Troubleshoot/Replace PT100
Does this solve the problem?
1] Yes
2] No
3] I don't know

- Explanation

In the temperature menu, note the Main Panel temp.

Remove the wires from Tower TOI temperature inputs 313, 314 & 315.

Use a multimeter set to read Ω and measure the resistance across the leads of the PT100.

Use the resistance/temperature conversion chart to determine the actual measured value.

0039-6203 - PT100 Resistance/Temperature chart

If the value matches that taken from the TAC Temperature menu, then the circuit is working as designed.

If the value is unreal (-40 to 200 °C), then the PT100 is faulty and must be replaced.

60009279- PT100 18042M Ø6x60mm

CONTROL PANEL TEMPERATURE

B01

316
317
318
319

TEMP +
TEMP -
TEMP S
SHIELD

Troubleshoot/replace Tower TOI
Does this solve the problem?
1] Yes
2] No
3] I don't know

- Explanation

If the value does not match that taken from the TAC Temperature menu, then the cause is likely a faulty Tower TOI (check other panel temperature alarms, as these will likely be affected as well).

51701501 - TOIII INTERF NM1500 TOWER