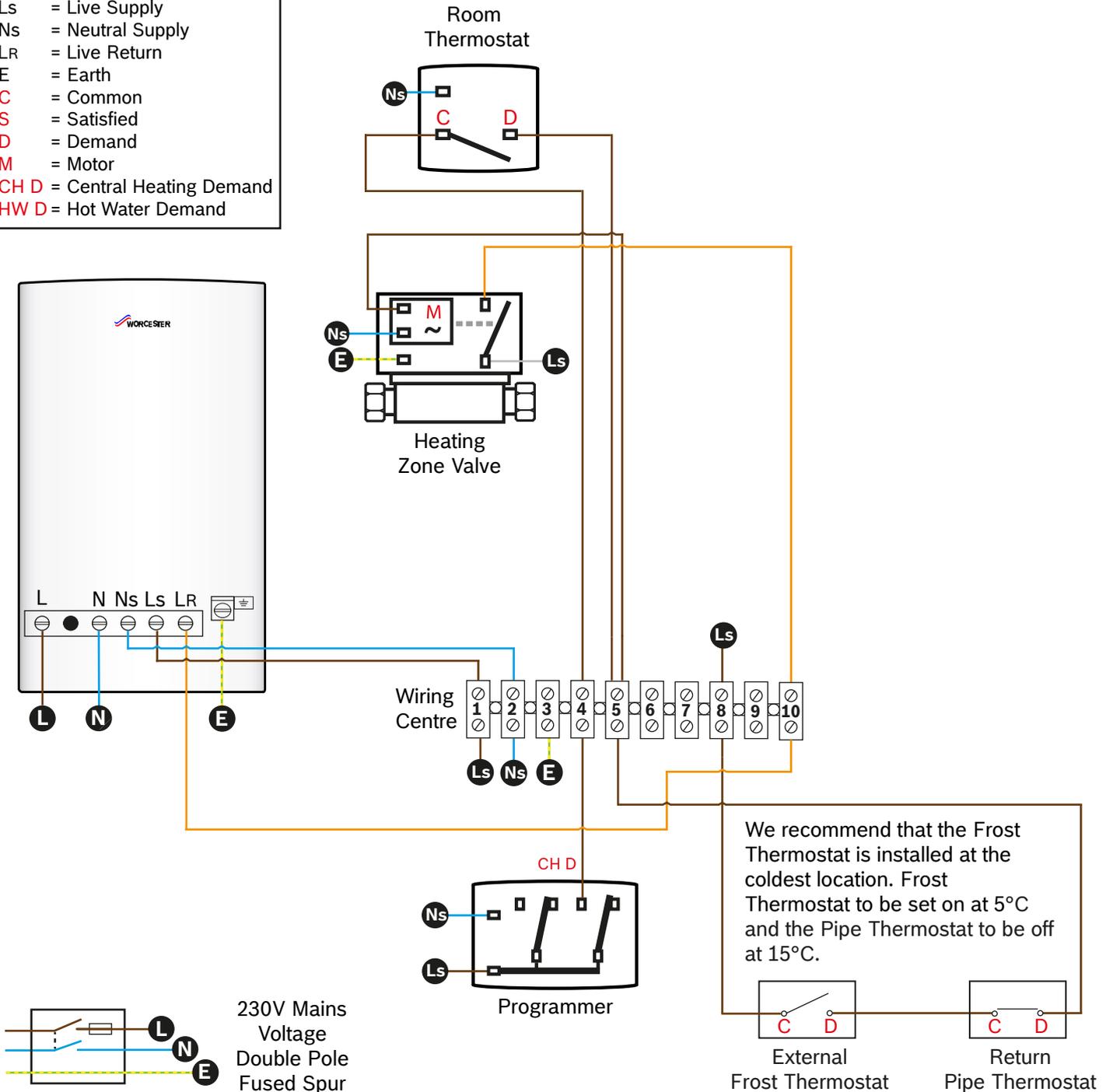


 The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:
L LIVE **N** NEUTRAL **E** EARTH

