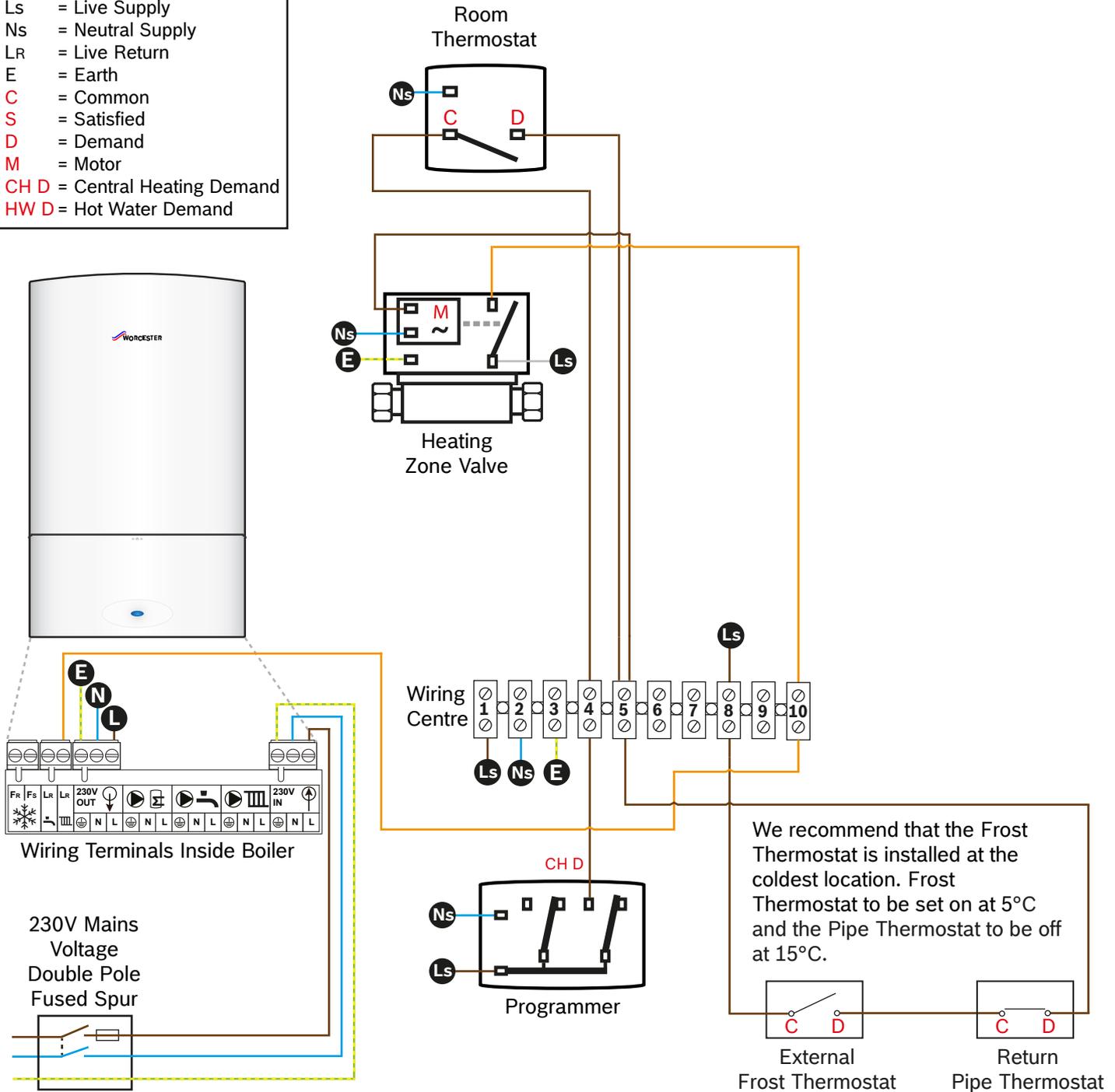


The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:

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

**Legend:**

Lz = Pump Live  
 Nz = Pump Neutral  
 Ls = Live Supply  
 Ns = 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



We recommend that the Frost Thermostat is installed at the coldest location. Frost Thermostat to be set on at 5°C and the Pipe Thermostat to be off at 15°C.

