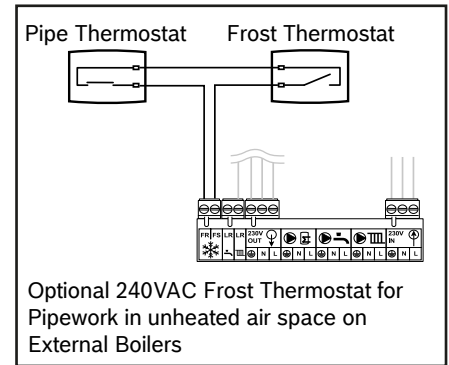
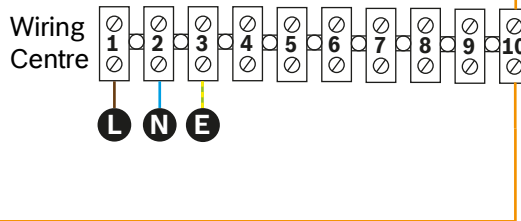
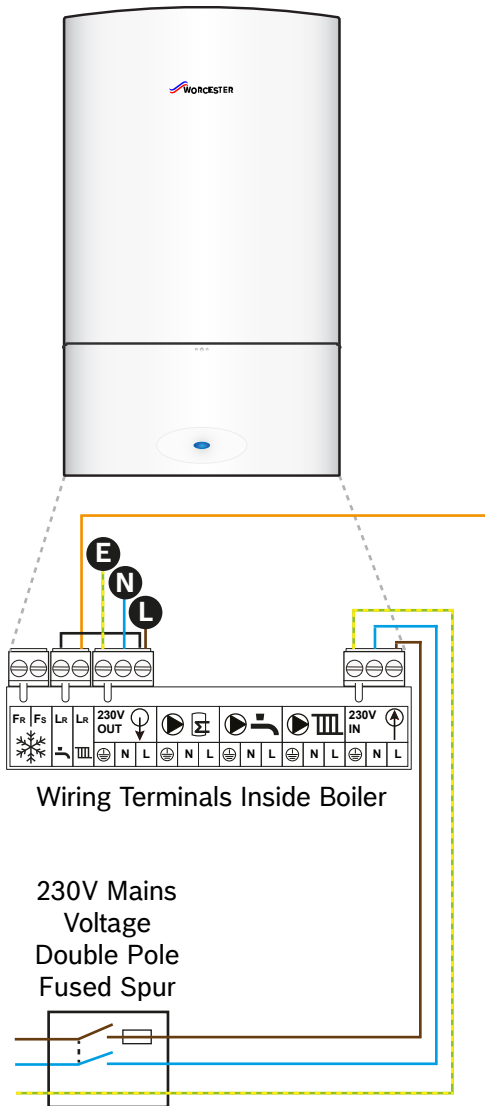
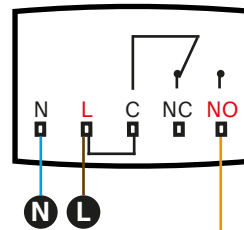
 The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:  
**L** LIVE   **N** NEUTRAL   **E** EARTH

