

Adjust the panel heater settings

Does this solve the problem?

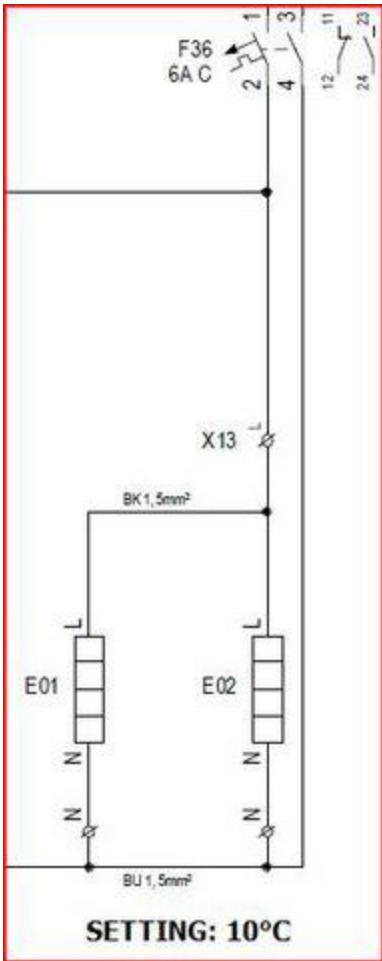
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

IN THE +AT2 PANEL:

Check the heaters setting as per the electrical schematics.
If not correct, adjust the settings.





Replace the defective PT100 sensor

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

IN THE +AT2 PANEL:

Check PT100 connections and terminal tightness.

Also check the input in TOI U02 terminals 316 and 317.

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.

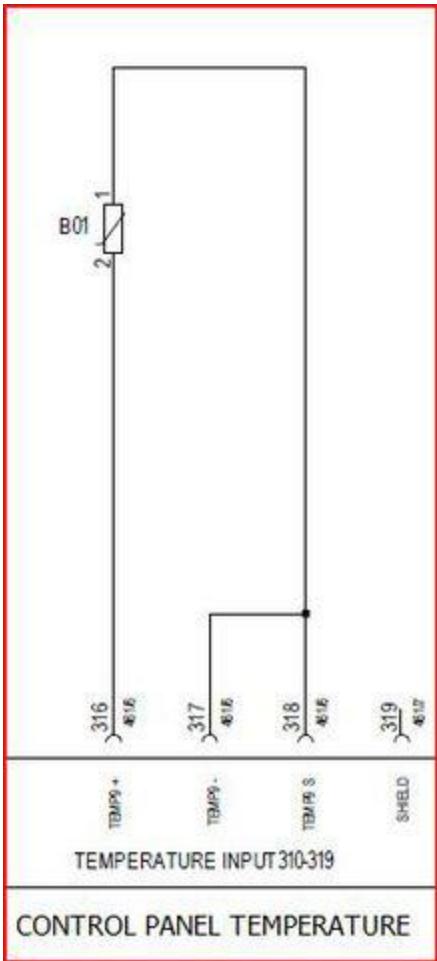
Relevant documentation	
Description	DMS No.
PT100 Resistance/Temperature chart.	0039-6203