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## 2 Heating Zones

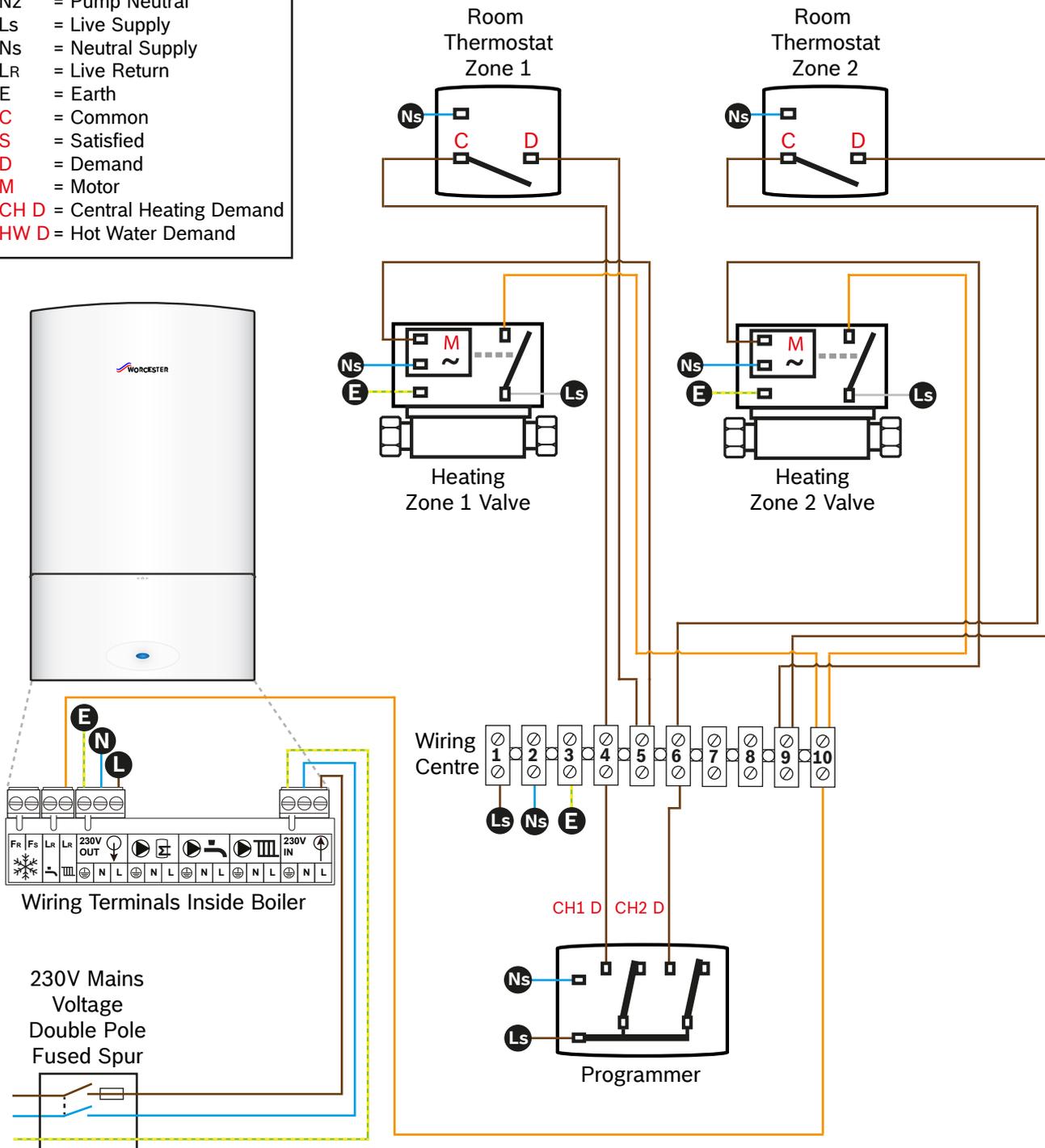
## 2H-R-E

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**Legend:**

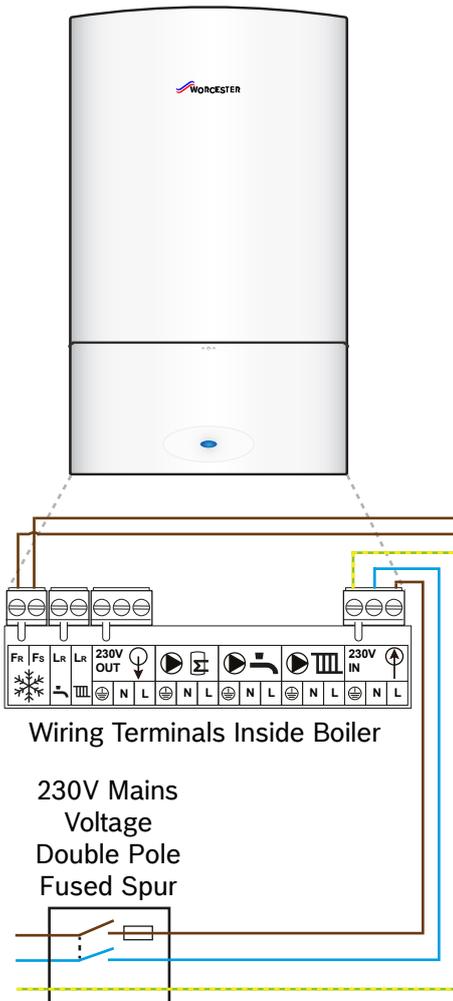
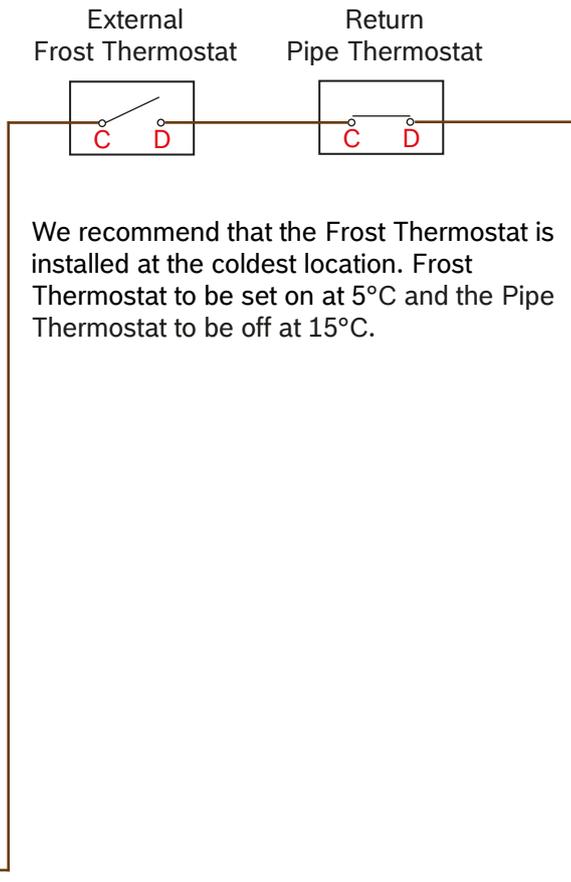
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- C = Common
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 The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:  
**L** LIVE   **N** NEUTRAL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

- Legend:**
- L = Live Supply
  - N = Neutral Supply
  - LR = Live Return
  - 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