**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

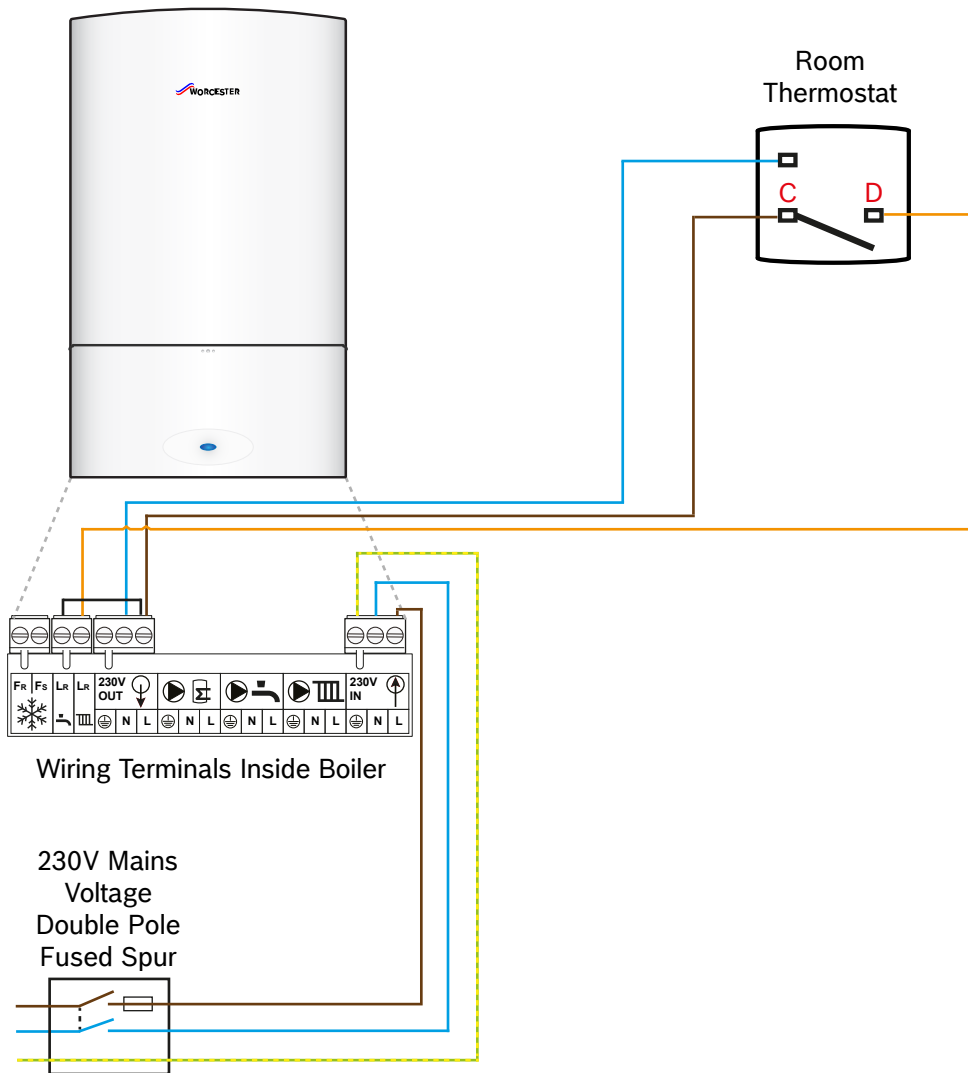
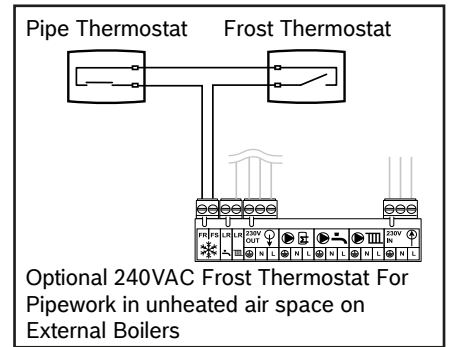
# 1H-R-R

 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
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## 2 Heating Zones

