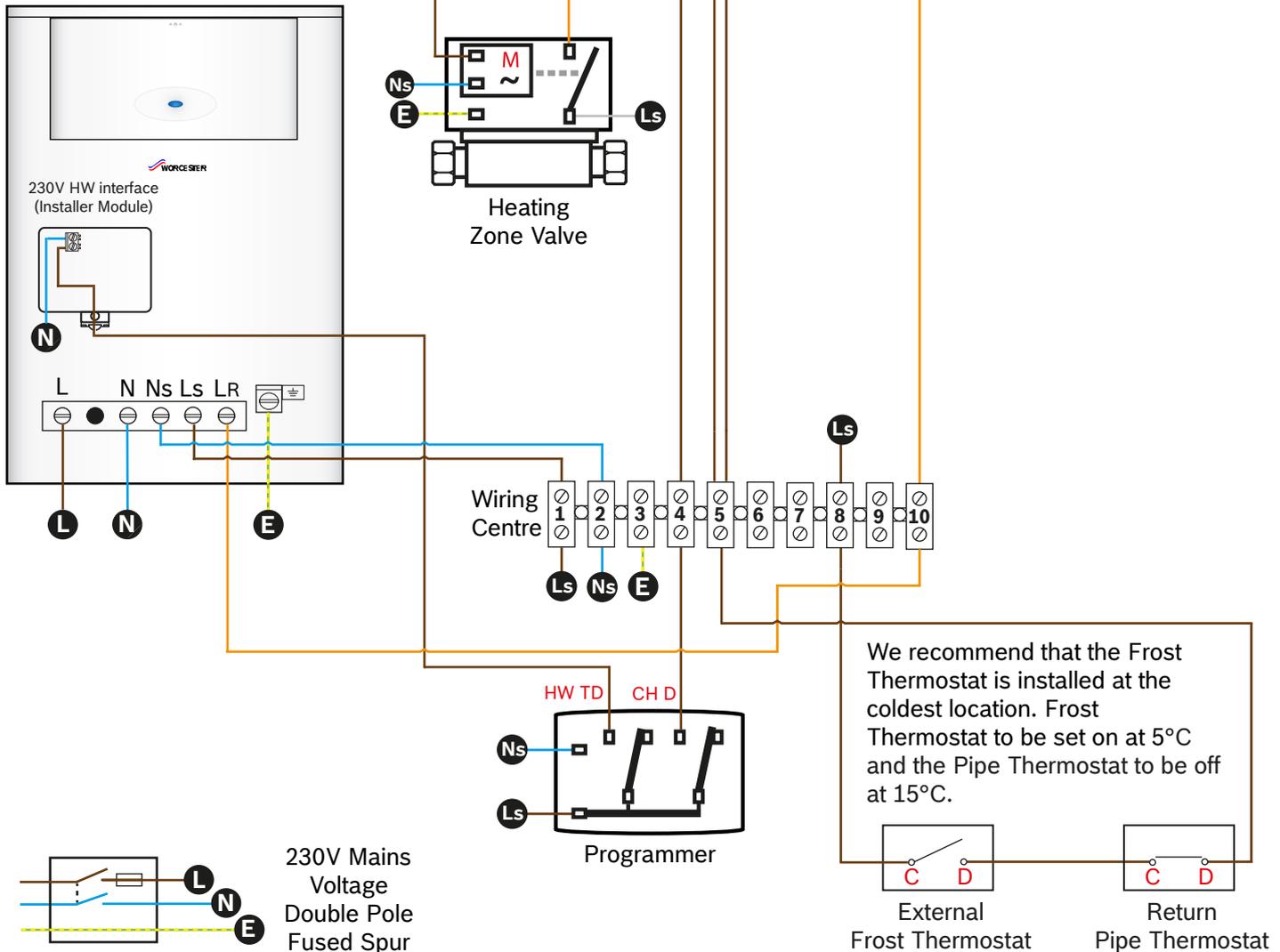


 The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:
L LIVE **N** NEUTRAL **E** EARTH