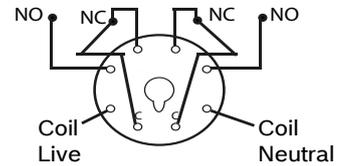
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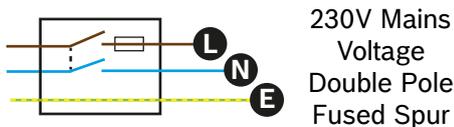
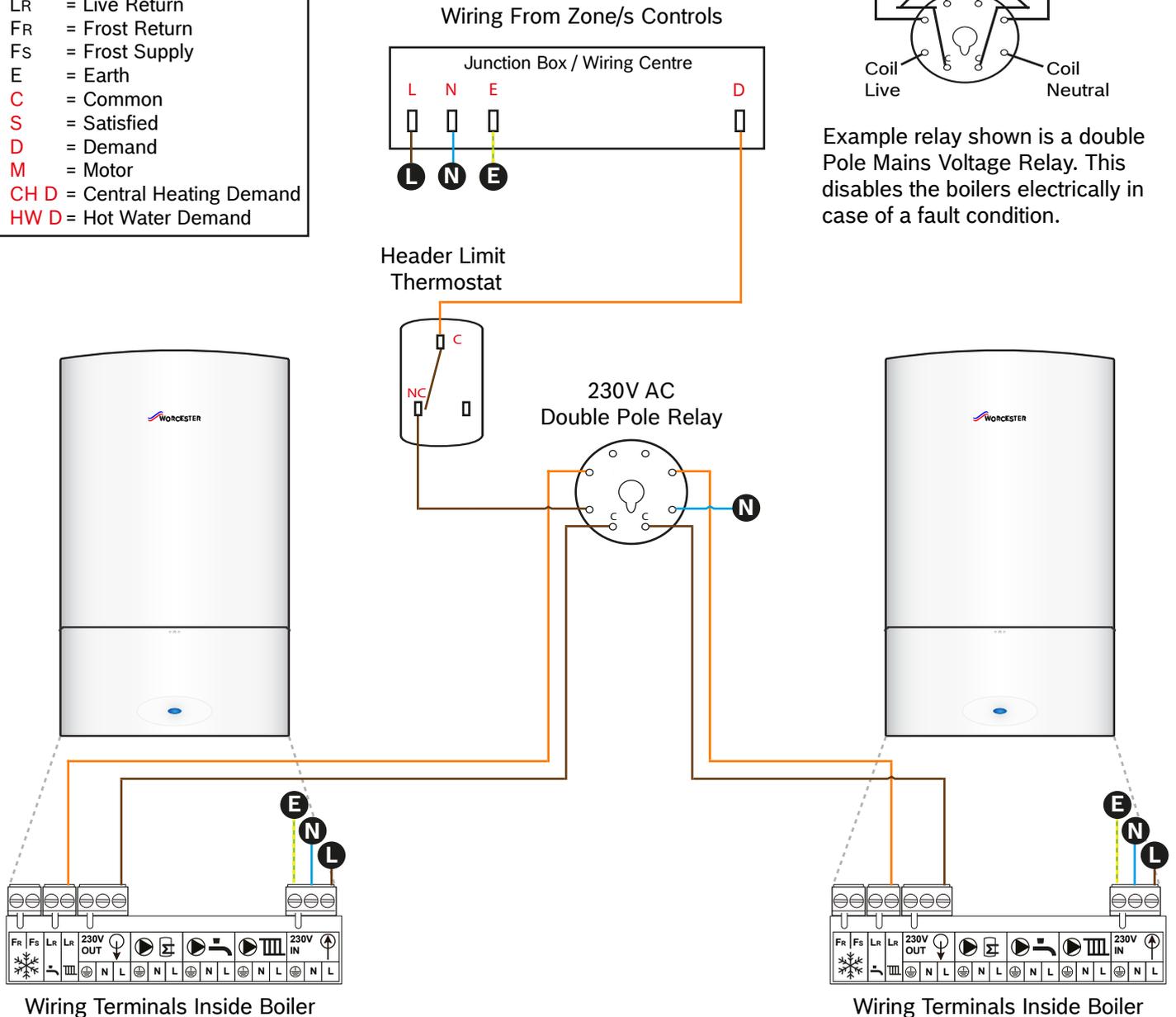
- Legend:**
- L = Live Supply
  - N = Neutral Supply
  - LR = Live Return
  - FR = Frost Return
  - FS = Frost Supply
  - E = Earth
  - C = Common
  - S = Satisfied
  - D = Demand
  - M = Motor
  - CH D = Central Heating Demand
  - HW D = Hot Water Demand