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

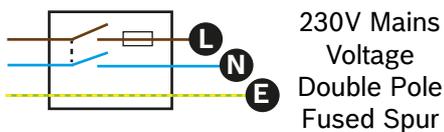
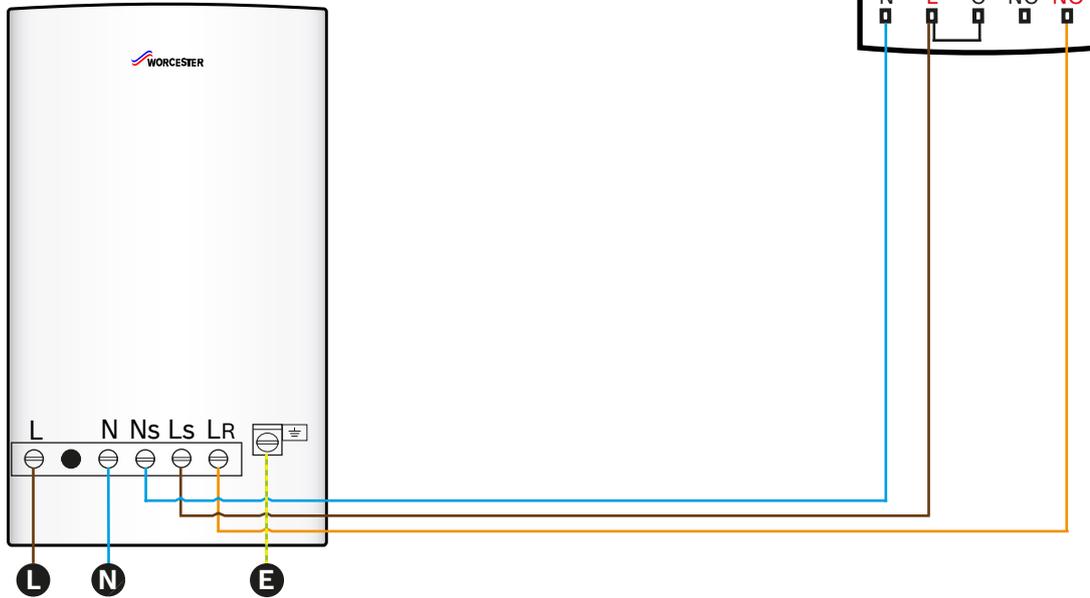


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 Ns = Neutral Supply
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 E = Earth
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 S = Satisfied
 D = Demand
 M = Motor
 CH D = Central Heating Demand
 HW D = Hot Water Demand

