

TECHNICAL INFORMATION SHEET – NUMBER 192

2400 MAIN INPUT CALIBRATION

5/27/98



ISSUED BY THE APPLICATIONS ENGINEERING DEPARTMENT

This procedure is for calibration of the main input. Calibration is performed for the thermocouple and mV inputs using a Eurotherm 239 mV/thermocouple simulator or equivalent. Connect a J TC from the simulator to the input, **V+** and **V-** of the 2400.

- 1) Enter configuration mode and page to the **i P** list and select **J.tc**. Scroll to **Cj C** and make it is set to **auto**.
- 2) Page to **CAL** and scroll to **rcAL**, select **PV**.
- 3) Scroll to **PV** and select **CJC**.
- 4) Set simulator to J TC at 0 degrees Celsius or 32 degrees Fahrenheit.
- 5) Scroll to **GO** and select yes.
- 6) To calibrate the mV input, connect to the input with multi-stranded copper wires and page to **CAL**.
- 7) Set simulator to 0 mV.
- 8) Scroll to **PV** and select **mv.L**.
- 9) Scroll to **GO** and select yes.
- 10) Set simulator to 50 mV.
- 11) Scroll to **PV** and select **mv.H**.
- 12) Scroll to **GO** and select yes.
- 13) If an error is made, the factory calibration can be recalled by selecting **FACT** under **PV** in the **CAL Conf** list.