**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.



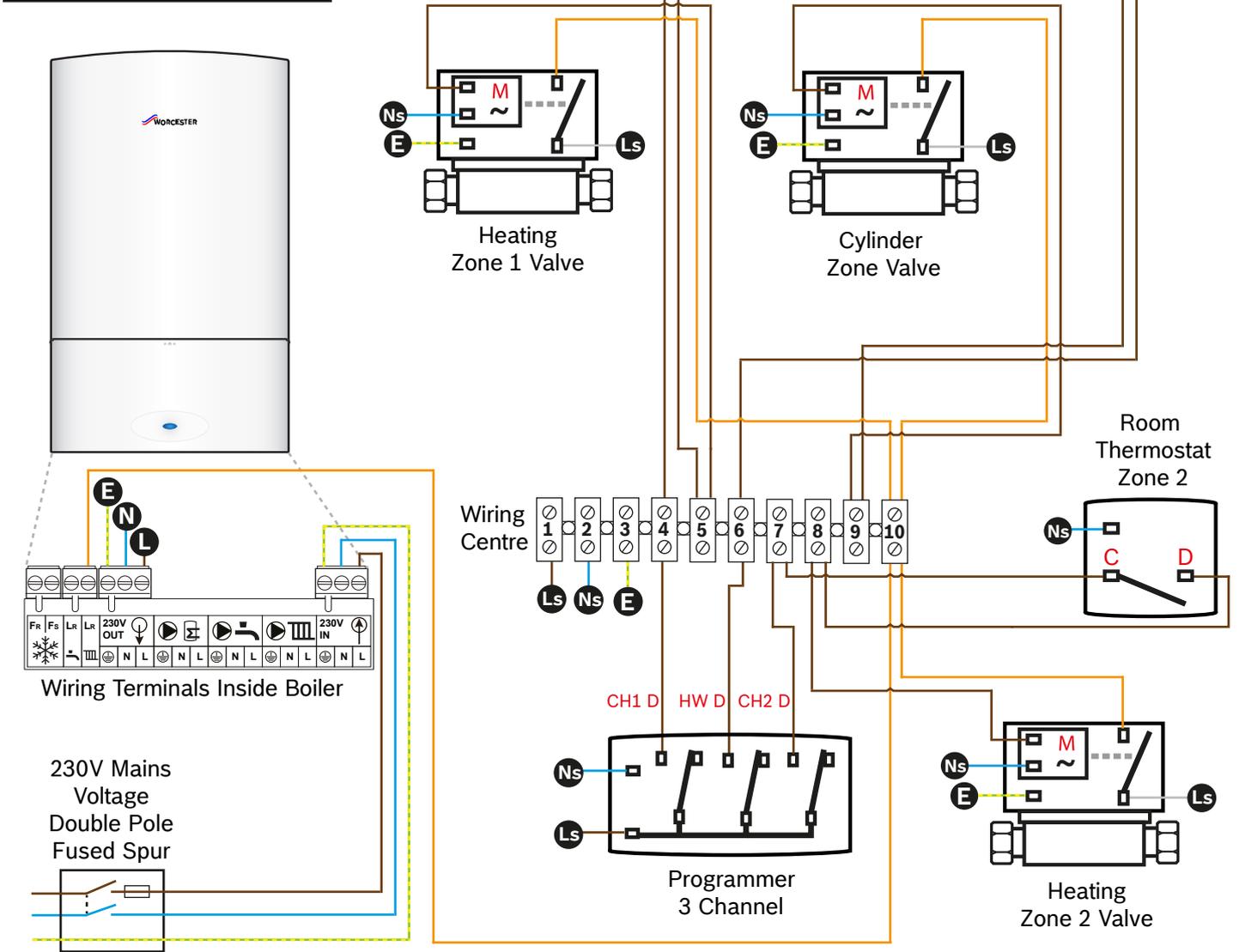
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