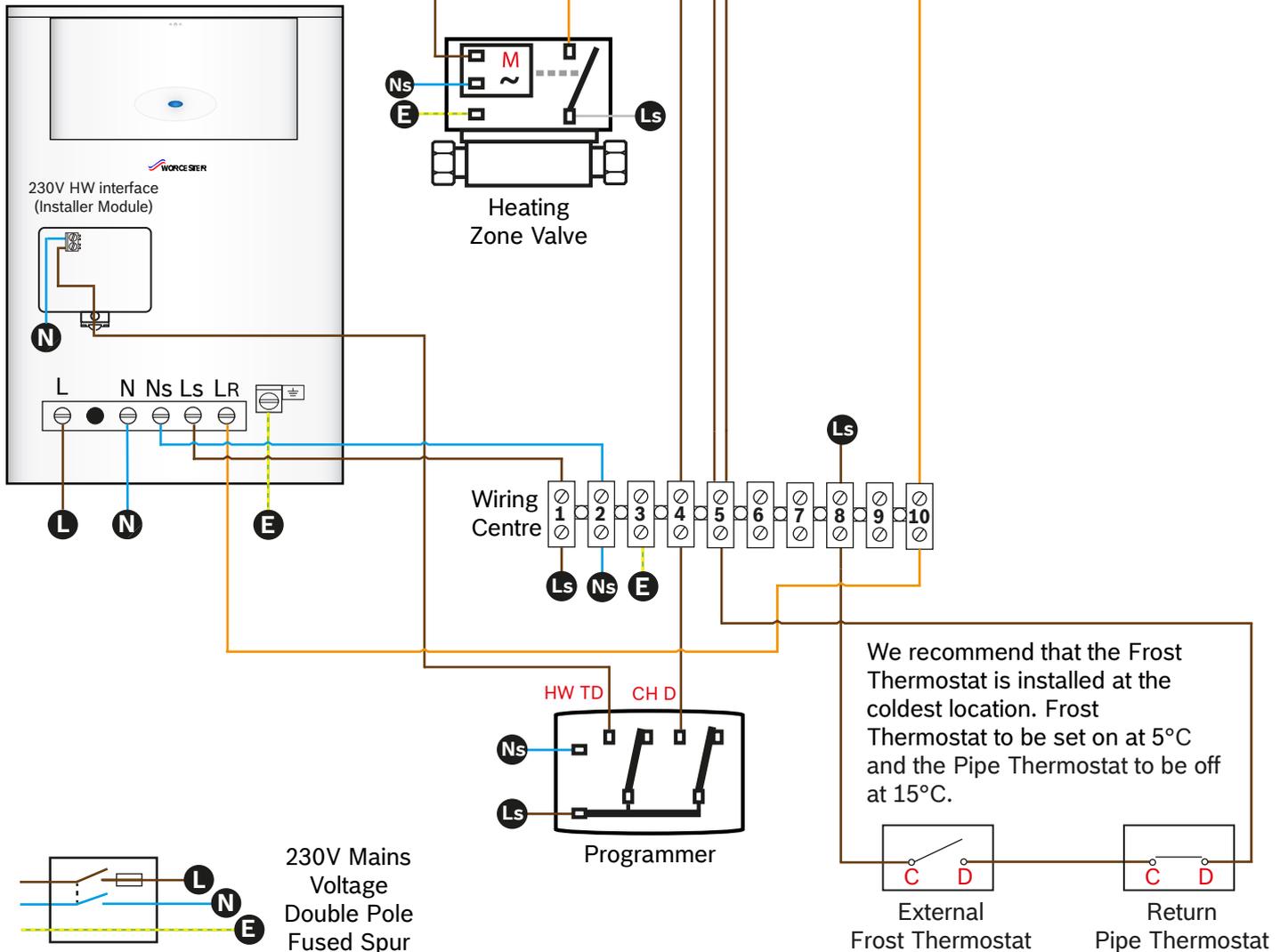


 The following labels and those like them are used to denote generic connections (such as the live supply to components) in order to simplify the diagram:
L LIVE **N** NEUTRAL **E** EARTH