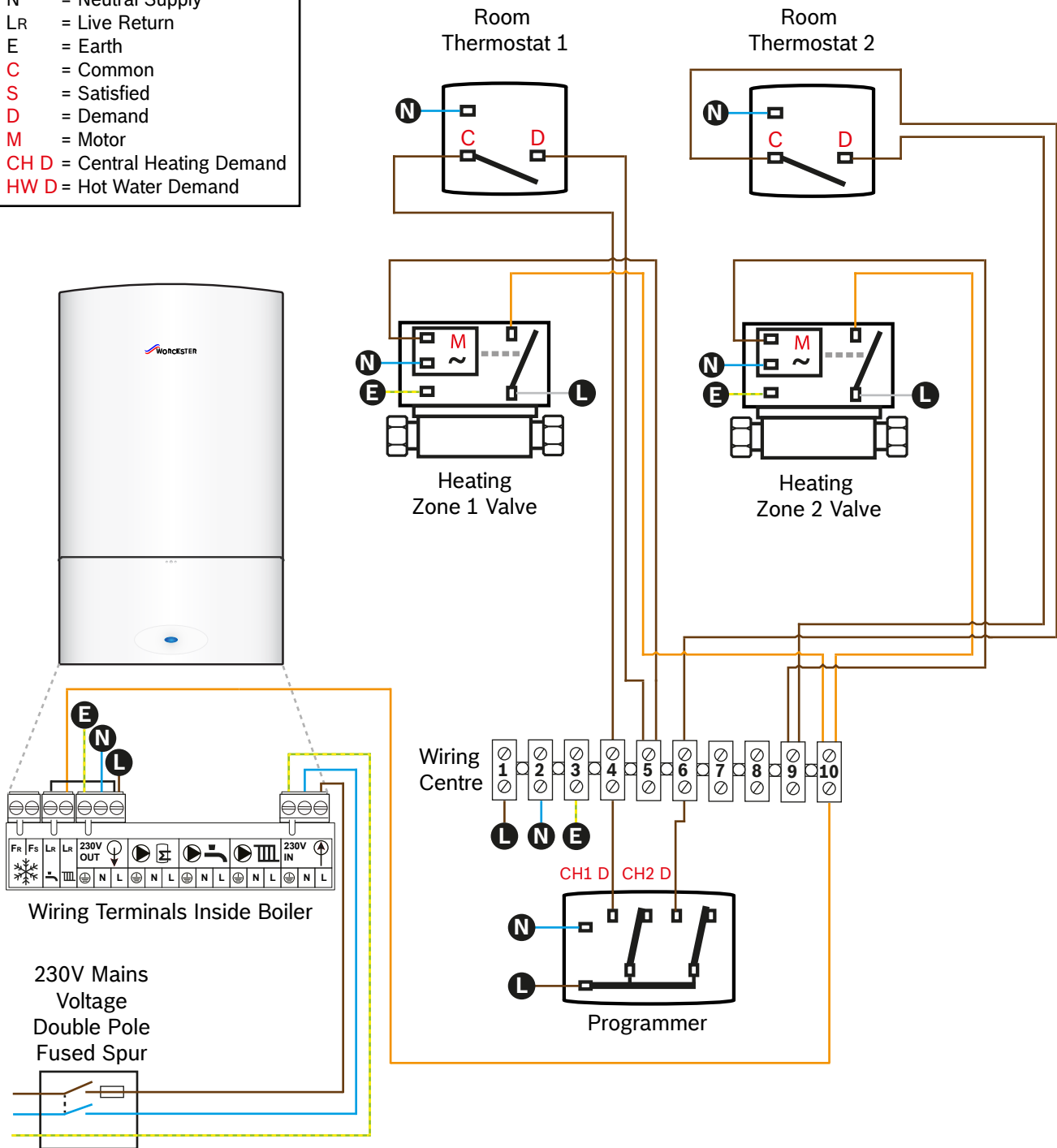
## 2H-R-E

 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:**

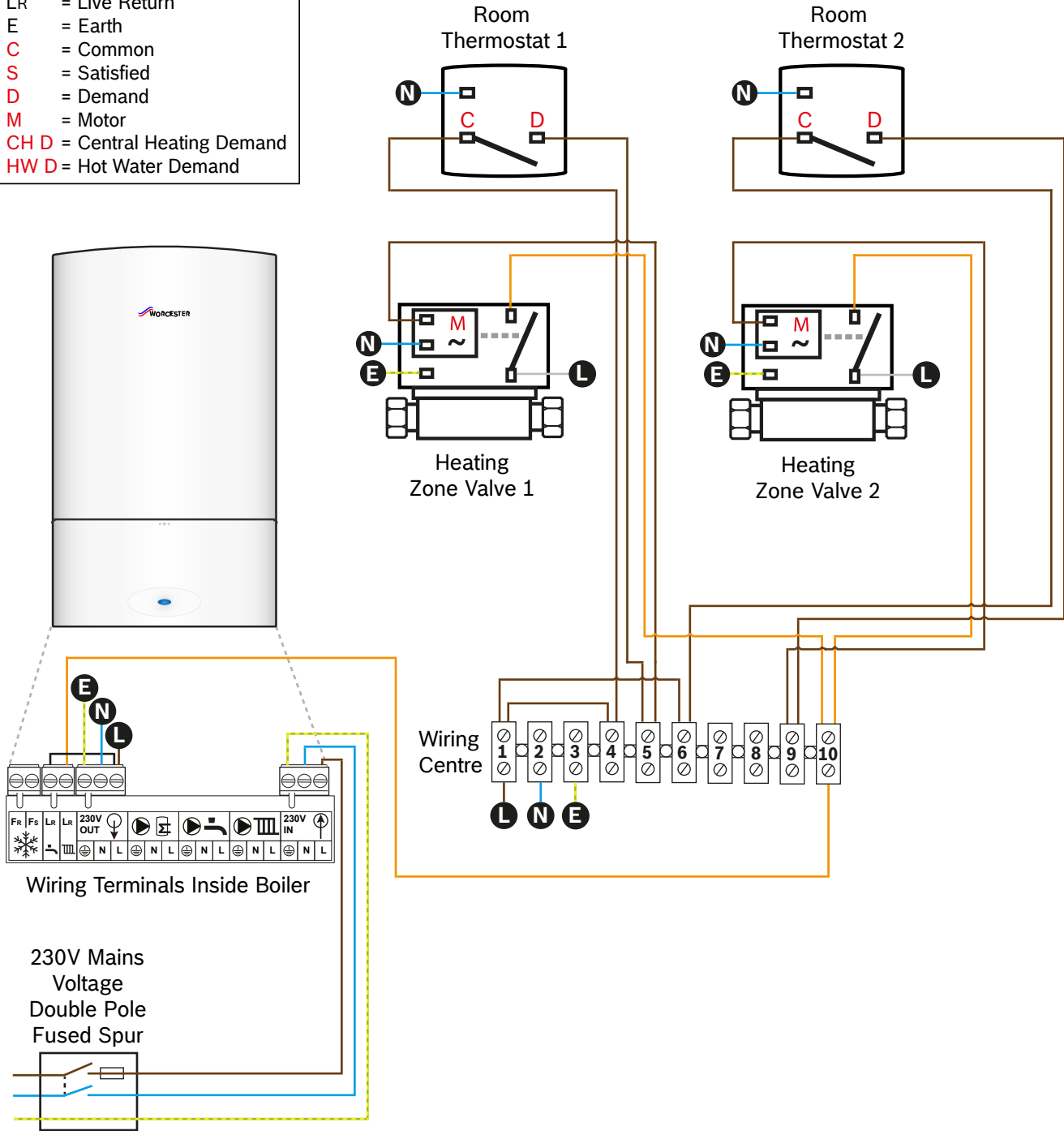
- L = Live Supply
- N = Neutral Supply
- LR = Live Return
- E = Earth
- C = Common
- S = Satisfied
- D = Demand
- M = Motor
- CH D = Central Heating Demand
- HW D = Hot Water Demand




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 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