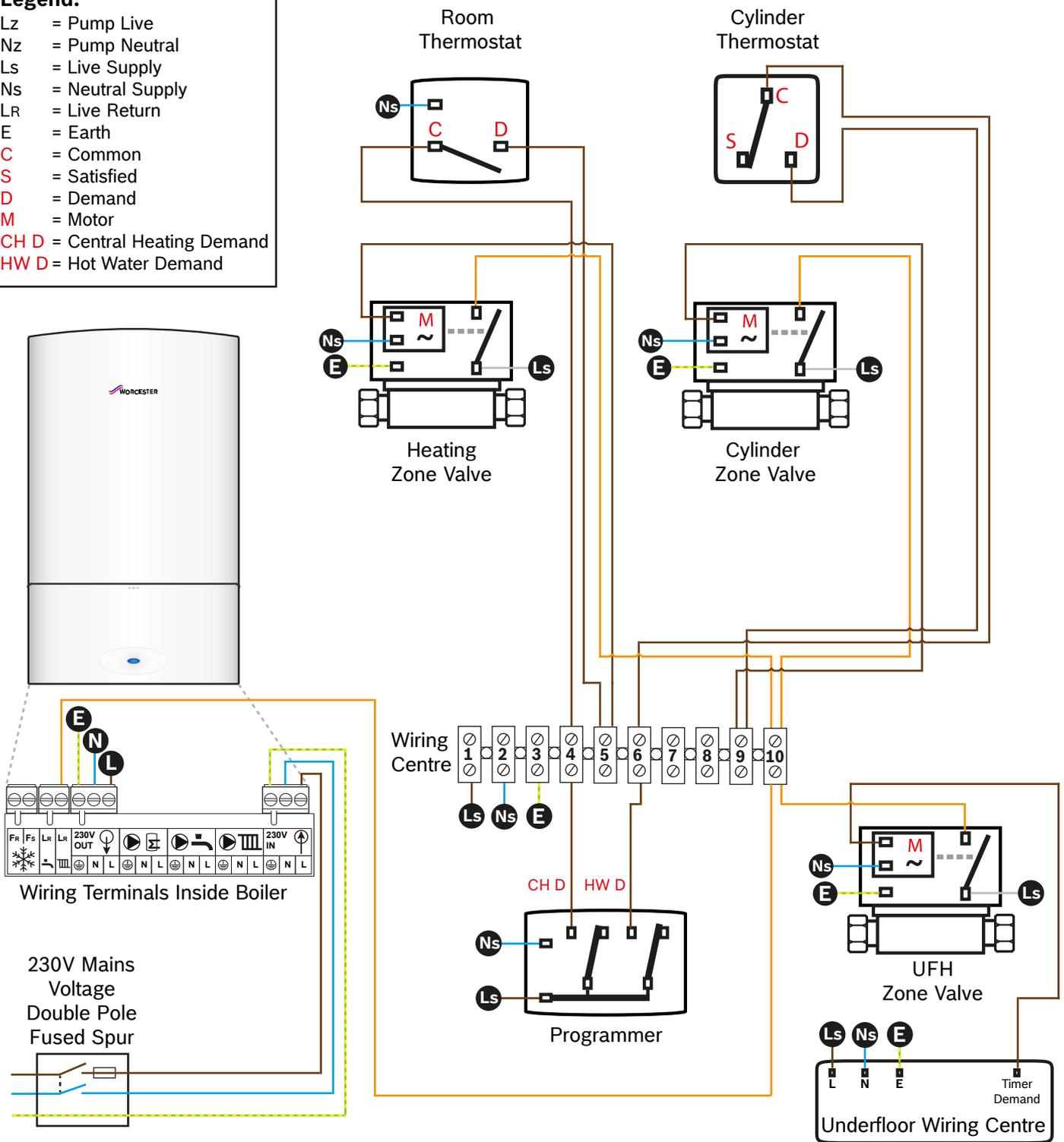
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- HW D = Hot Water Demand