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 TD = Hot Water Tank Demand

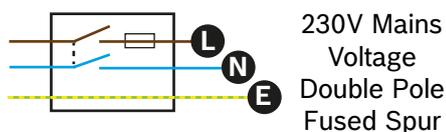
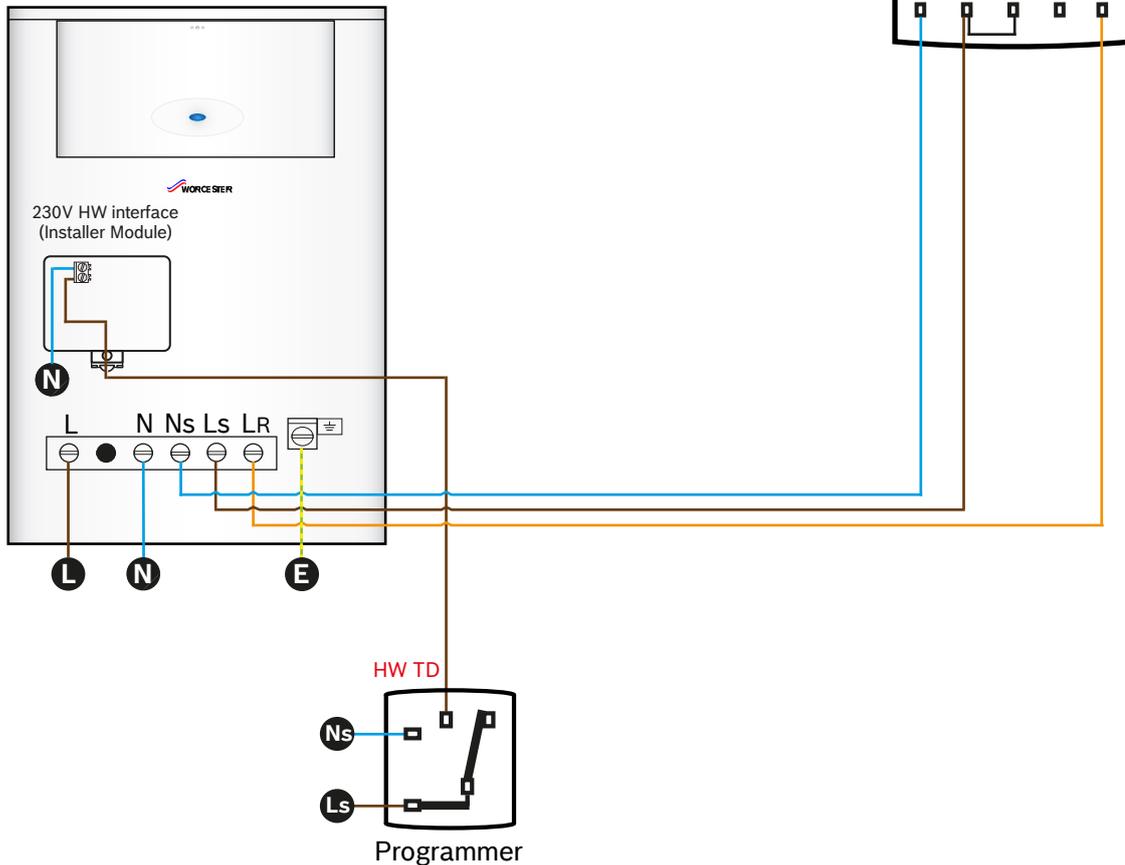


All electrical work should be carried out by a registered engineer. Wiring must comply with the latest IET wiring regulations. Isolate the mains electricity supply before starting any work and observe all relevant safety precautions. Refer to all relevant product installation manuals for safety and installation instructions. Whilst it is always our intention to fully assist, it is essential to recognise that all information given by the company is provided in good faith and based upon the information available. Connection labels may not match those of the products installed on site. We recommend that advice should always be checked with your installer, electrician or the manufacturer of the product in question. Consequently, the company cannot be held responsible for any liability relating to the use or repetition of such information or part thereof. In addition, whilst making every reasonable effort to monitor the performance and quality of our supply, installation and service network, we do not accept responsibility for the workmanship or operation of any third party company.