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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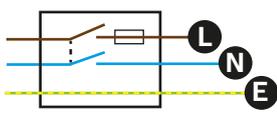
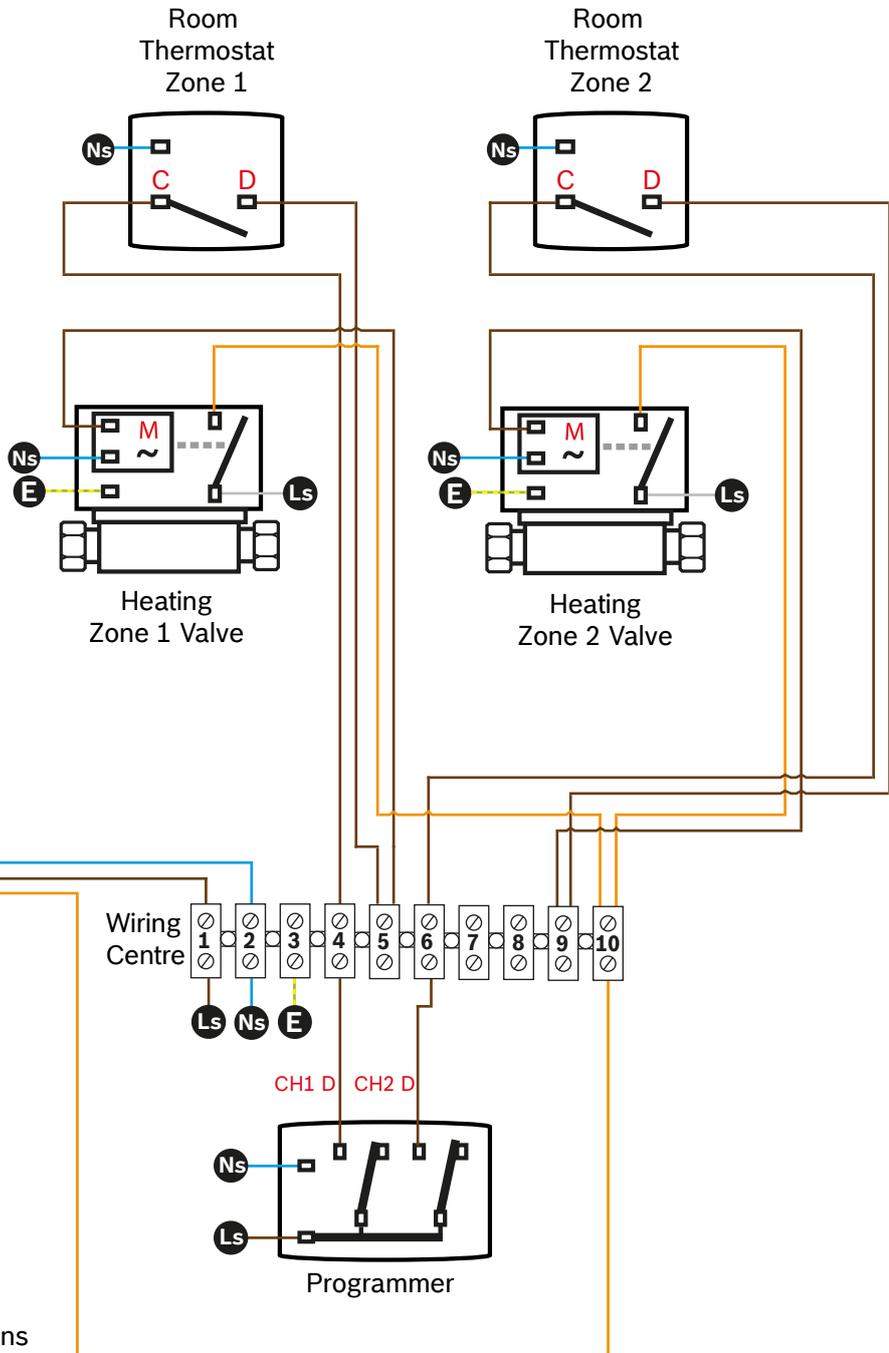
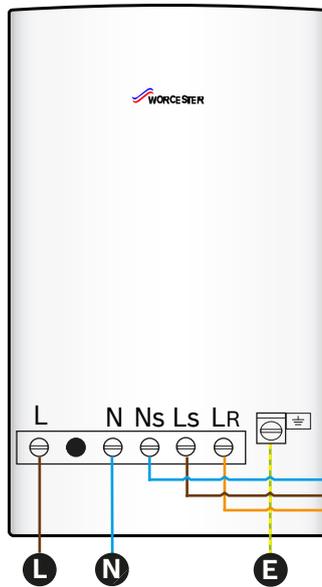
2 Heating Zones

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:

