

Replace the defect temperature sensor

Does this solve the problem?

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

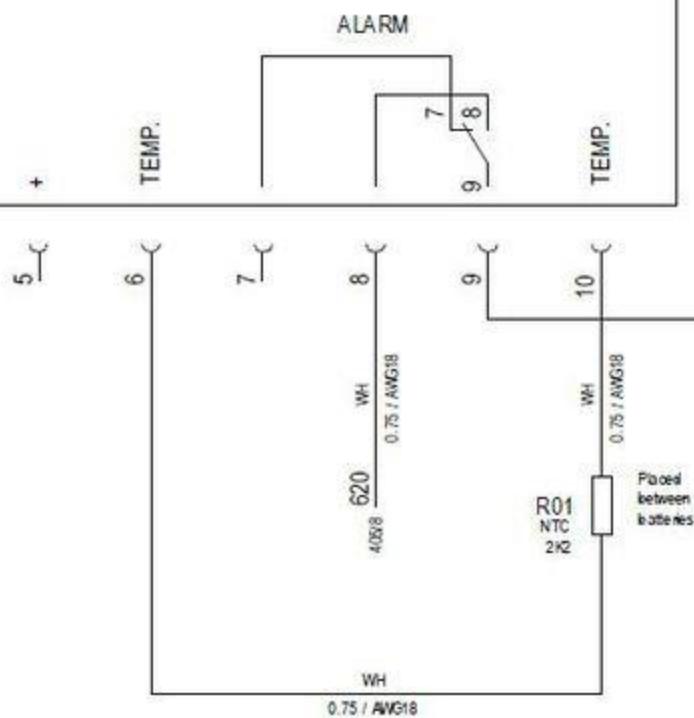
- **Explanation**
IN THE +AN1 PANEL:

Check the temperature sensor (POS : R01) which is place in-between batteries

If defect replace the new sensor

Relevant spare parts	
Description	Item No.
TEMP SEN BAT CHARGER ADC5483	<u>60000720</u>

JUMPER FOR TEMP. COMP.
SETTING = ON





Replace the defect Power net

Does this solve the problem?

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

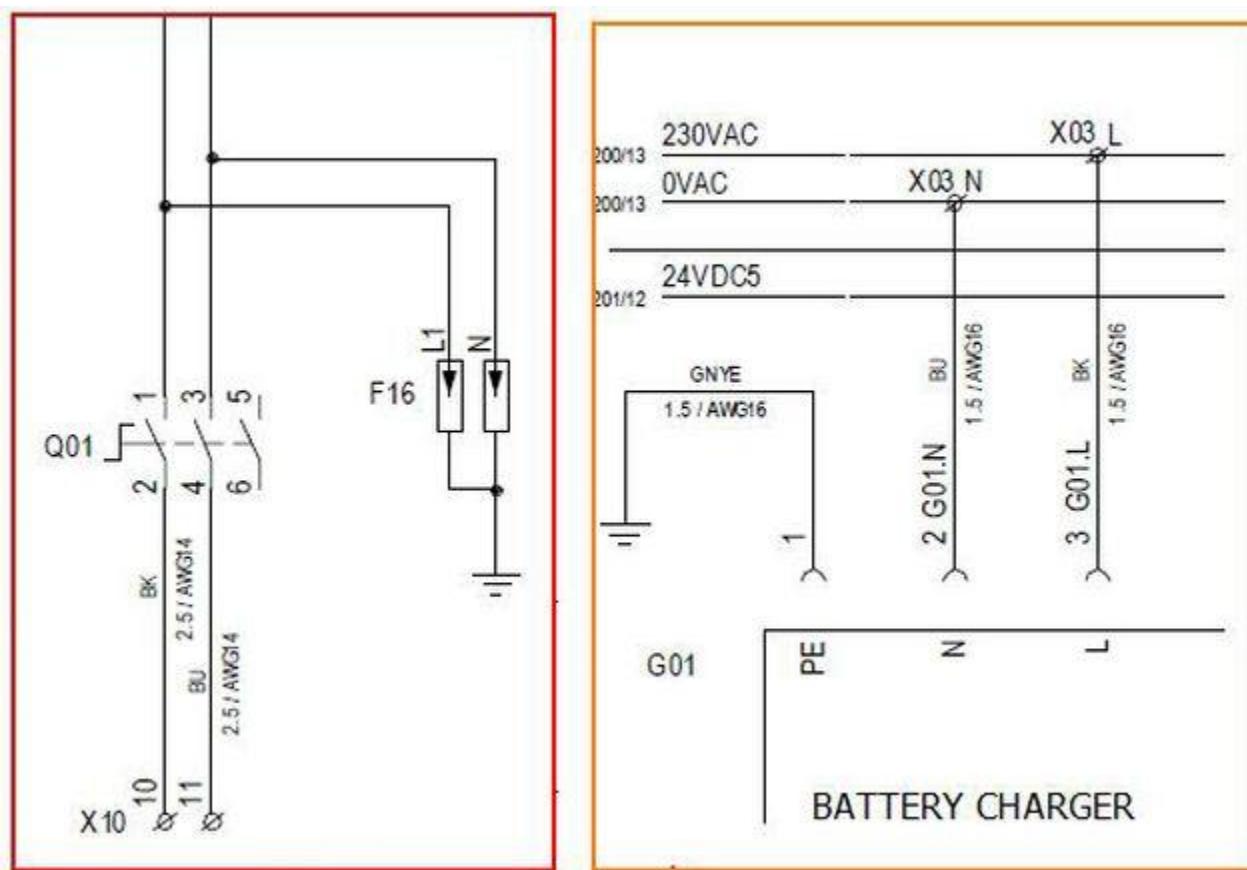
- **Explanation**
IN THE +AN1 PANEL:

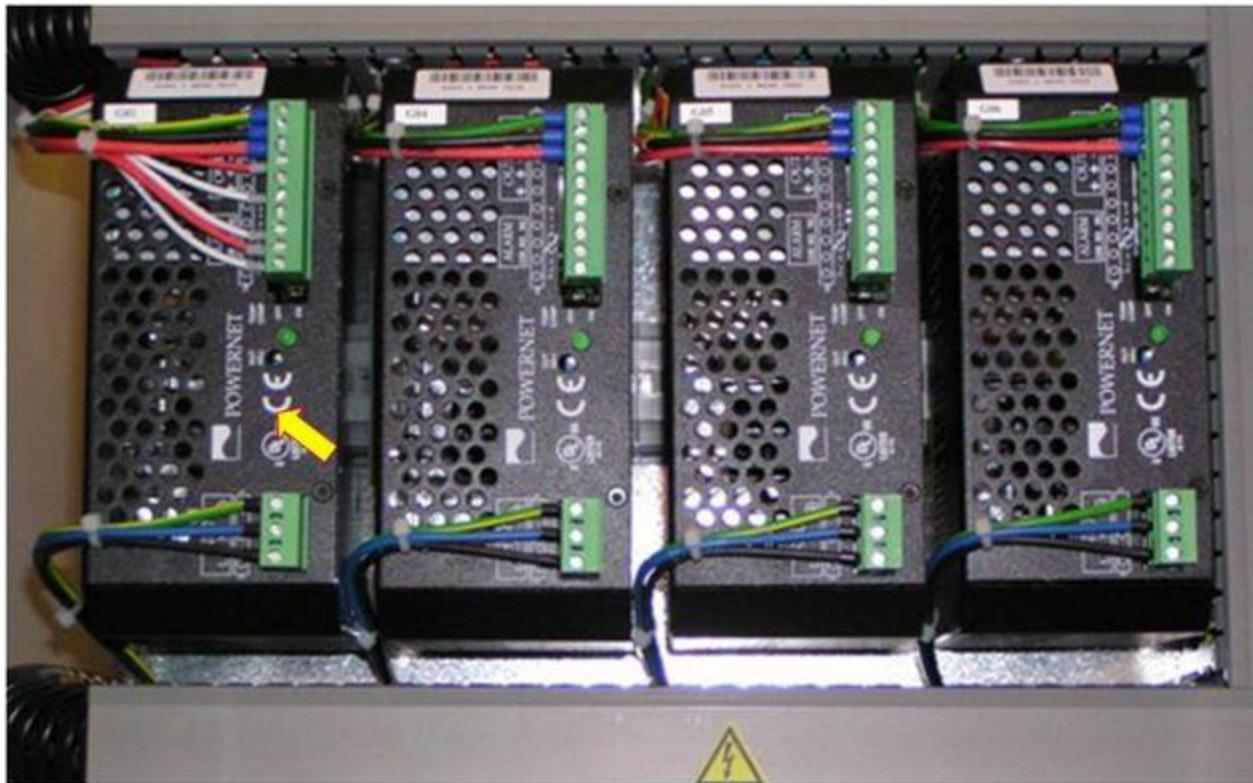
Check the Power net if any loose connection,