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D = Demand
M = Motor
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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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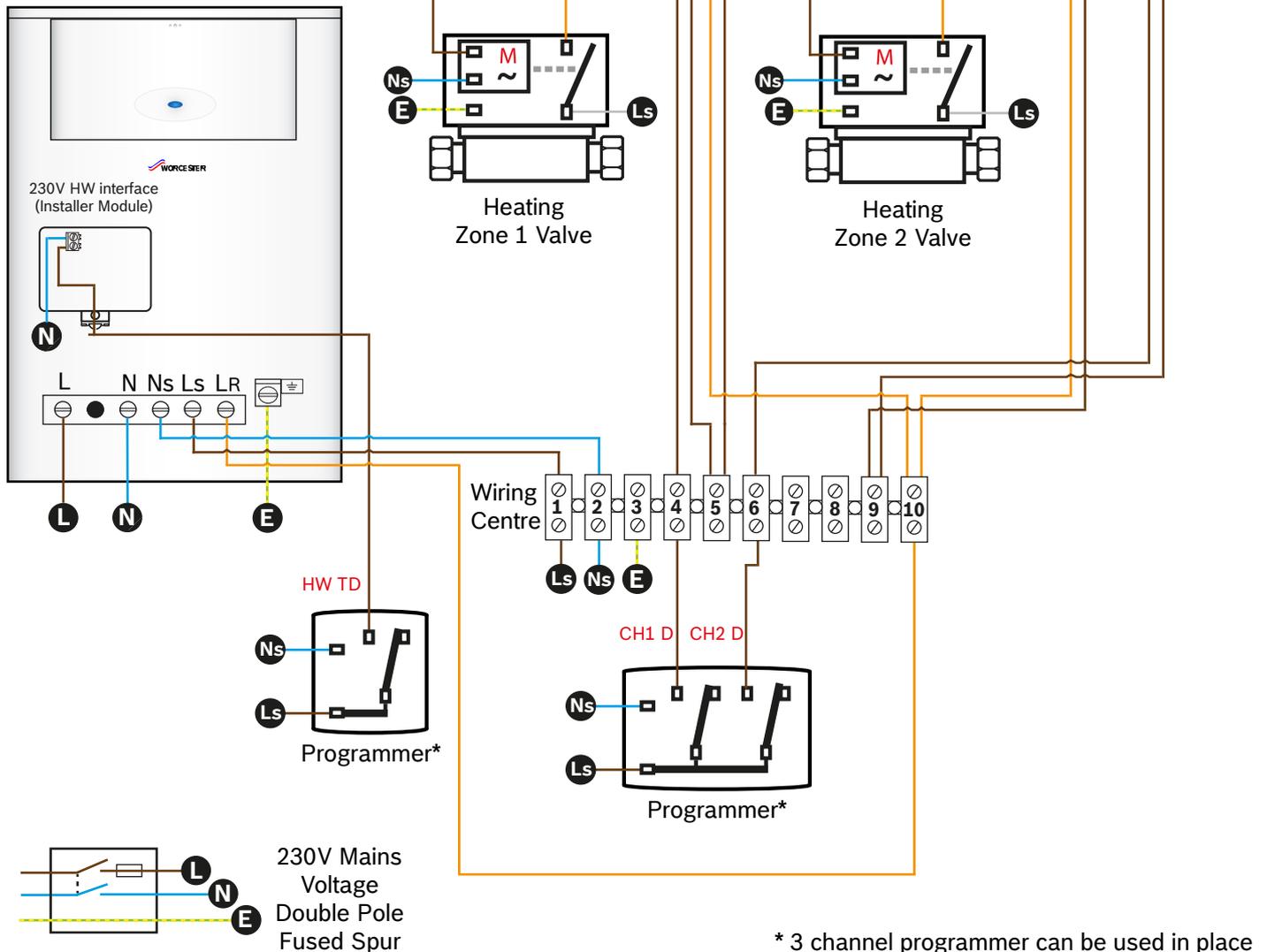
2 Heating Zones

2H-R-E

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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 TD = Hot Water Tank Demand



