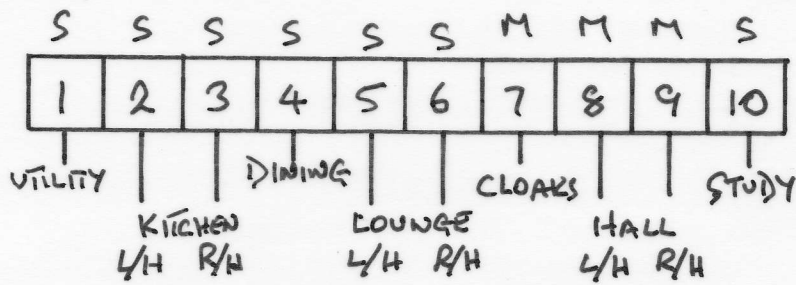
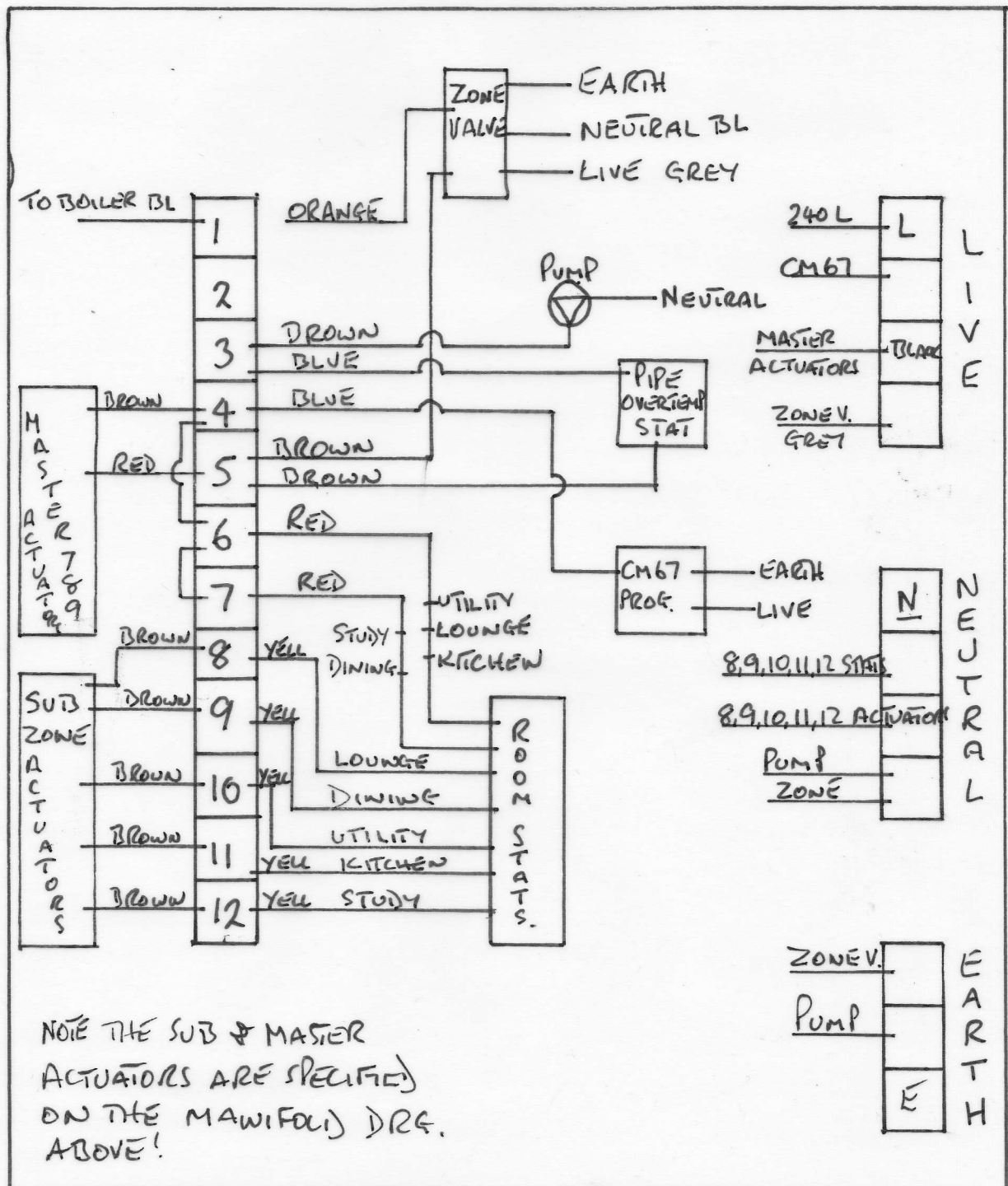