Check the INPUT /OUTPUT voltage, If 230V present in INPUT but OUTPUT 0V means likely power net defect,

If not present input voltage check the supply line.

If defect power net replace with new.





Relevant spare parts	
Description	Item No.
PS ADC 5483R-3 10A-27,4 NM PIN	188453

Replace the defect batteries

Does this solve the problem?

- 1] Yes
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- **Explanation**
IN THE +AN1 PANEL:

Check the battery visually any abnormal and healthiness,

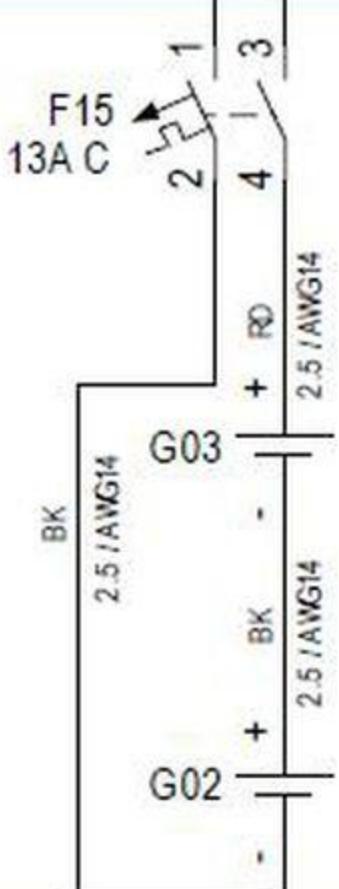
Check if any loose connection,

If defect replace the batteries (G02, G03)