* 3 channel programmer can be used in place

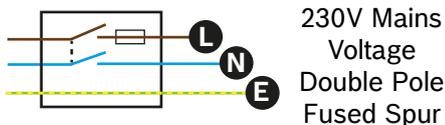
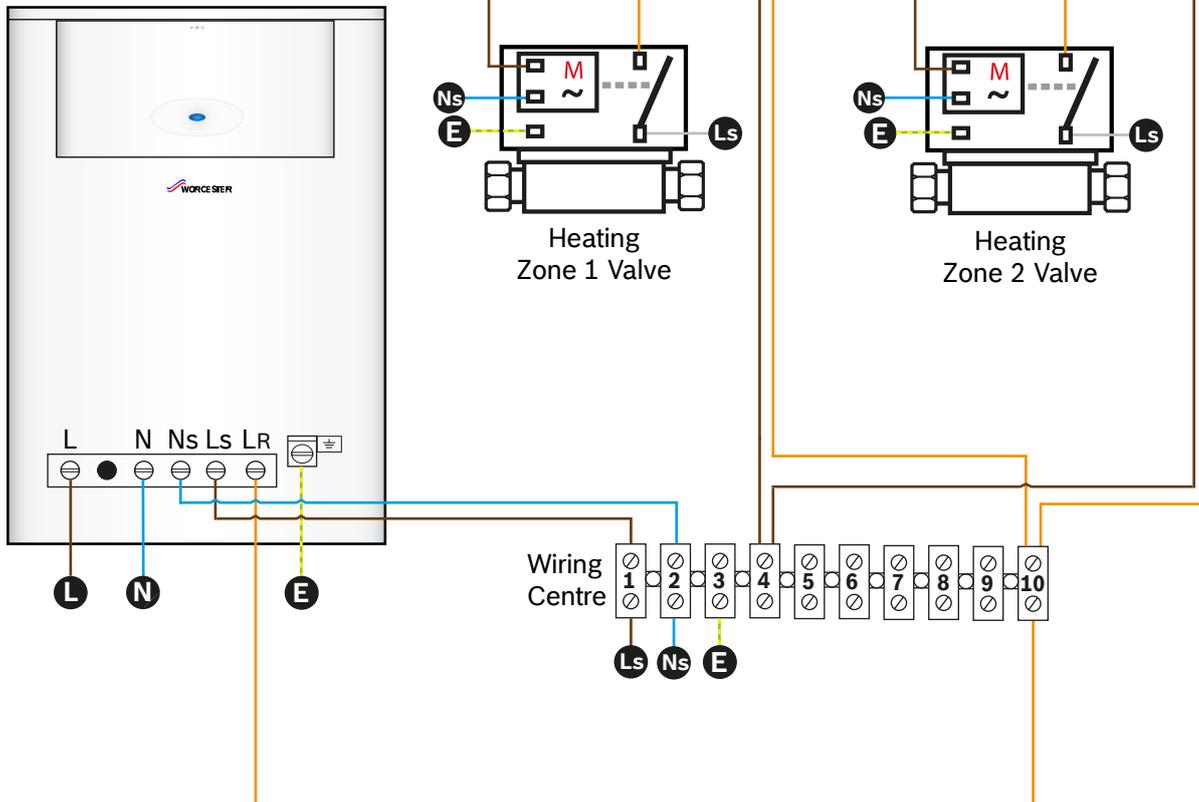
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L LIVE **N** NEUTRAL **E** EARTH