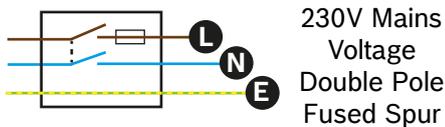
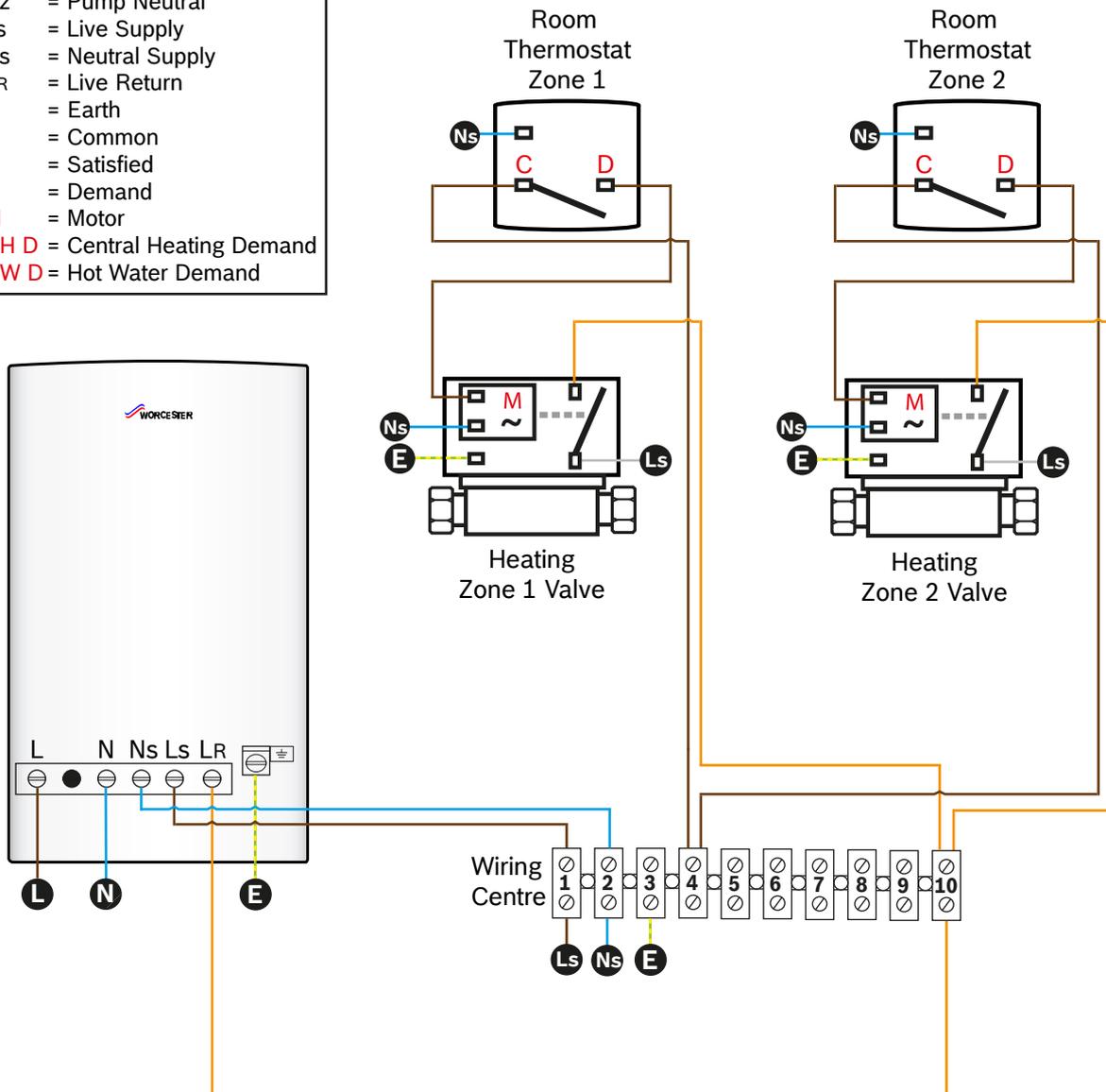
- Lz = Pump Live
- Nz = Pump Neutral
- Ls = Live Supply
- Ns = Neutral Supply
- LR = Live Return
- E = Earth
- C = Common
- S = Satisfied
- D = Demand
- M = Motor
- CH D = Central Heating Demand
- HW D = Hot Water Demand



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

Legend:
 Lz = Pump Live
 Nz = Pump Neutral
 Ls = Live Supply
 Ns = Neutral Supply
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L LIVE **N** NEUTRAL **E** EARTH

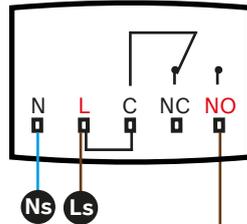
Legend:

- 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

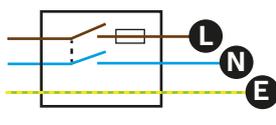
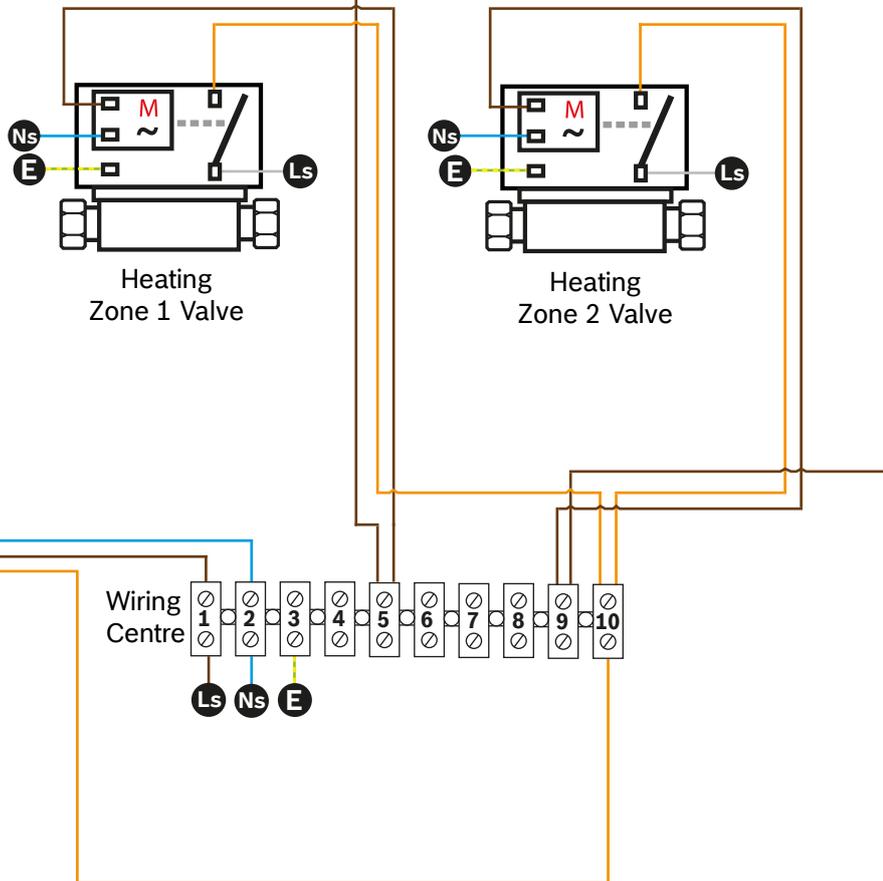
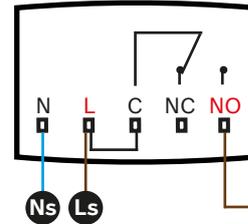
Programmable Thermostat