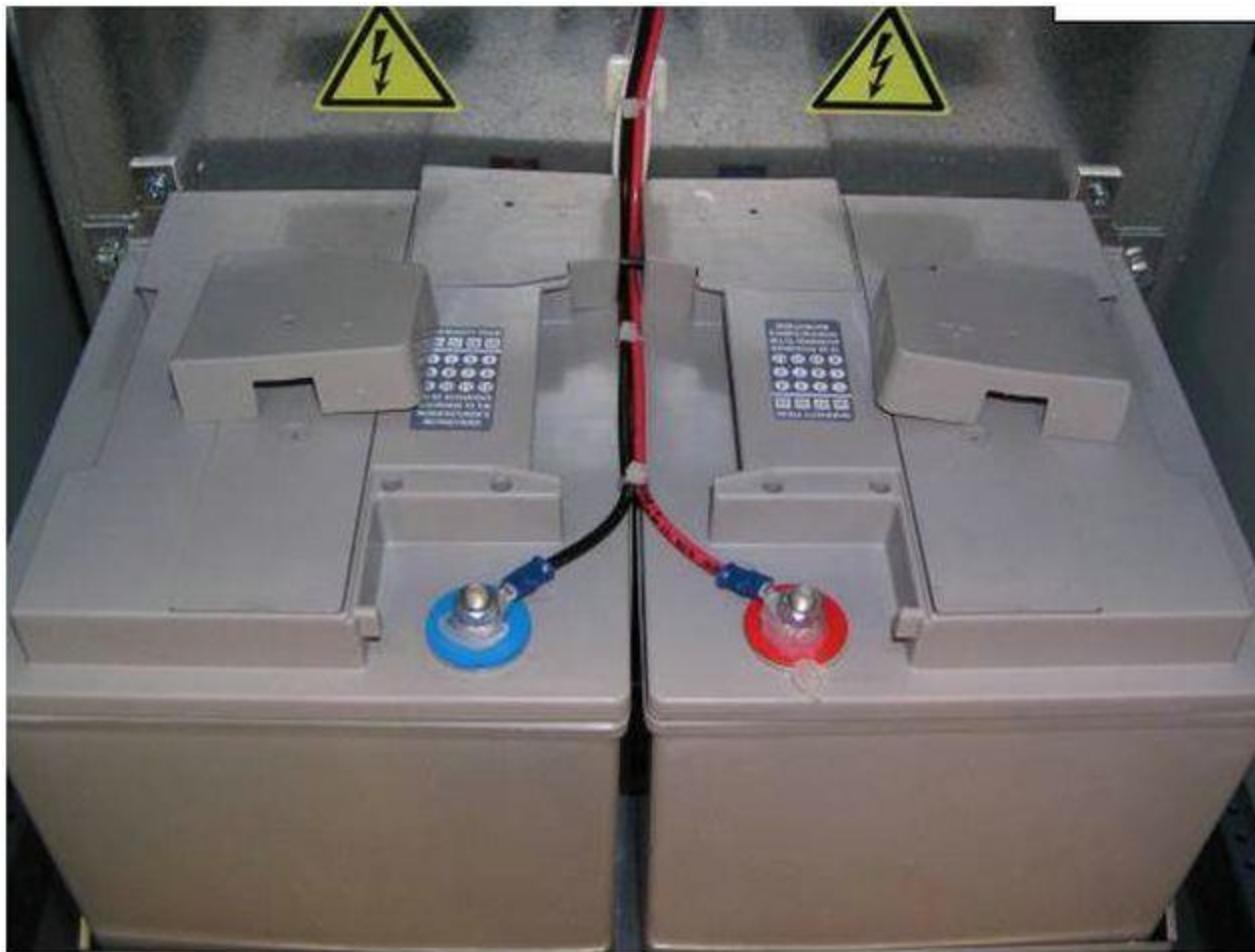
Relevant spare parts	
Description	Item No.
BAT H4 12V 32Ah	<u>60000711</u>

Check the battery terminal connection if any rust due to battery acid,

If found any rust rectified apply recommended flux.







Replace the Defect components

Does this solve the problem?

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- **Explanation**
IN THE +AN1 PANEL:

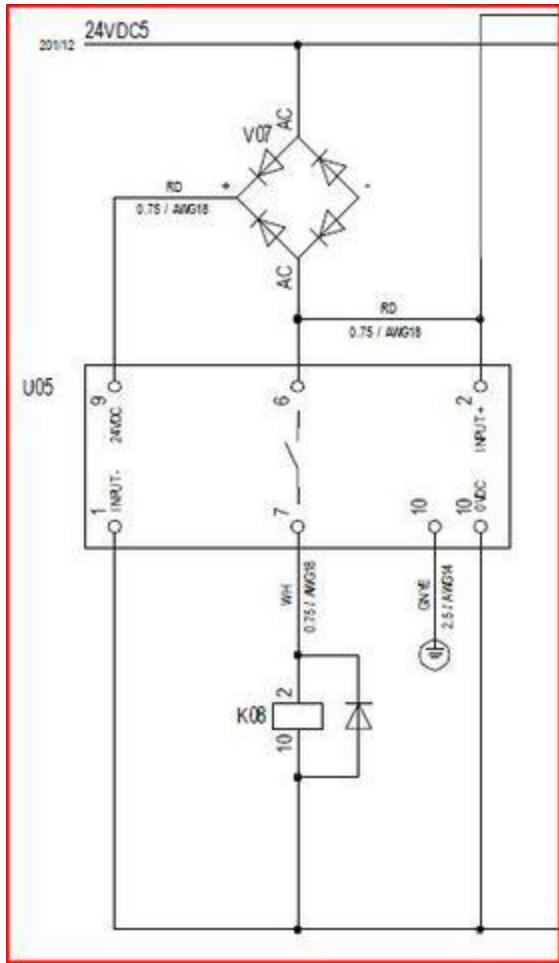
Check the K08 relay operation and INPUT/OUTPUT voltage,