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

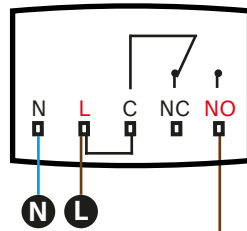
**Legend:**

- 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

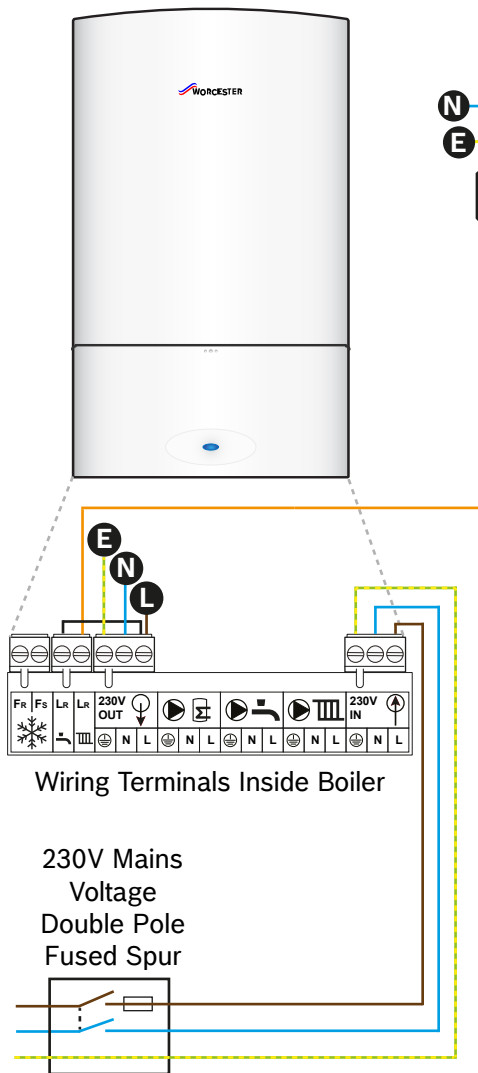
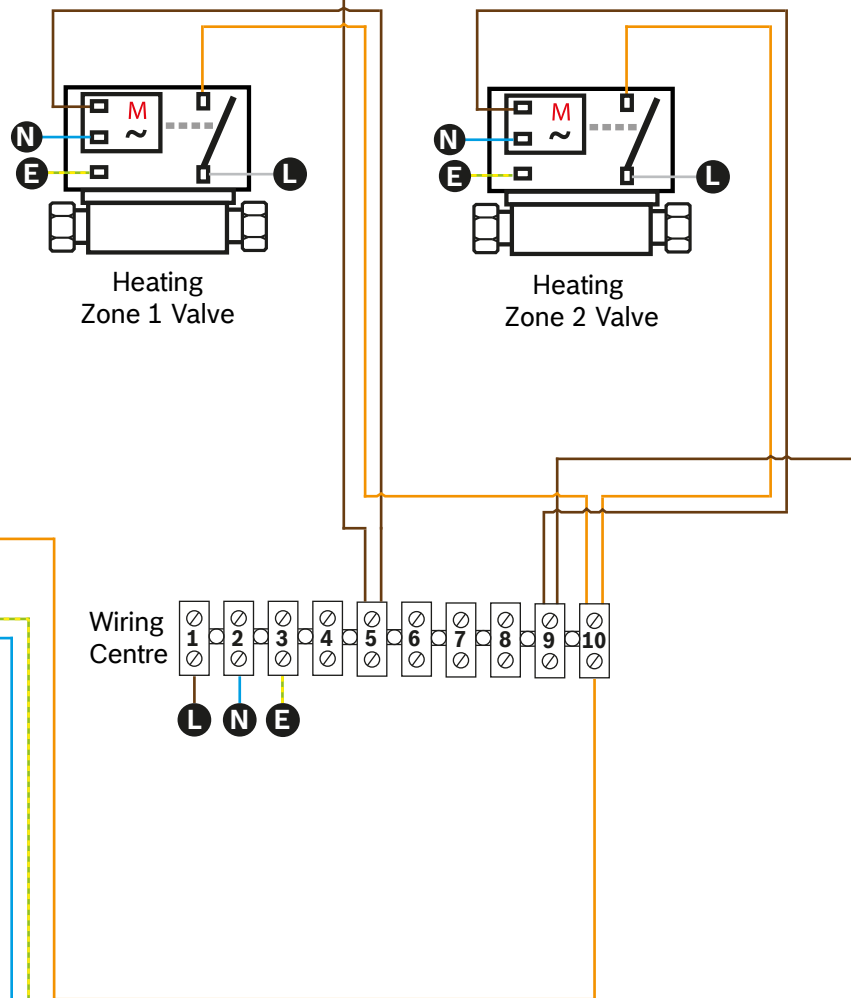
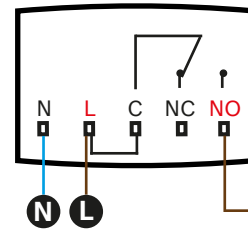
### Programmable Thermostat

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.