- 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



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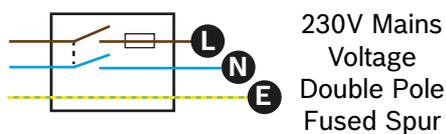
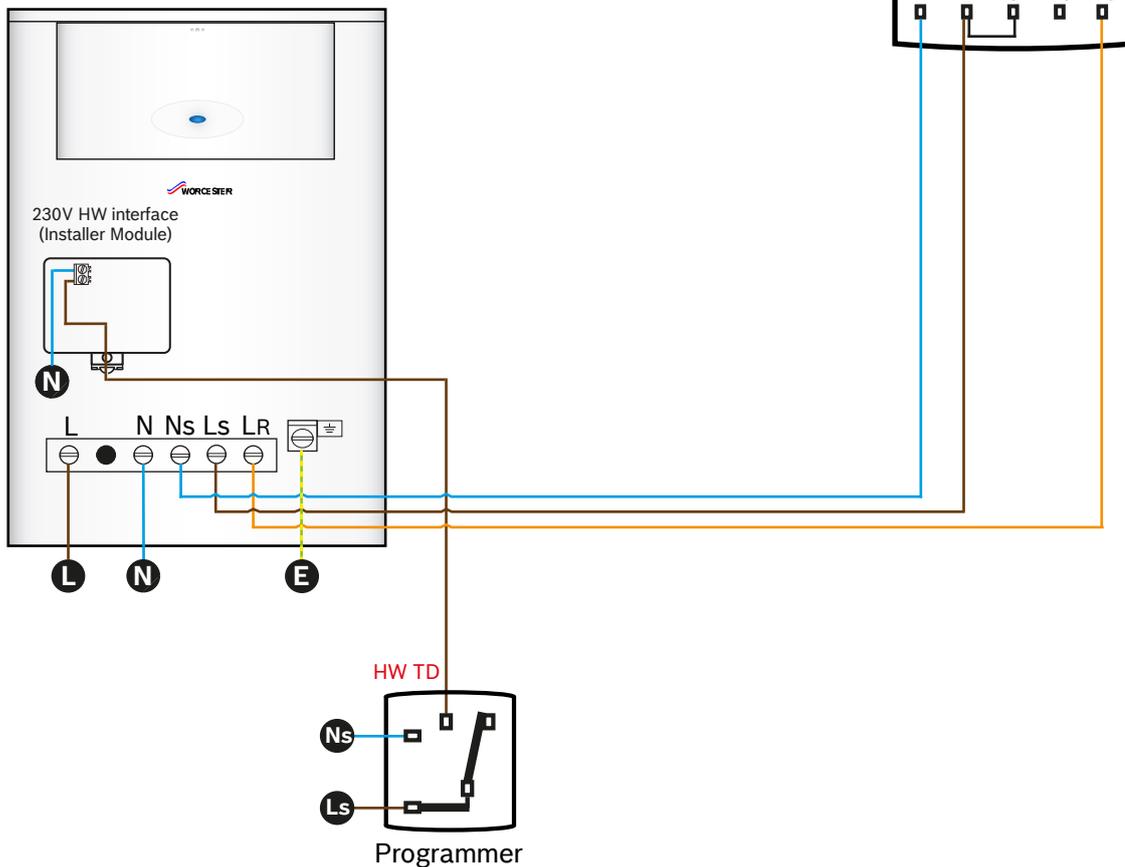
L LIVE **N** NEUTRAL **E** EARTH

Legend:

Lz = Pump Live
 Nz = Pump Neutral
 Ls = Live Supply
 Ns = Neutral Supply
 LR = Live Return
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 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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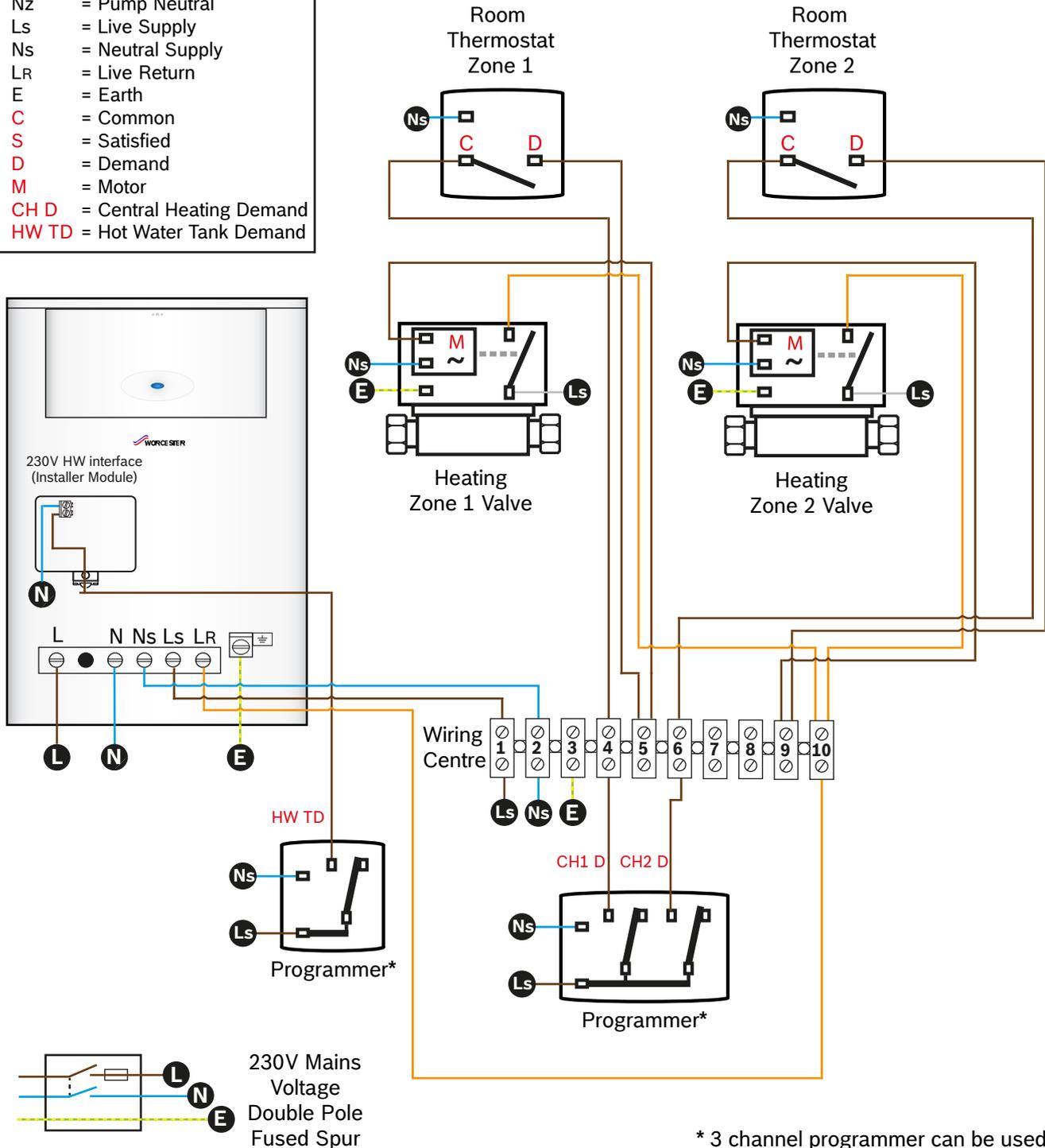
2 Heating Zones

2H-R-E

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Legend:

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* 3 channel programmer can be used in place