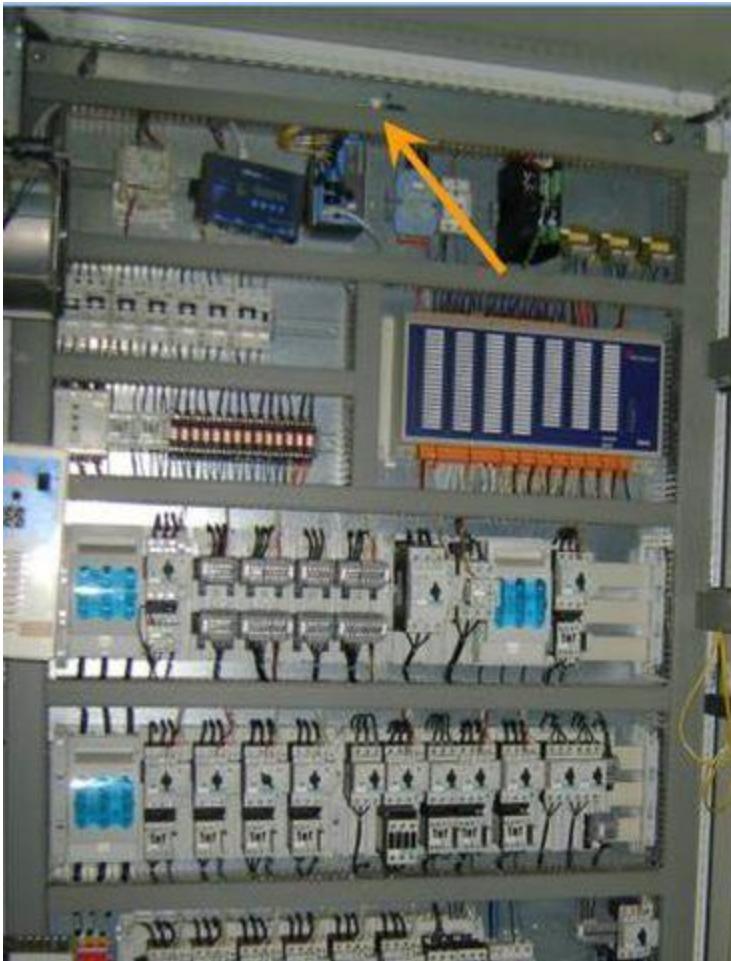
If the value matches that taken from the TAC Temperature menu, then the circuit is working as designed.

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

Relevant spare parts	
Description	Item No.
PT100 180-4-2M Ø6x60mm	60009279







Replace the defect Relay

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

IN THE +AT2 PANEL:

Check all of the electrical connections related to the control panel cooling fan circuit.

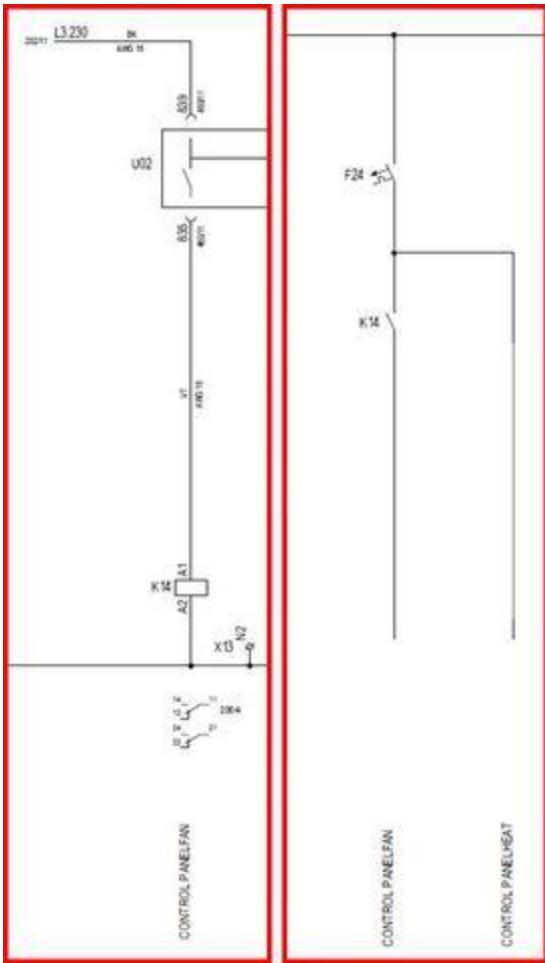
Check for any loose connections, or broken wires.

Check the F36/F24 MCB and function.