Room Thermostat 1




Room Thermostat 2

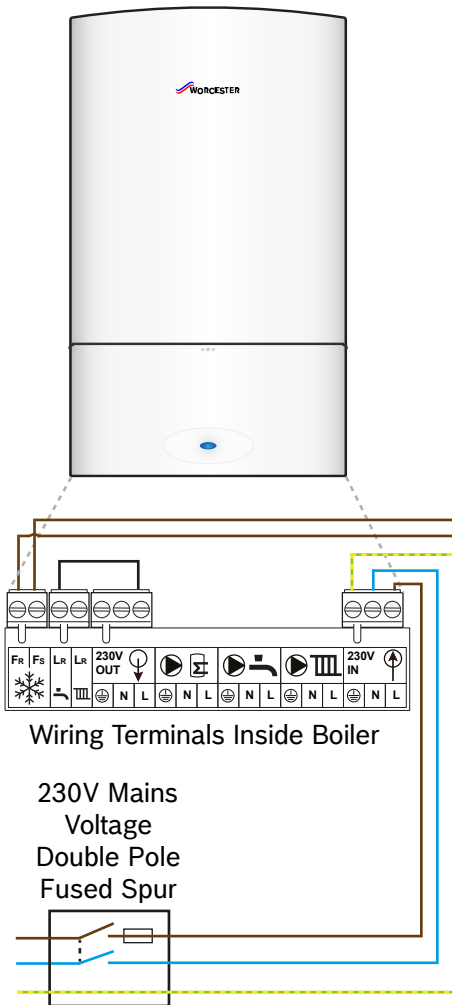
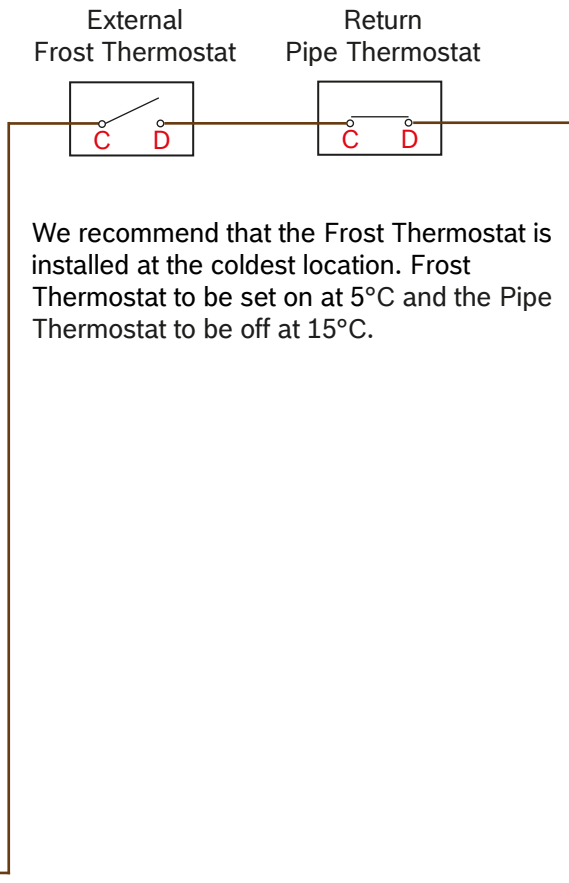


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## Frost Protection (to System Bypass)