## UNDERFLOOR HTG. MANIFOLD ACTUATORS



M = MASTER  
S = SUB ZONE

## UNDERFLOOR HEATING FUNCTION BOX



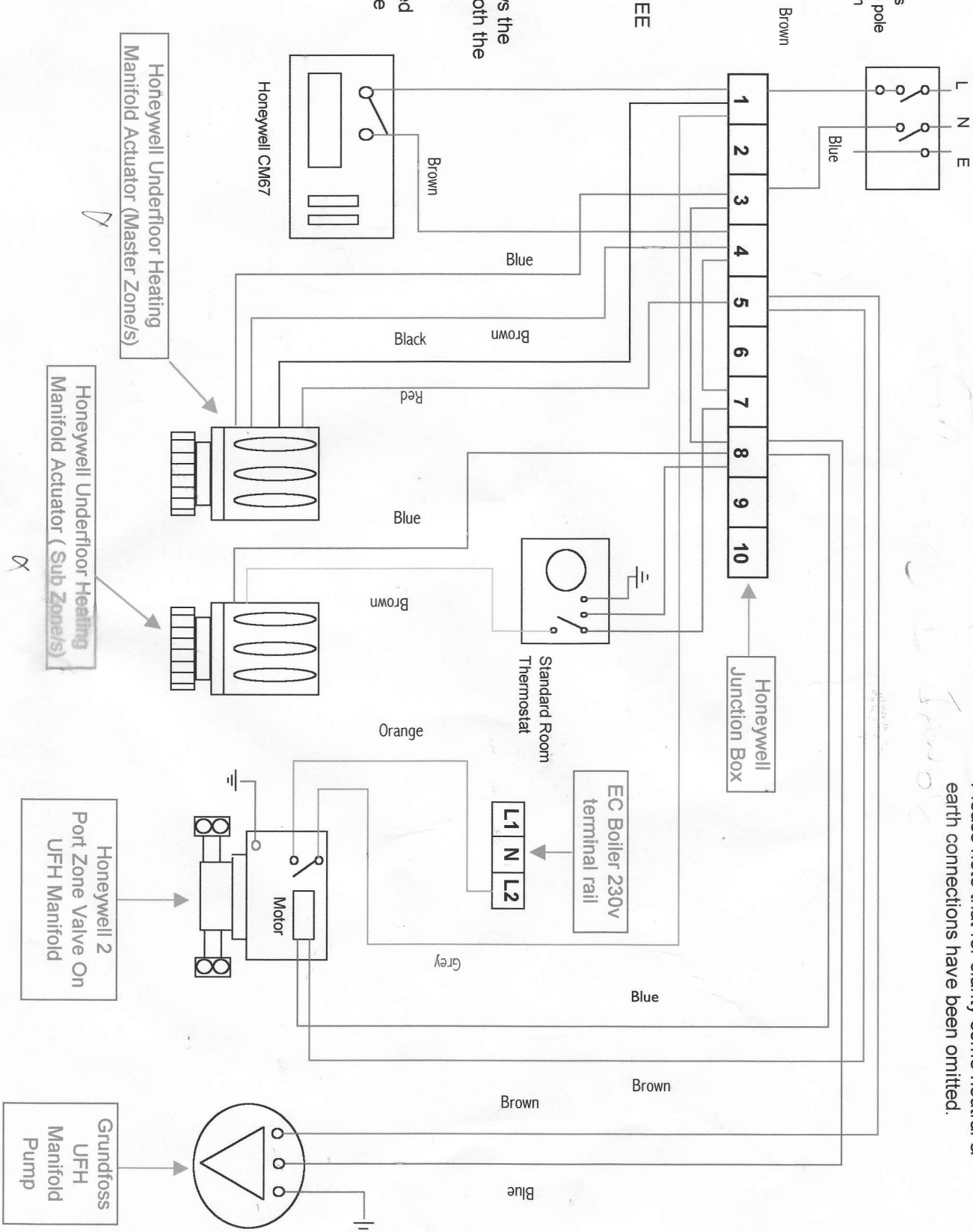
# eco hometec Underfloor Heating Manifold Wiring Diagram

