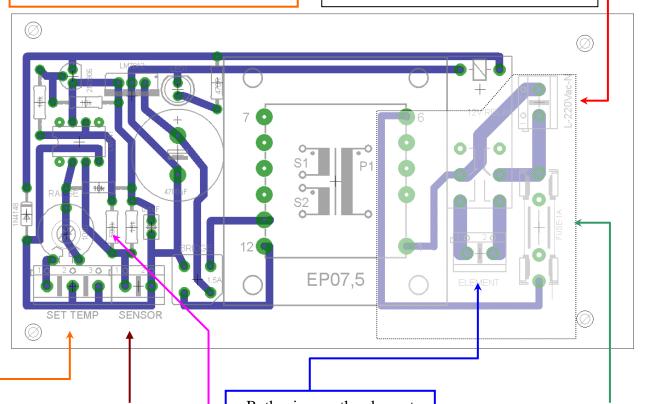
Caravan Fridge Thermostat

Connect the 5k0 Potentiometer to the "SET TEMP" connector block. Keeping the wire flat, connect the Brown wire to Pin1, the middle White to Pin2 and the remaining White to Pin3. (If the potentiometer direction, cool to warmer, is incorrect for you then swap the leads that go to Pin1 and Pin3.)

It DOES matter that we connect the Live and Neutral correctly here as one always wants the fuse on the Live. Neutral is on top and Live below it.

Note: The shaded area is 220V so caution must be exercised when working with the board



I have used the same
PTFE wire for the sensor
but have not used the
Brown wire only the two
Whites. It does not matter
which are connected to
which Pin on the
"SENSOR" connector
block.

Both wires on the element are connected to the "ELEMENT" connector block and it does not matter which goes where.

This is the resistor responsible for the accuracy of the unit, it is currently 500k.

The fuse here only protects the electronic circuit. The caravan mains plug that feeds the fridge is already fused and I have relied on this to protect the element.

I have not terminated the sensor and the potentiometer as I do no know the final length of the wire. Keep all wires as short as possible.

I also have no clue as to how to mount the sensor. Rather than hold you up I enclosed your sensor in shrink tubing as I did mine. I may still slip mine into a piece of SS tubing dunno??. Don't mount the sensor to the aluminium evaporator in the fridge. Mount it about 80 to 100mm from the bottom of the fridge and preferably have the sensor in free air a couple of mm from the fridge sides / rear.