 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  
**FR** = Frost Return  
**Fs** = Frost Supply  
**E** = Earth  
**C** = Common  
**S** = Satisfied  
**D** = Demand  
**M** = Motor  
**CH D** = Central Heating Demand  
**HW D** = Hot Water Demand



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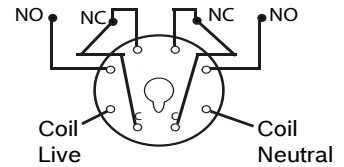
**L** LIVE **N** NEUTRAL **E** EARTH

**Legend:**

- L = Live Supply
- N = Neutral Supply
- LR = Live Return
- FR = Frost Return
- FS = Frost Supply
- E = Earth
- C = Common
- S = Satisfied
- D = Demand
- M = Motor
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- HW D = Hot Water Demand

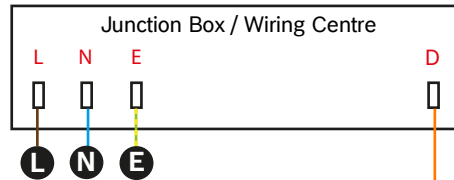
**IMPORTANT NOTE:**

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

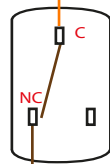


Example relay shown is a double Pole Mains Voltage Relay. This disables the boilers electrically in case of a fault condition.

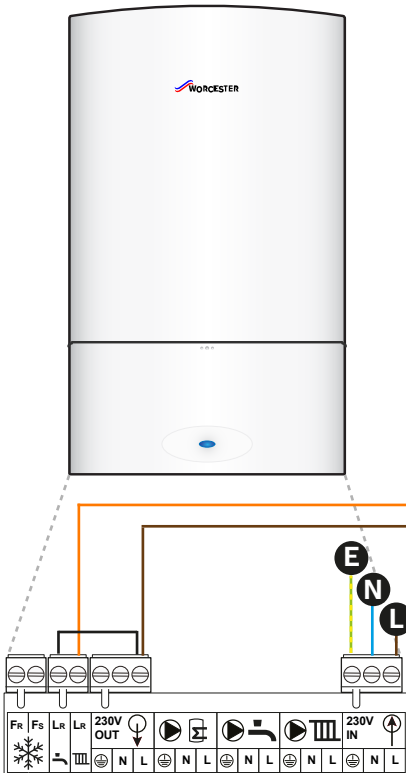
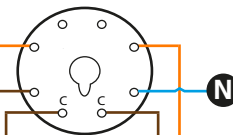
Wiring From Zone/s Controls



