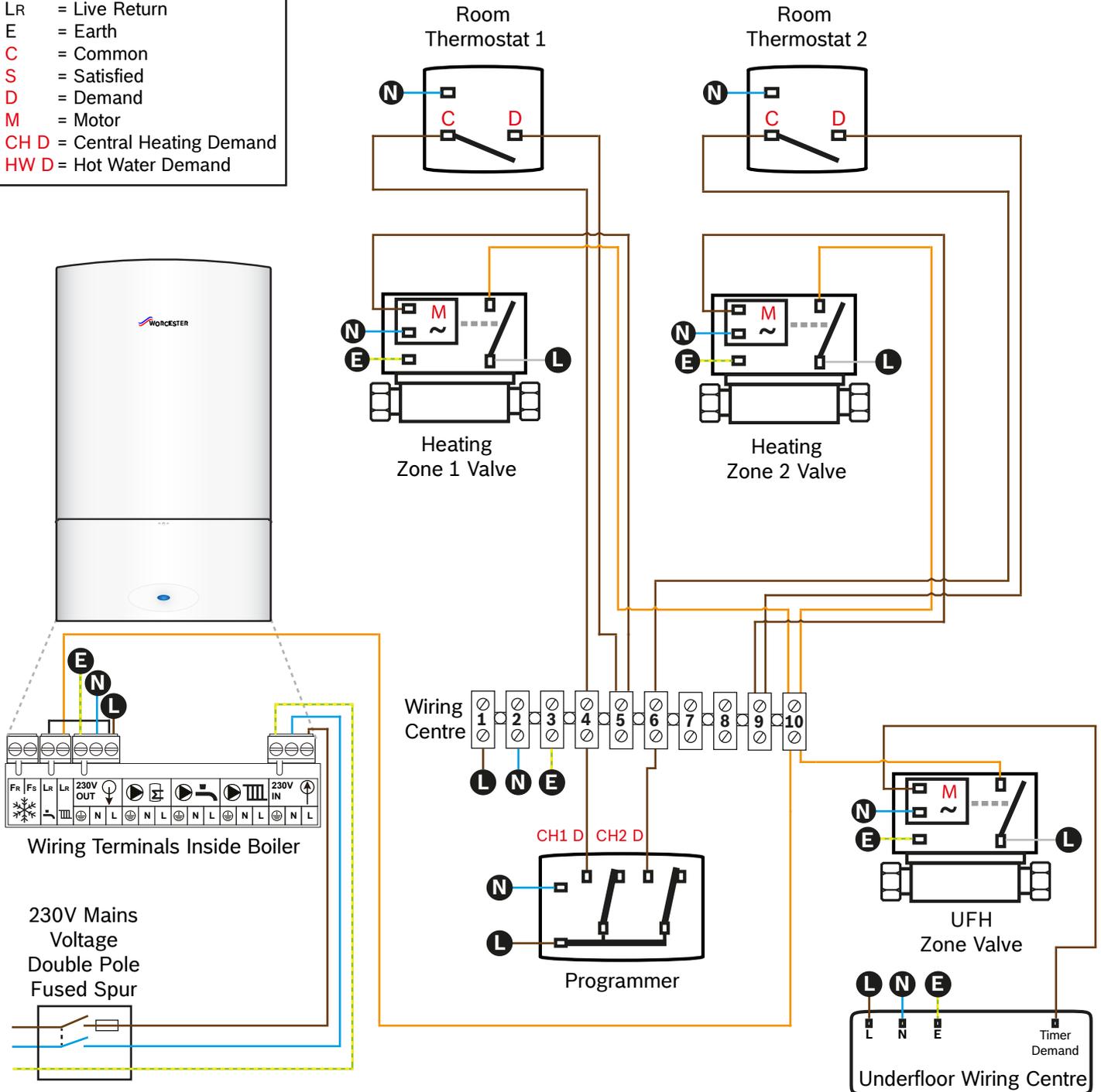
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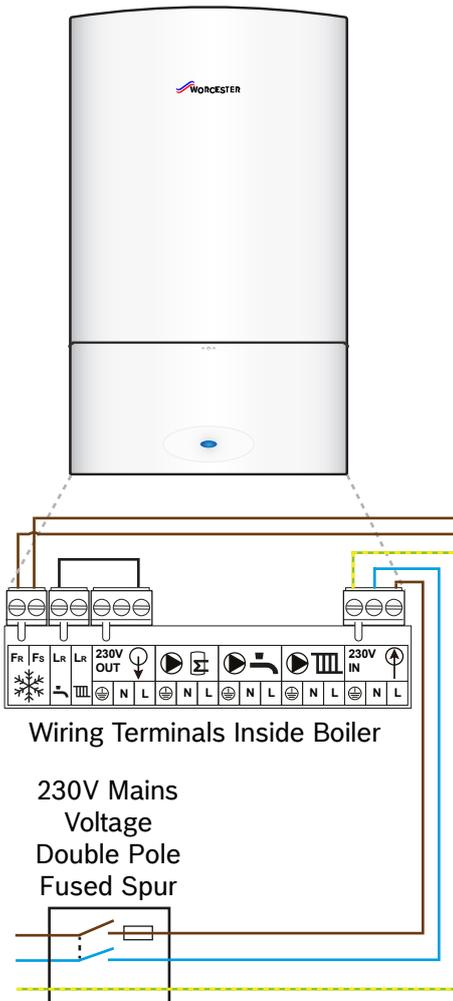
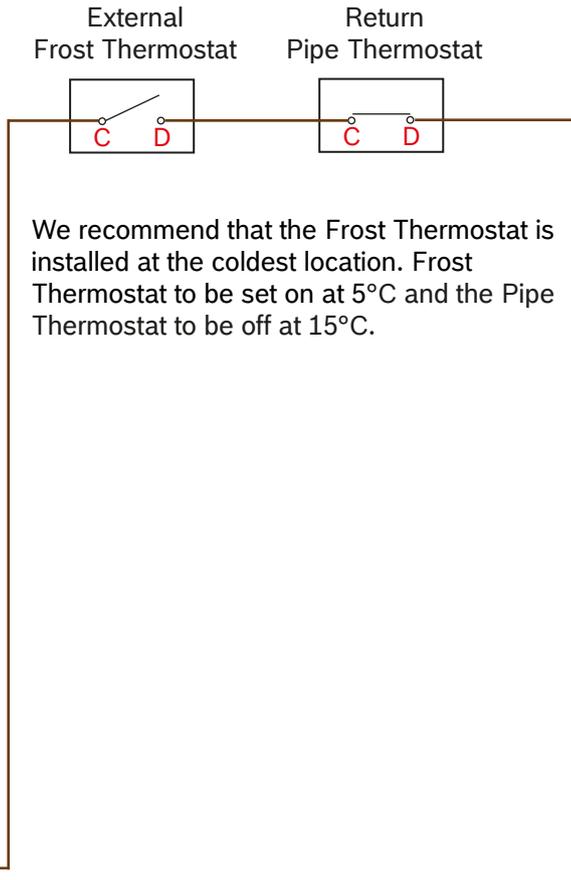