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



230V Mains Voltage
Double Pole Fused Spur

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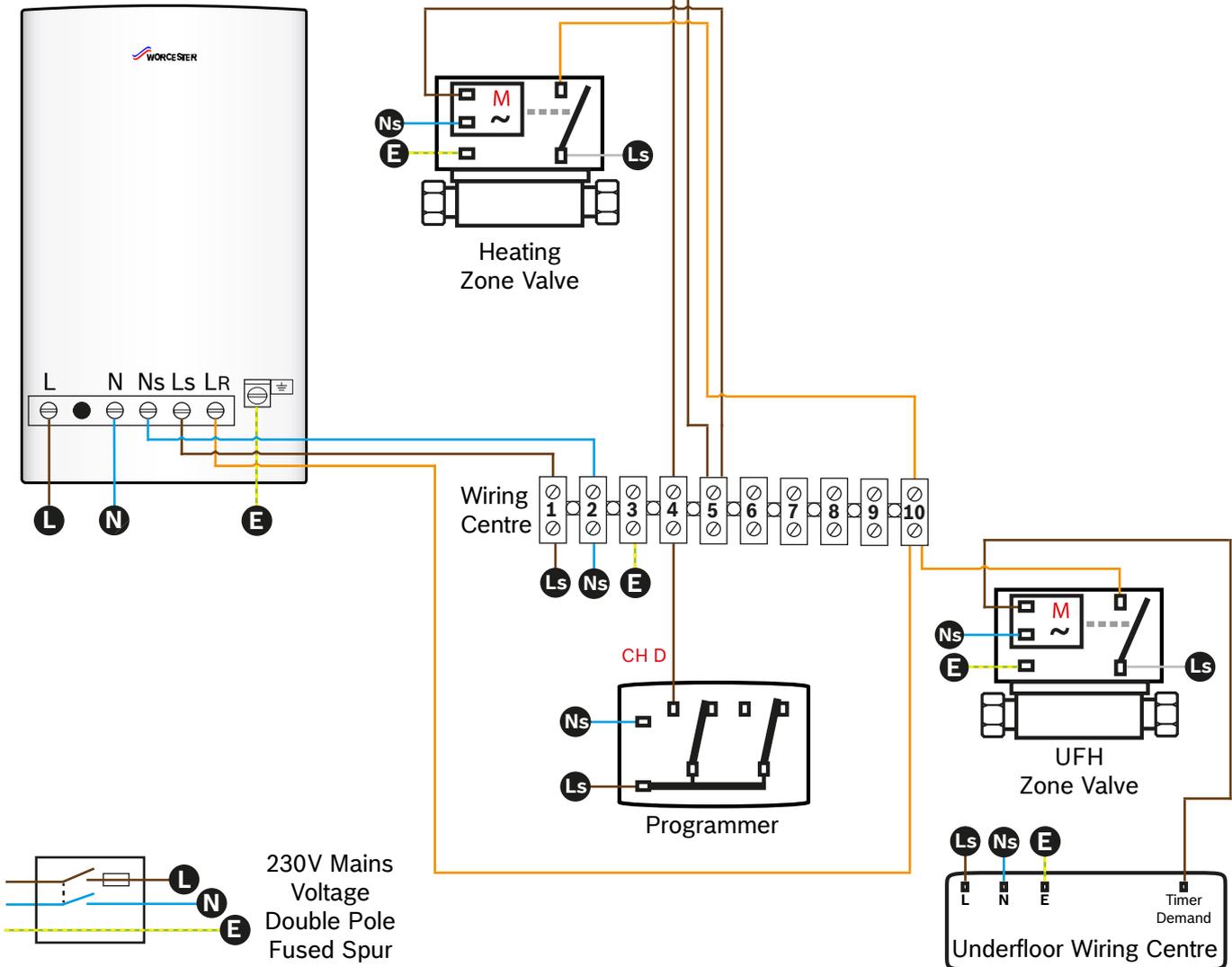


The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:

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

Legend:

- 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
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- HW D = Hot Water Demand



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Frost Protection (to System Bypass)

-----FB

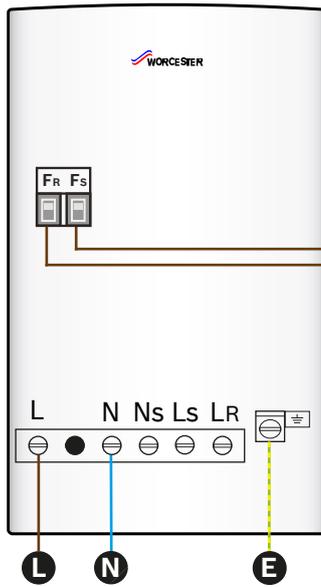
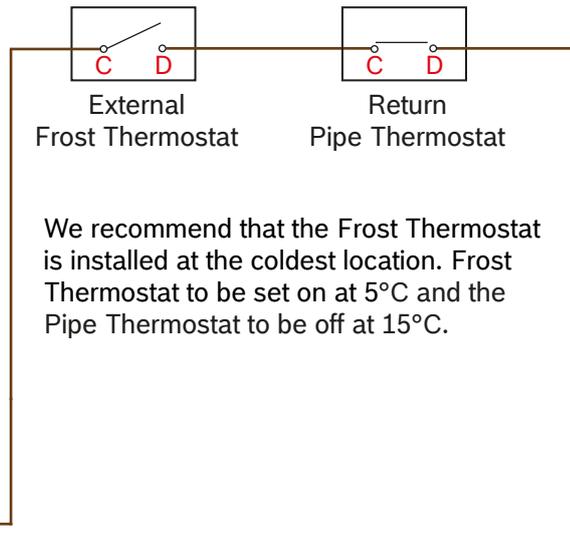