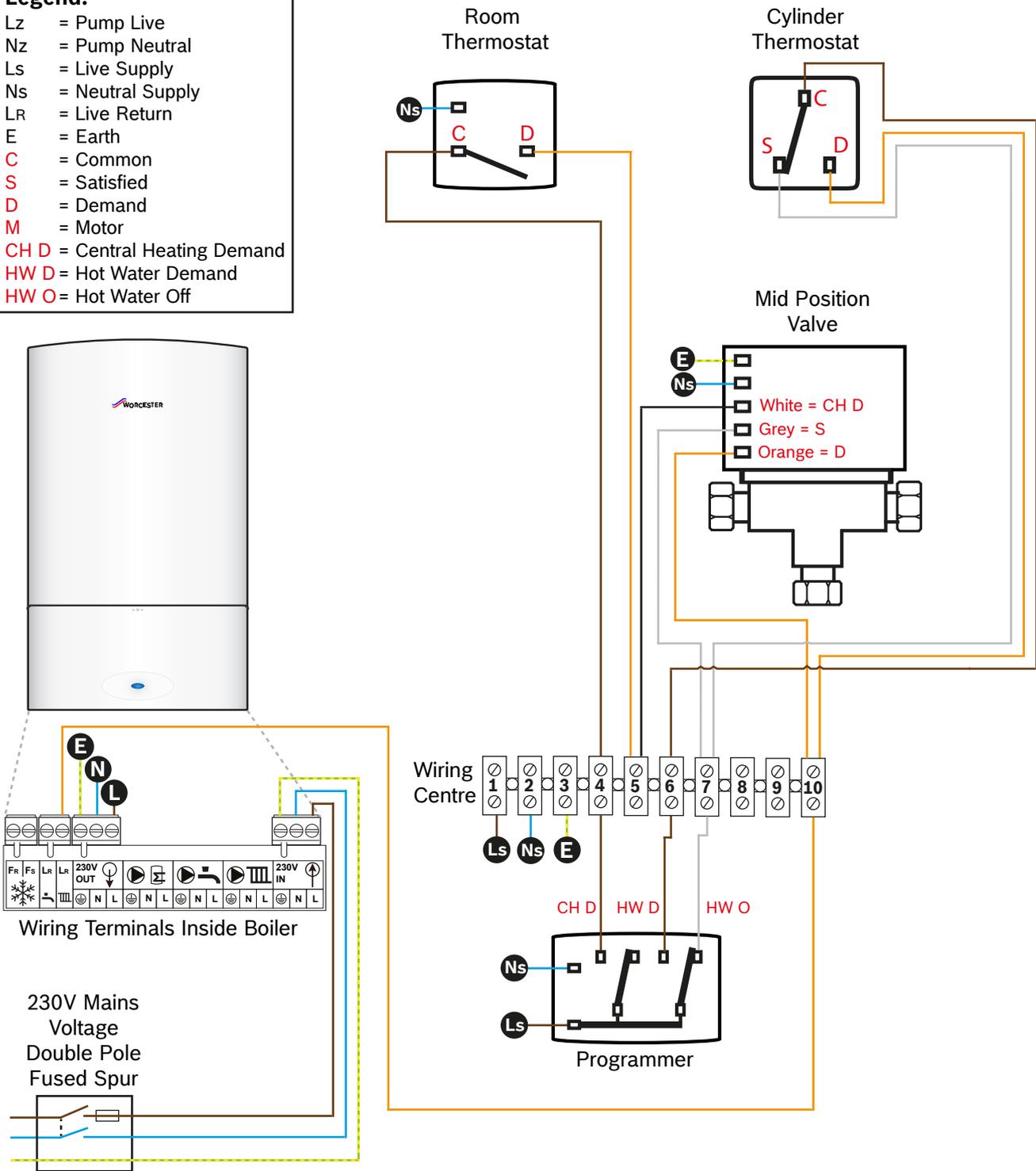
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**Legend:**

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- Nz = Pump Neutral
- Ls = Live Supply
- Ns = 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
- HW O = Hot Water Off



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