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 TD = Hot Water Tank Demand



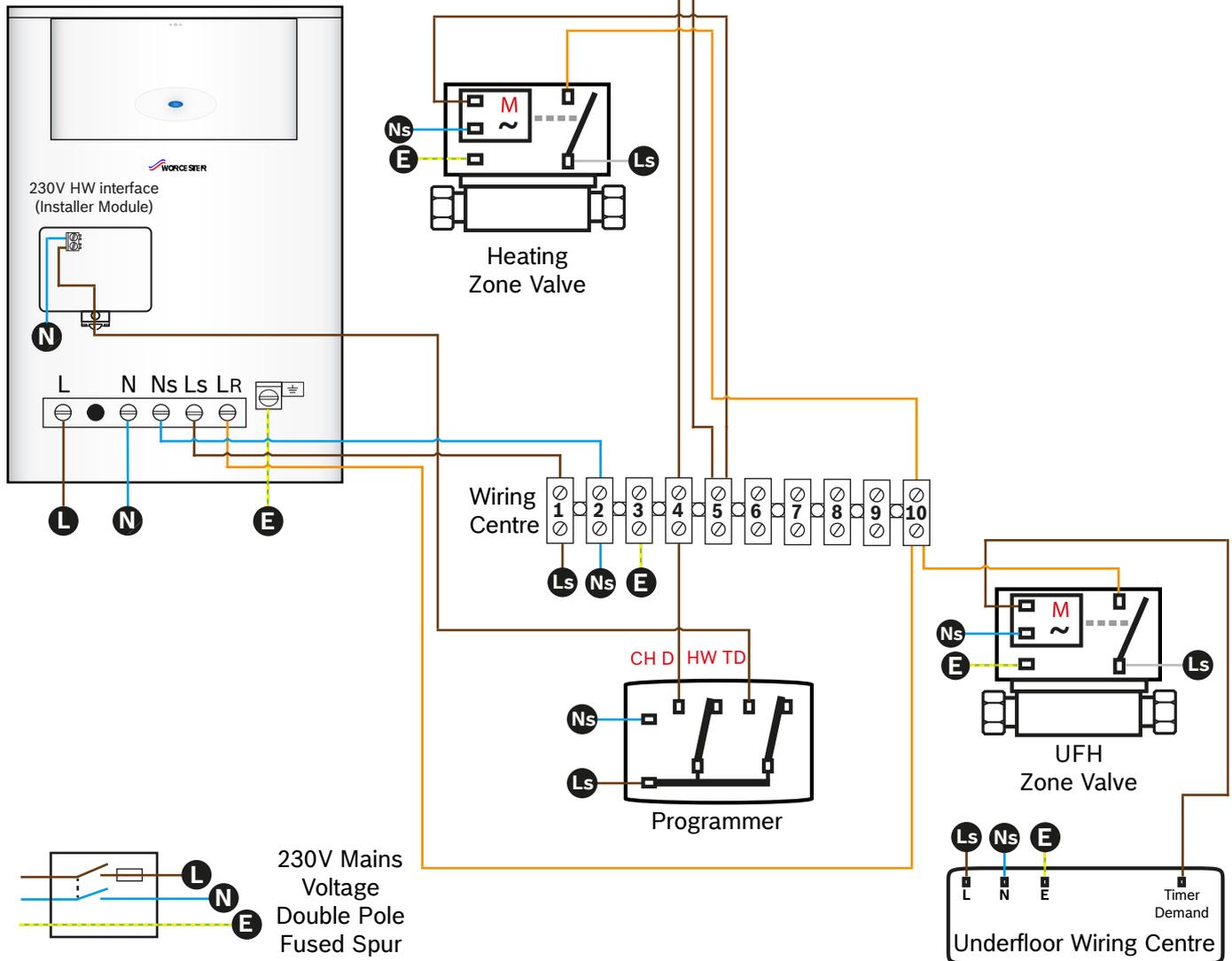
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L LIVE **N** NEUTRAL **E** EARTH

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 TD = Hot Water Tank Demand

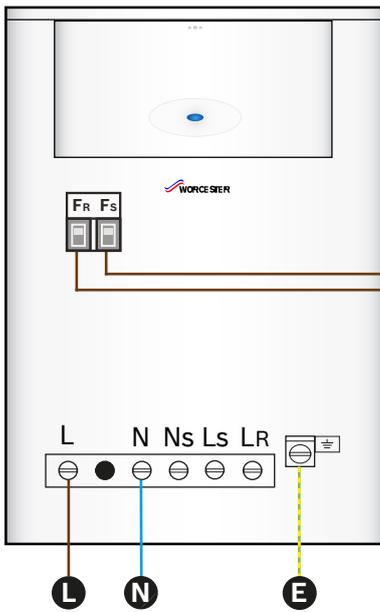
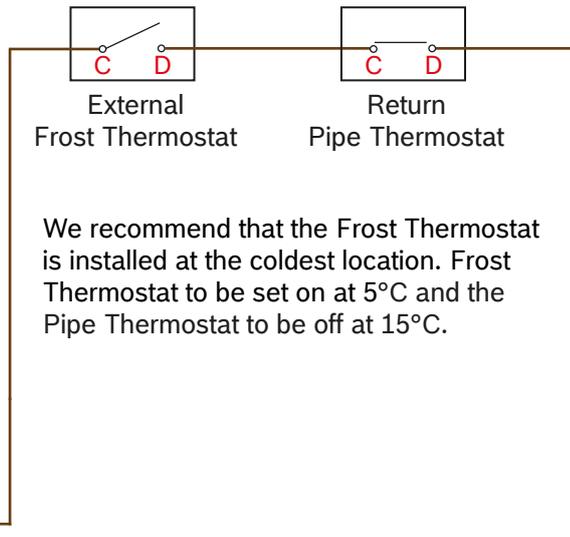


