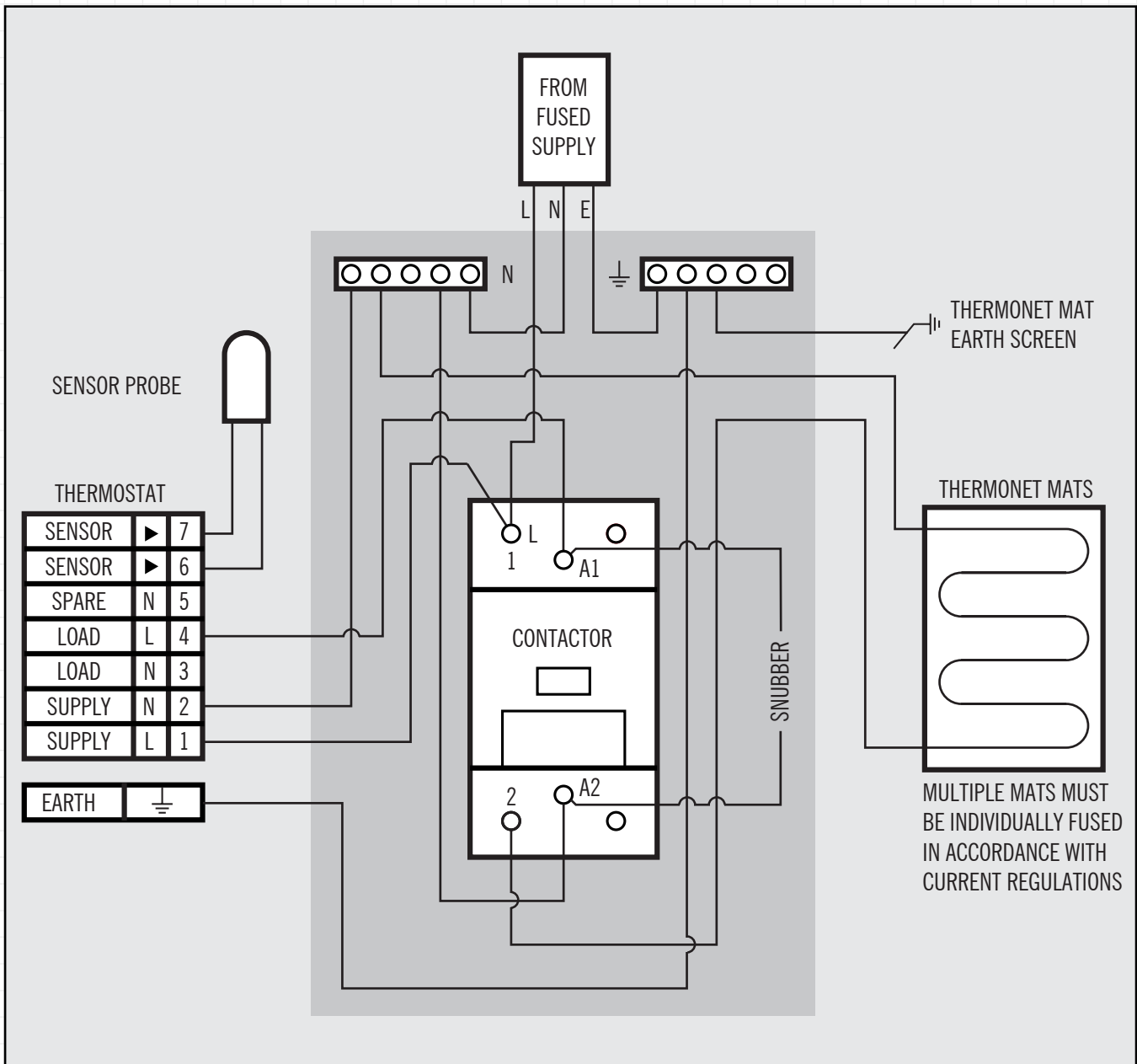


## Installation Guide: Contactor / Snubber (5279, 5280 & 5286)



### Installation: Total heating system current draw

Firstly calculate the total load. The load in watts (W) of each heatmat is shown on the heatmat factory test certificate. To find the total load of your system use the calculations below:

$$\text{Sum of individual heatmat loads} = \text{Total load (W)}$$

Calculate the current draw in amps (A) by dividing the total load (W) by the working voltage.

$$\frac{\text{Total load (W)}}{230 \text{ (v)}} = \text{Total current draw A}$$

### Operation: Heatmat control ratings

Thermonet mats must be controlled by a Thermonet thermostat. Thermostats have a maximum current draw rating of 16A.

If the total current draw exceeds 16A and the system has to be controlled by a single thermostat, a contactor/snubber must be used in addition to the thermostat. The rating of the contactor/snubber must always exceed the total current draw of the system.

### Final Checklist

- CONNECT TO A RCD PROTECTED FUSED MAINS SUPPLY
- FIT SNUBBER AND CONTACTOR SECURELY
- MAKE ELECTRICAL CONNECTIONS AS SHOWN

### ! IMPORTANT SAFETY PRECAUTIONS !



A FULLY QUALIFIED & CERTIFIED ELECTRICIAN SHOULD INSTALL



THE ELECTRICAL SUPPLY TO THE INSTALLATION MUST ALWAYS BE PROTECTED BY A RESIDUAL CURRENT DEVICE (RCD). THE TRIPPING CURRENT OF THE RCD MUST NOT EXCEED 30mA