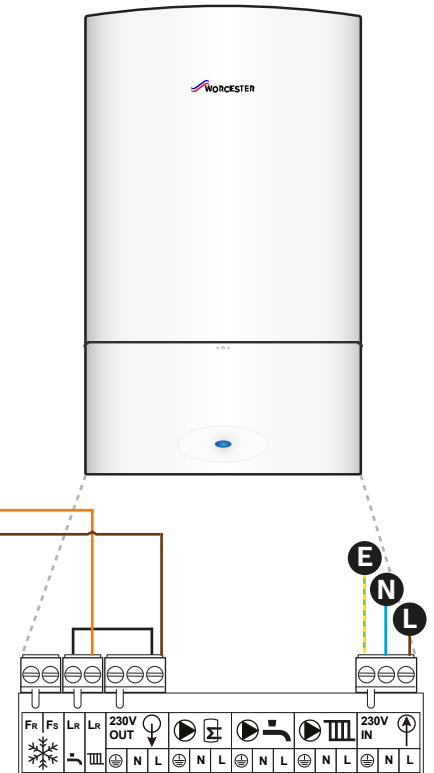
Header Limit Thermostat



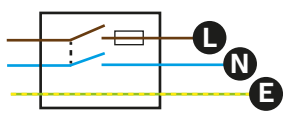
230V AC Double Pole Relay



Wiring Terminals Inside Boiler




Wiring Terminals Inside Boiler

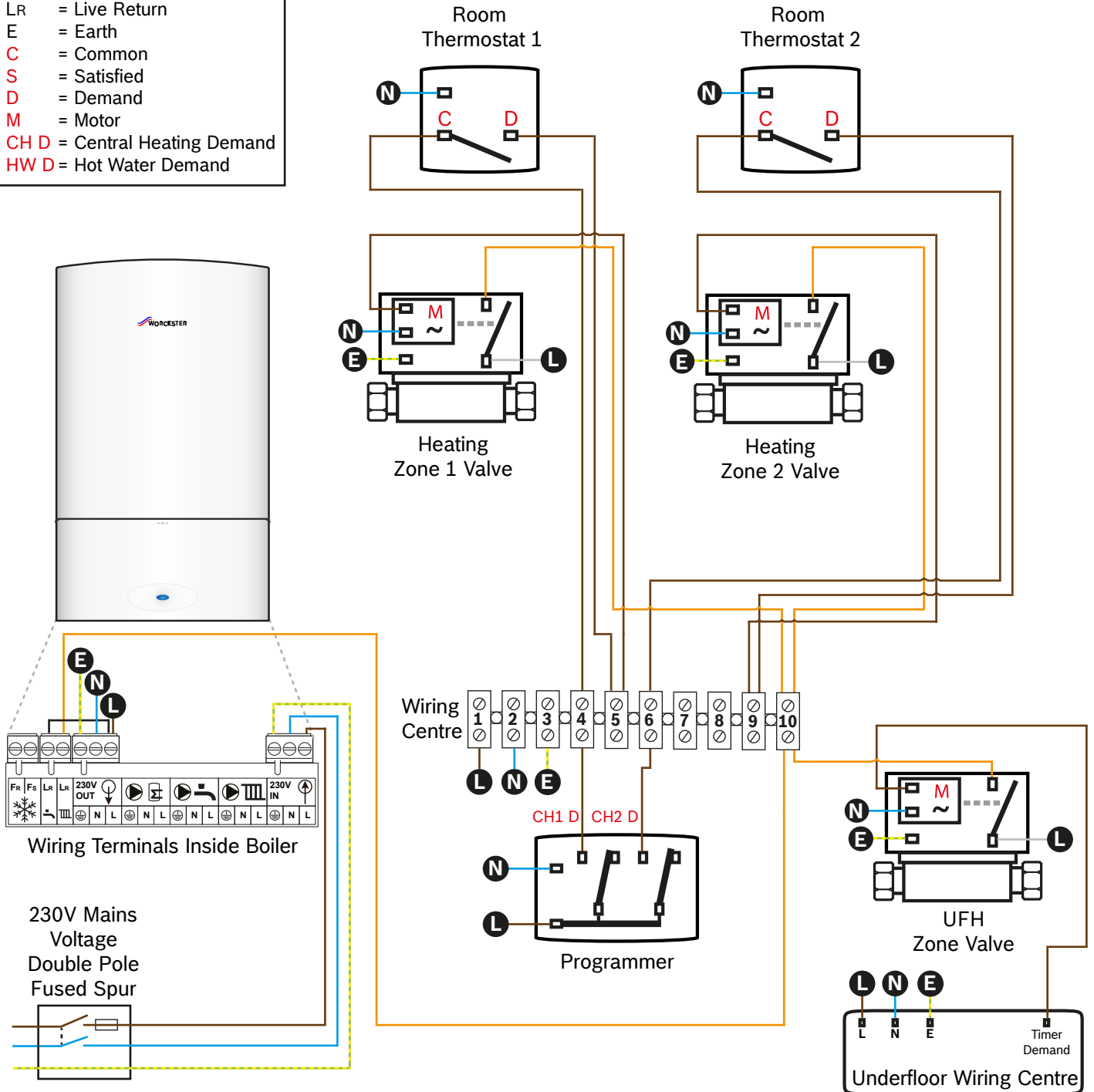


230V Mains Voltage Double Pole Fused Spur

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