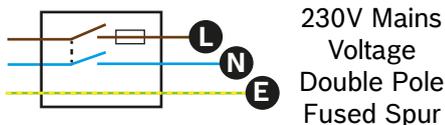
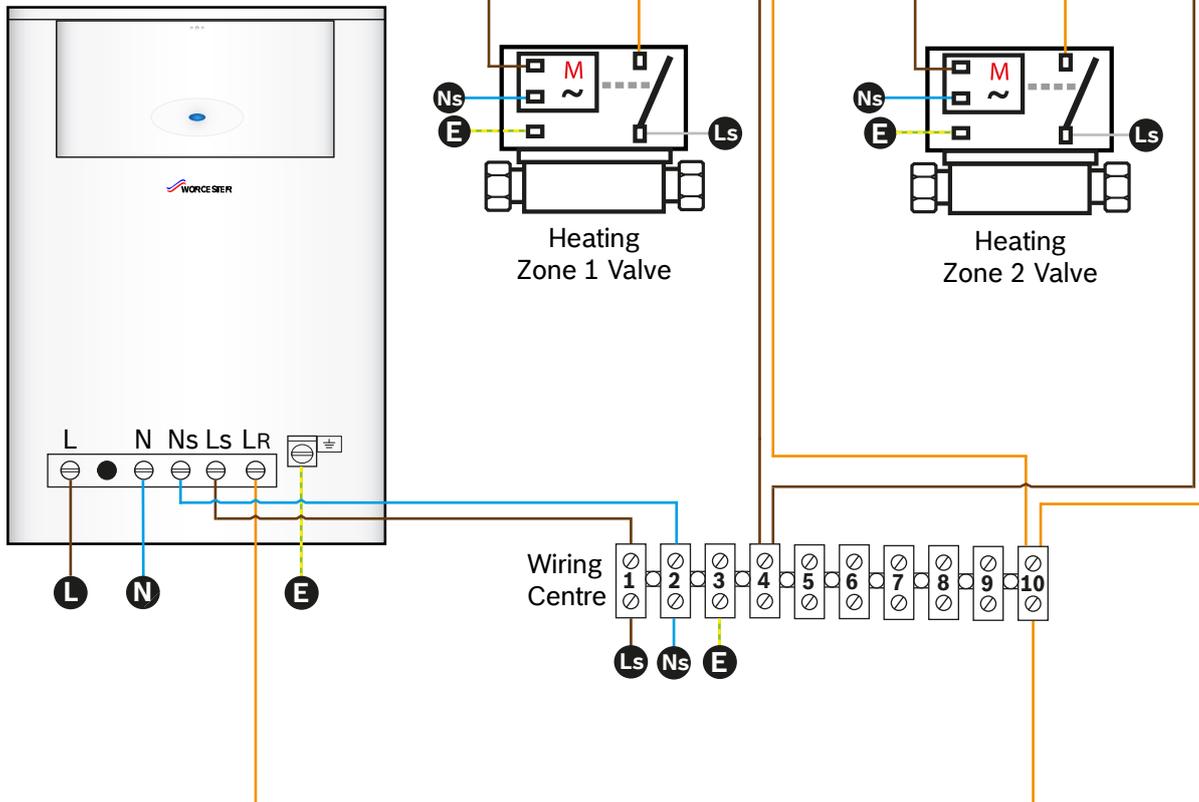
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L LIVE **N** NEUTRAL **E** EARTH

Legend:

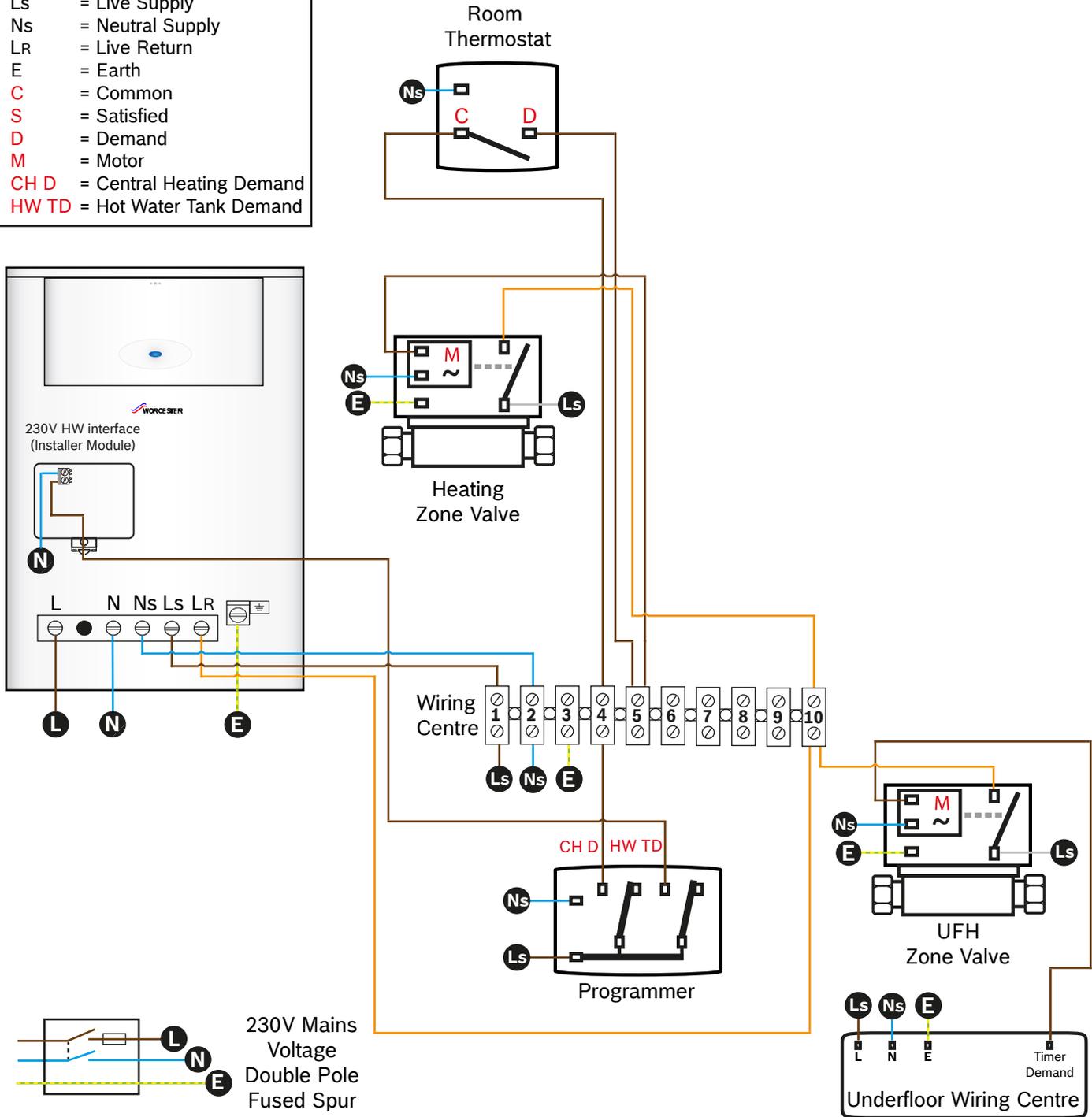
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- LR = Live Return
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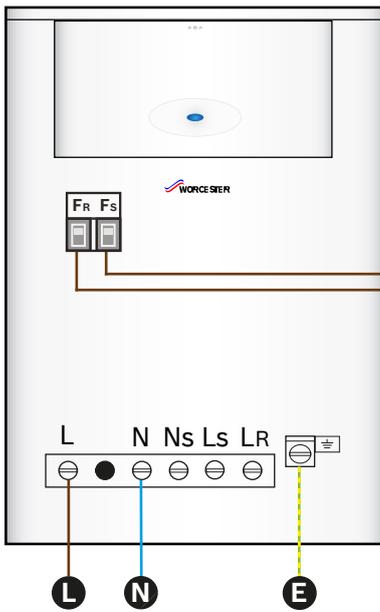
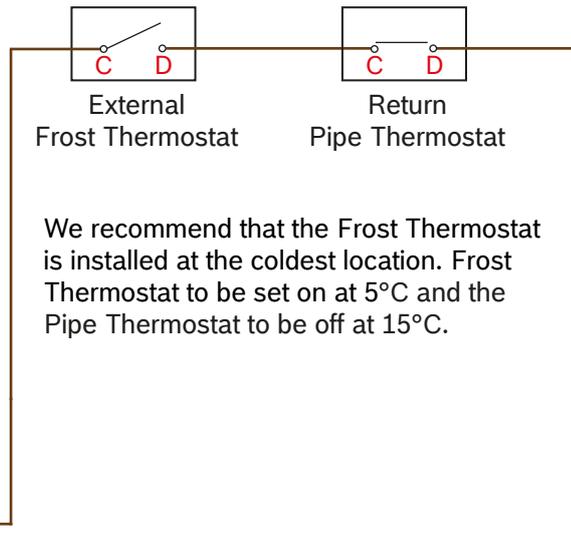
Legend:
Lz = Pump Live
Nz = Pump Neutral
Ls = Live Supply
Ns = Neutral Supply
LR = Live Return
E = Earth
C = Common
S = Satisfied
D = Demand
M = Motor
CH D = Central Heating Demand
HW TD = Hot Water Tank Demand