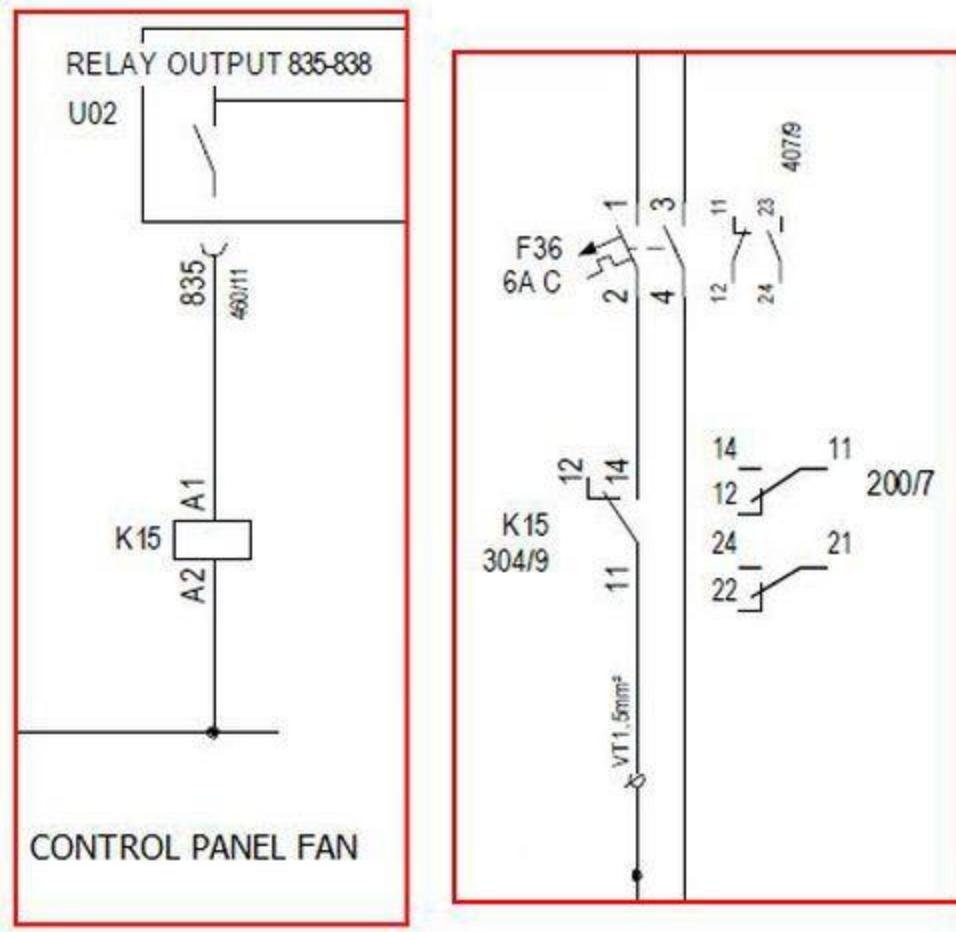
Check the relay (K15/K14) LED indication.

Check the relay and if found to be defect replace the relay (K15).

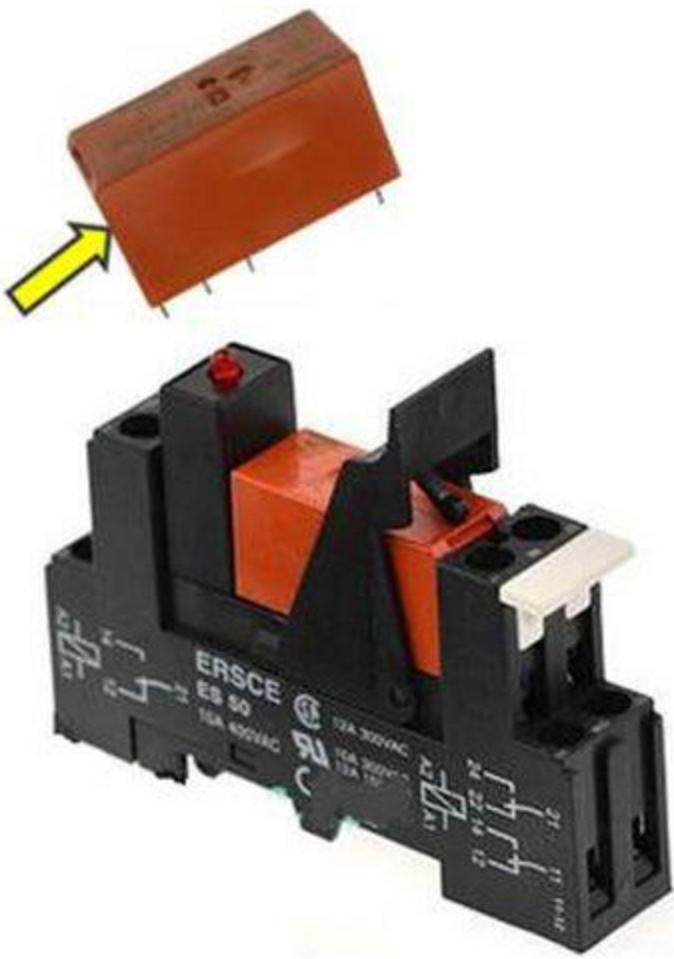
60 Hz:

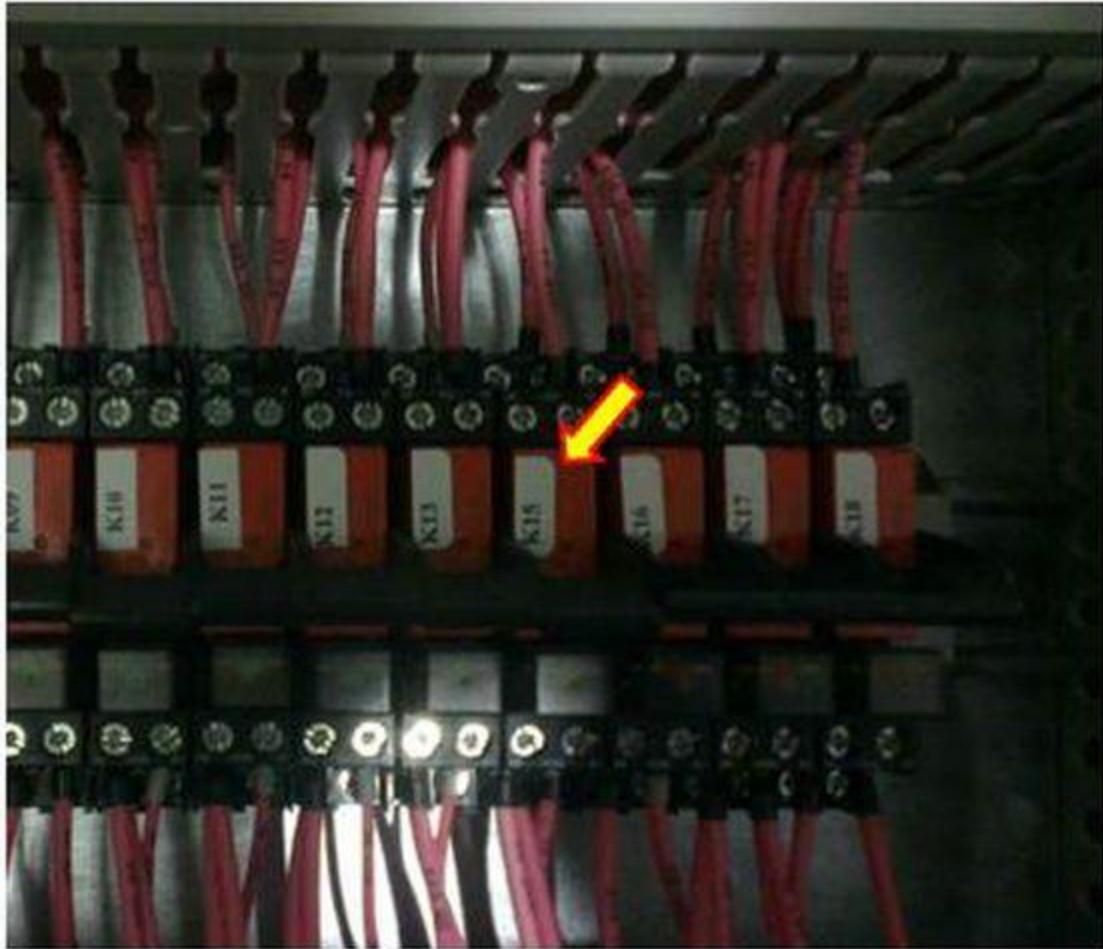


50 Hz:



Relevant spare parts	
Description	Item No.
RELAY RT424730 8A 230V 2	60004512





Clean the filter/replace the damaged filters

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

IN THE +AT2 PANEL:

Check all of the +AT2 panel filters.

If the filters are dirty or clogged replace them with new.

Relevant spare parts	
Description	Item No.
FILTER EXH 323x323x30MM (Filter with frame)	60014668
FILTER PAD FINE 500-700M3/H (Filter without frame)	60097176



Replace the defective cooling fan

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**
IN THE +AT2 PANEL:

Manually operate the panel fans through the TAC Controller from the manual test menu. If a fan is not operational, check that the supply is present at the fan and check the healthiness of the capacitor. If capacitor value found zero or 50% lower than name plate, then replace the capacitor



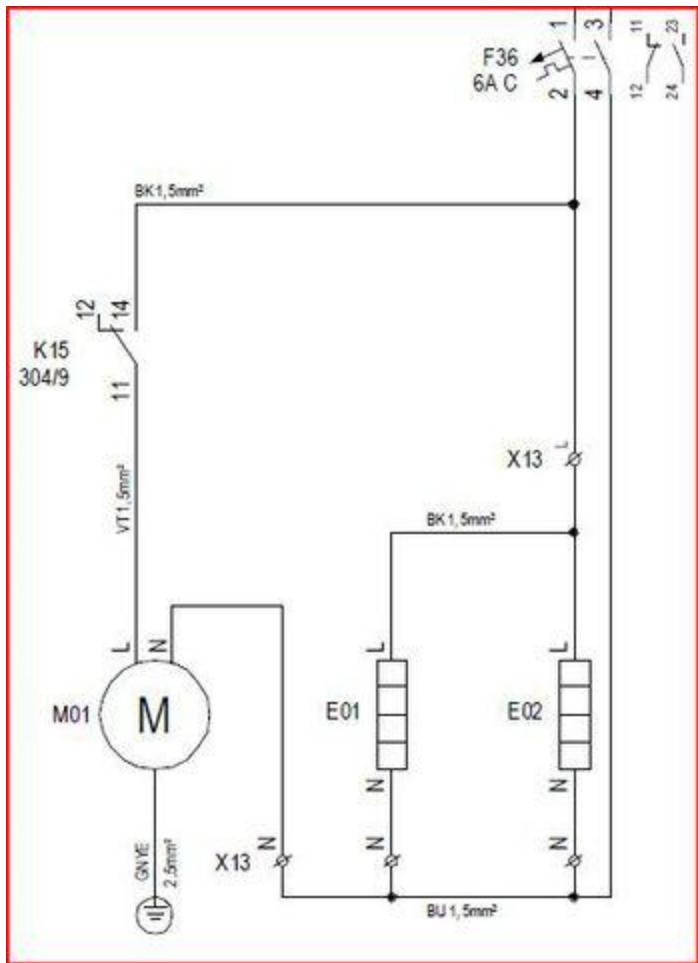
Relevant spare parts	
Description	Item No.
CAPACITOR 2.5UF 400V	29058241

The panel fans as well as the heater fans are supplied by the same 230VAC source.
If there is a fault in the power source circuit, both panel fans and heater fans will not operate. If a panel fan is found to be faulty, replace the failed fan (POS: M01).

Relevant spare parts	
Description	Item No.
FAN 500M3/H 230V	60014655



60Hz



50Hz