The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:

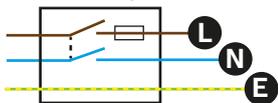
L LIVE **N** NEUTRAL **E** EARTH

Legend:

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



230V Mains
 Voltage
 Double Pole
 Fused Spur



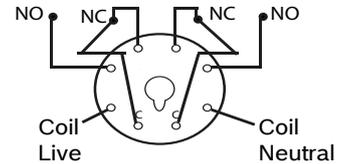
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Legend:
 Lz = Pump Live
 Nz = Pump Neutral
 Ls = Live Supply
 Ns = Neutral Supply
 LR = Live Return
 E = Earth
 NO = Normally Open
 NC = Normally Closed
 C = Common
 S = Satisfied
 D = Demand
 M = Motor
 CH D = Central Heating Demand
 HW D = Hot Water Demand

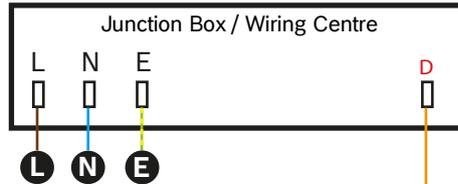
IMPORTANT NOTE:

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

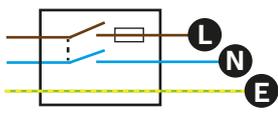
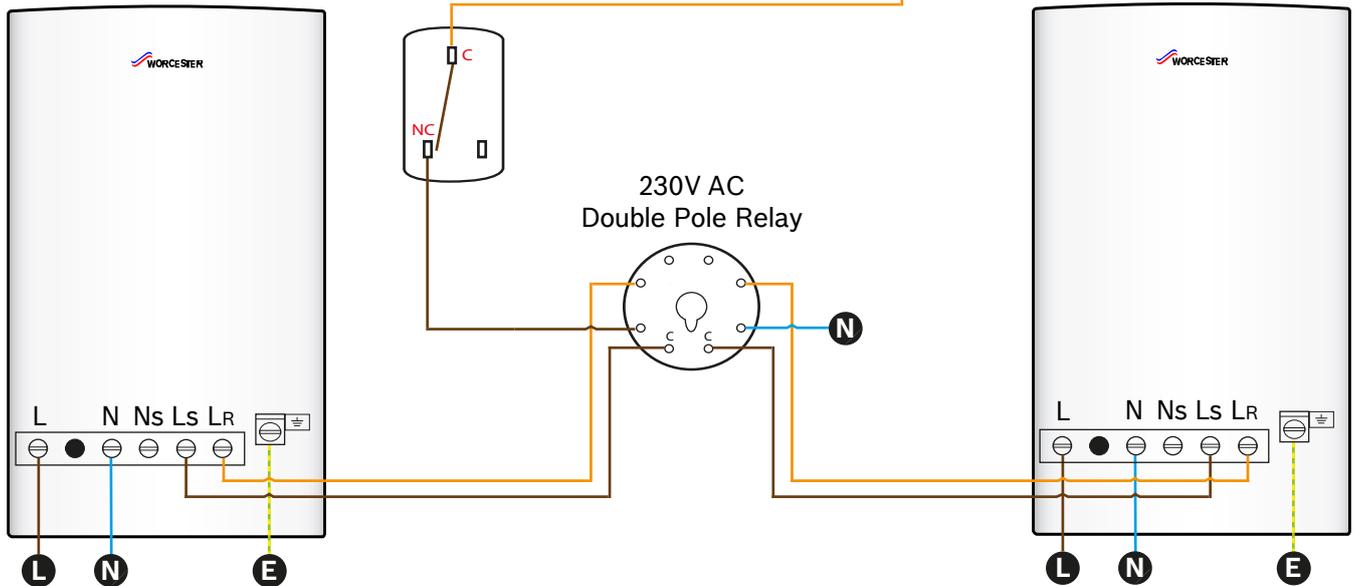


Example relay shown is a double Pole Mains Voltage Relay. This disables the boilers electrically in case of a fault condition.

Wiring From Zone/s Controls



Header Limit Thermostat



230V Mains Voltage Double Pole Fused Spur

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