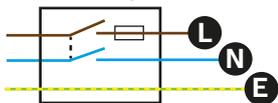
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230V Mains
Voltage
Double Pole
Fused Spur



All electrical work should be carried out by a registered engineer. Wiring must comply with the latest IET wiring regulations.
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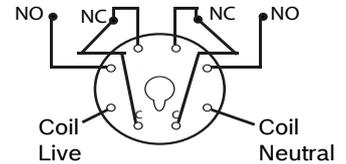
L LIVE **N** NEUTRAL **E** EARTH

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

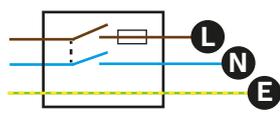
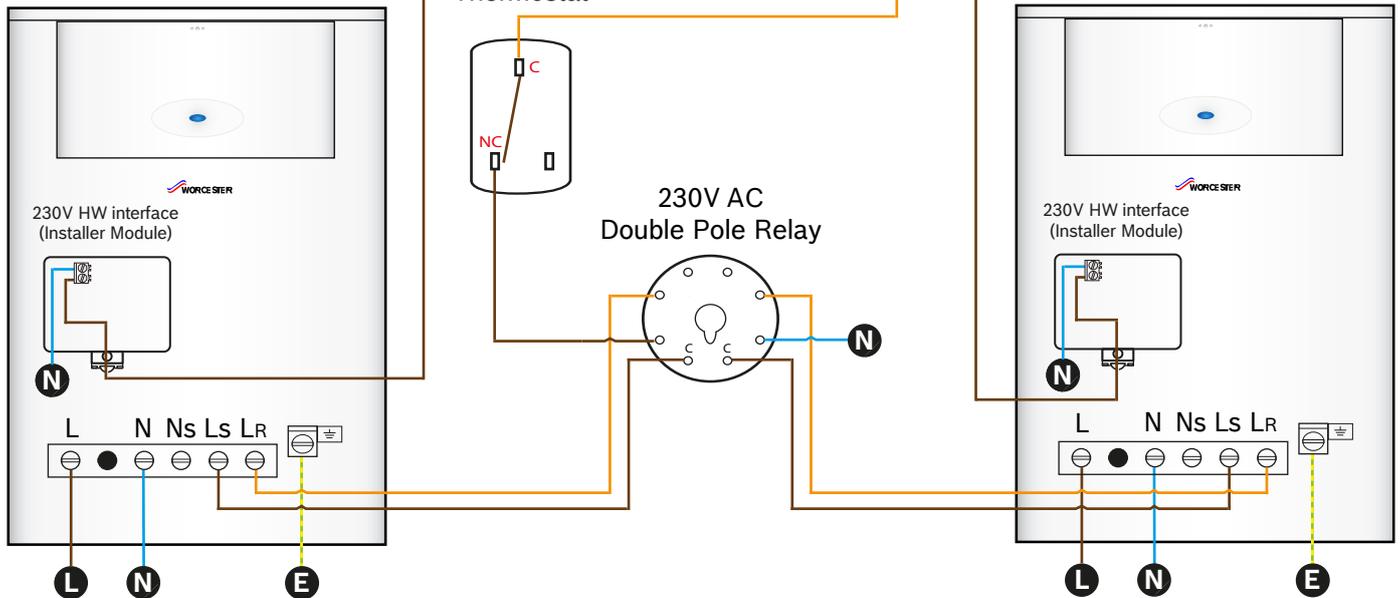
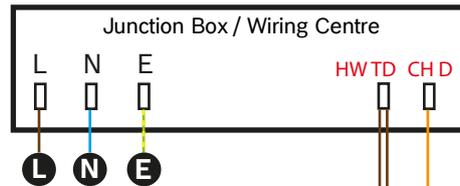
IMPORTANT NOTE:

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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