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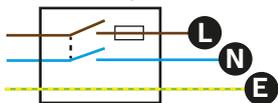
Frost Protection (to System Bypass)

 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:
 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 TD = Hot Water Tank Demand



230V Mains
Voltage
Double Pole
Fused Spur



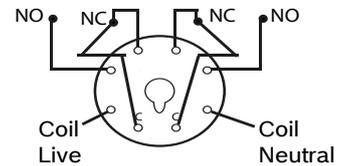
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L LIVE **N** NEUTRAL **E** EARTH

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

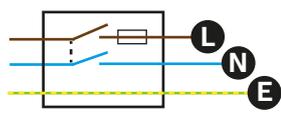
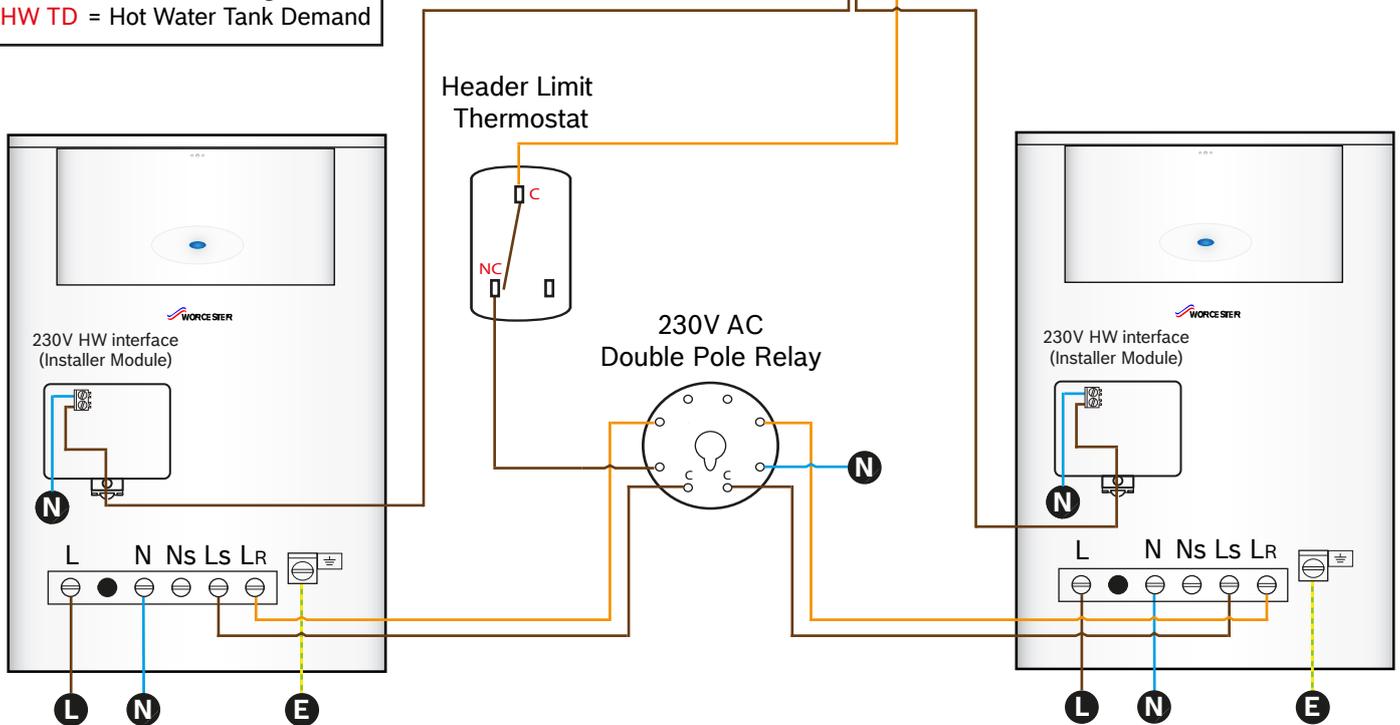
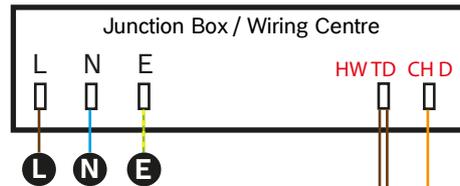
IMPORTANT NOTE:

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



230V Mains Voltage Double Pole Fused Spur

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