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Frost Protection (to System Bypass)

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 - LR = Live Return
 - FR = Frost Return
 - Fs = Frost Supply
 - E = Earth
 - C = Common
 - S = Satisfied
 - D = Demand
 - M = Motor
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Cascade boilers using Low Loss Header

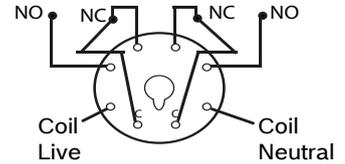
-----LLH

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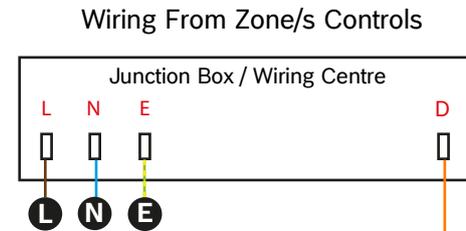
- Legend:**
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 - LR = Live Return
 - FR = Frost Return
 - FS = Frost Supply
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IMPORTANT NOTE:

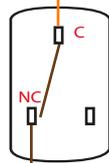
The Relay should be mounted within a suitable electrically safe housing.



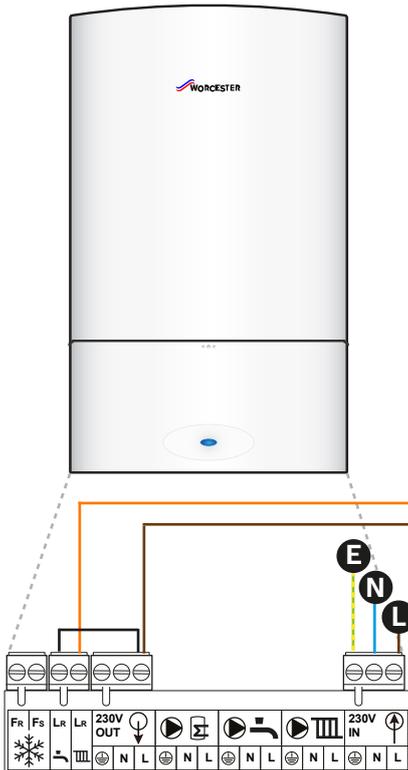
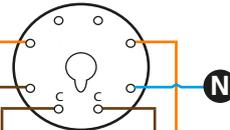
Example relay shown is a double Pole Mains Voltage Relay. This disables the boilers electrically in case of a fault condition.



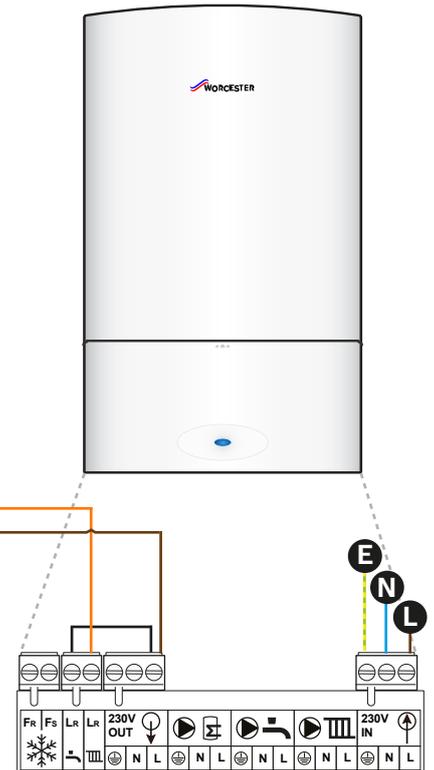
Header Limit Thermostat



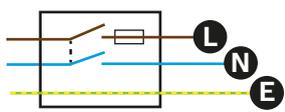
230V AC Double Pole Relay



Wiring Terminals Inside Boiler



Wiring Terminals Inside Boiler



230V Mains Voltage Double Pole Fused Spur

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