Please note that for clarity some neutral & earth connections have been omitted.

In order to isolate underfloor controls fit a 3 amp double pole fused spur to each manifold.

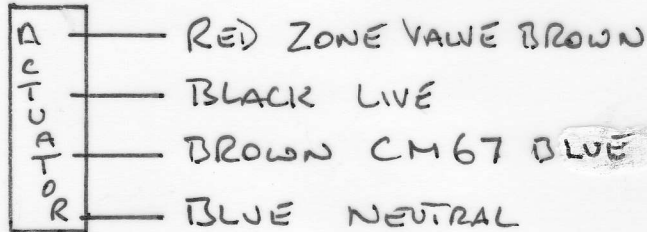
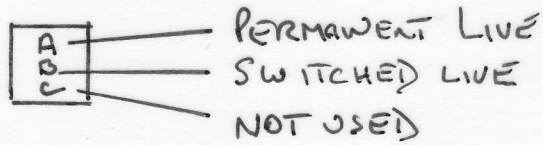
All electrical installations must conform to current IEE regulations.

**Note:** This diagram shows the wiring requirements for both the master and sub zones. Please note that on the sub zone actuators the red and black switch wires are not used.

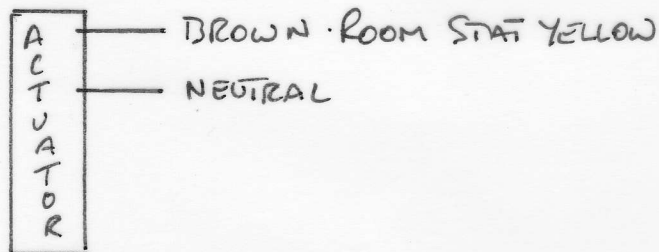


# GENERAL EQUIPMENT INFORMATION

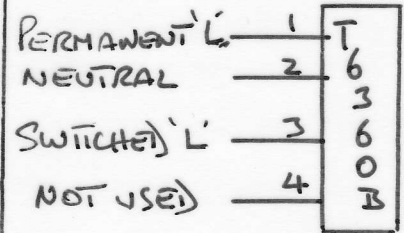
## CM67 PROGRAMMER



## ACTUATORS MASTER

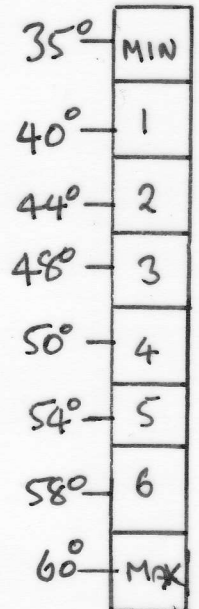


## ACTUATORS SUB



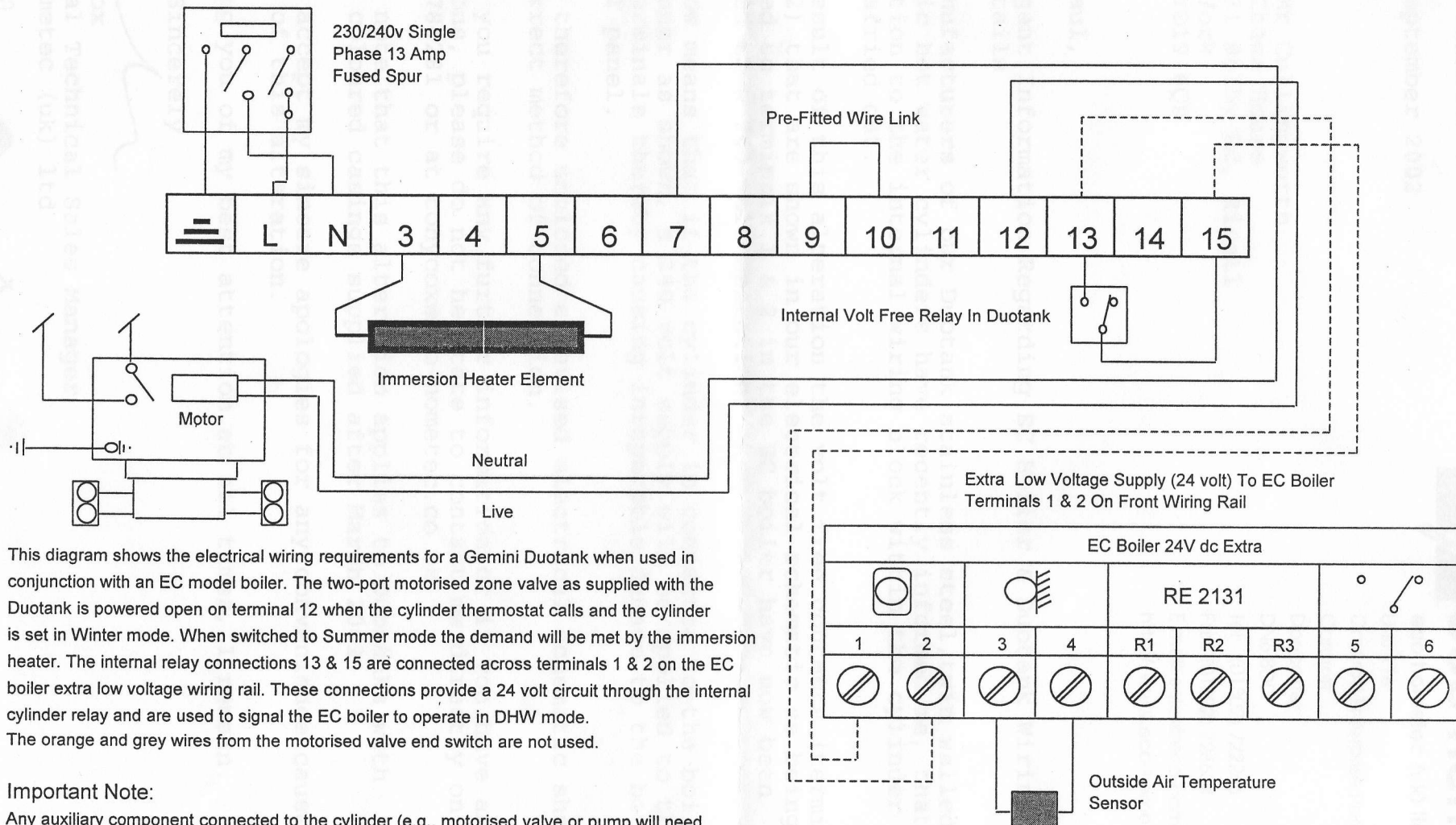
## ROOM STAT

## MAX FLOOR TEMP 30°



## RELANCE BLENDING VALVE

## Wiring Schematic For Gemini Duotank And EC Boiler



This diagram shows the electrical wiring requirements for a Gemini Duotank when used in conjunction with an EC model boiler. The two-port motorised zone valve as supplied with the Duotank is powered open on terminal 12 when the cylinder thermostat calls and the cylinder is set in Winter mode. When switched to Summer mode the demand will be met by the immersion heater. The internal relay connections 13 & 15 are connected across terminals 1 & 2 on the EC boiler extra low voltage wiring rail. These connections provide a 24 volt circuit through the internal cylinder relay and are used to signal the EC boiler to operate in DHW mode. The orange and grey wires from the motorised valve end switch are not used.

### Important Note:

Any auxiliary component connected to the cylinder (e.g., motorised valve or pump) will need to be fuse rated as appropriate when the electrical supply into the cylinder is fuse rated for immersion heater usage.

## HS Boiler Wiring Details