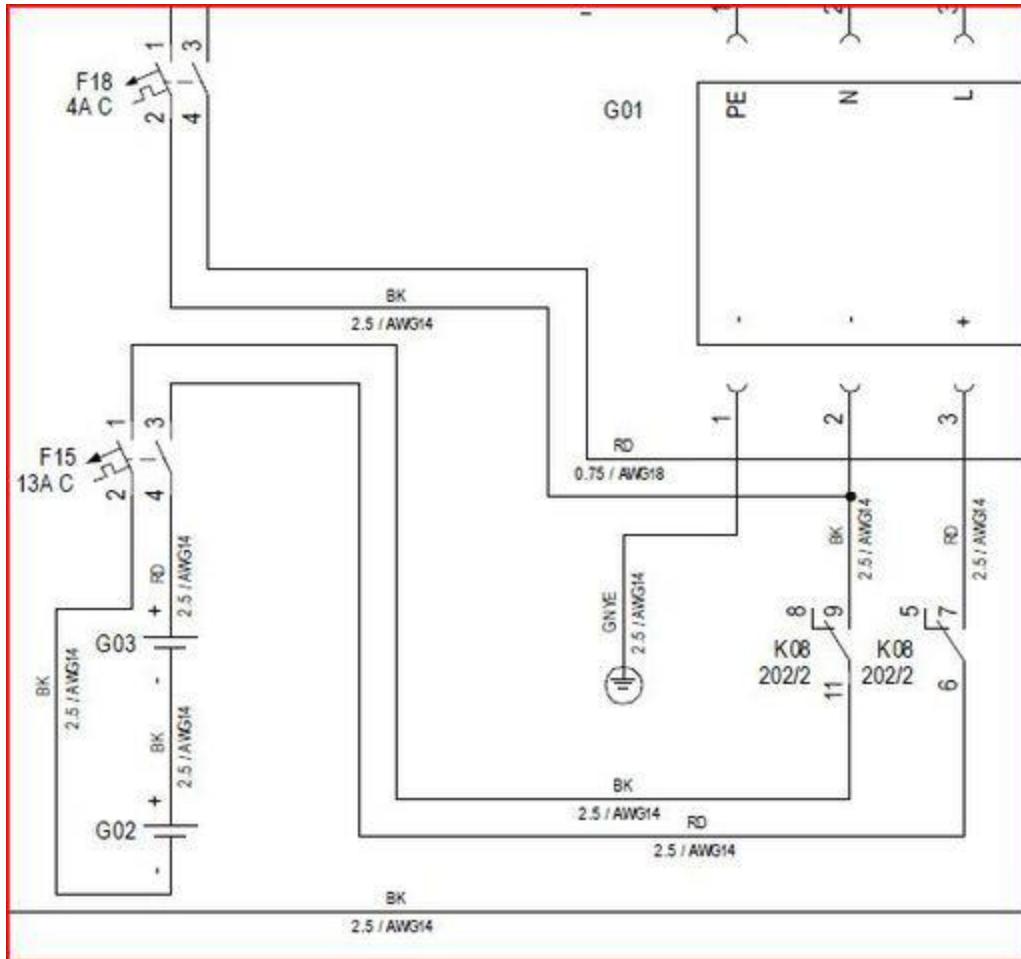
Check the Trip amplifier and Bridge rectifier,

Check if any loose connection in the circuit,

If defect replace the failure components.

Relevant spare parts		
Description	Item No.	Position
TRIP AMPLIFIER 2231D-1050	60004924	U05
DIODE BRID KBPC3506G 600V 35A	60000980	V07
RELAY MT3230C4 10A 24V 3P	60004532	K08
COOLING COMPOUND HTS35SL 35ml	60014555	



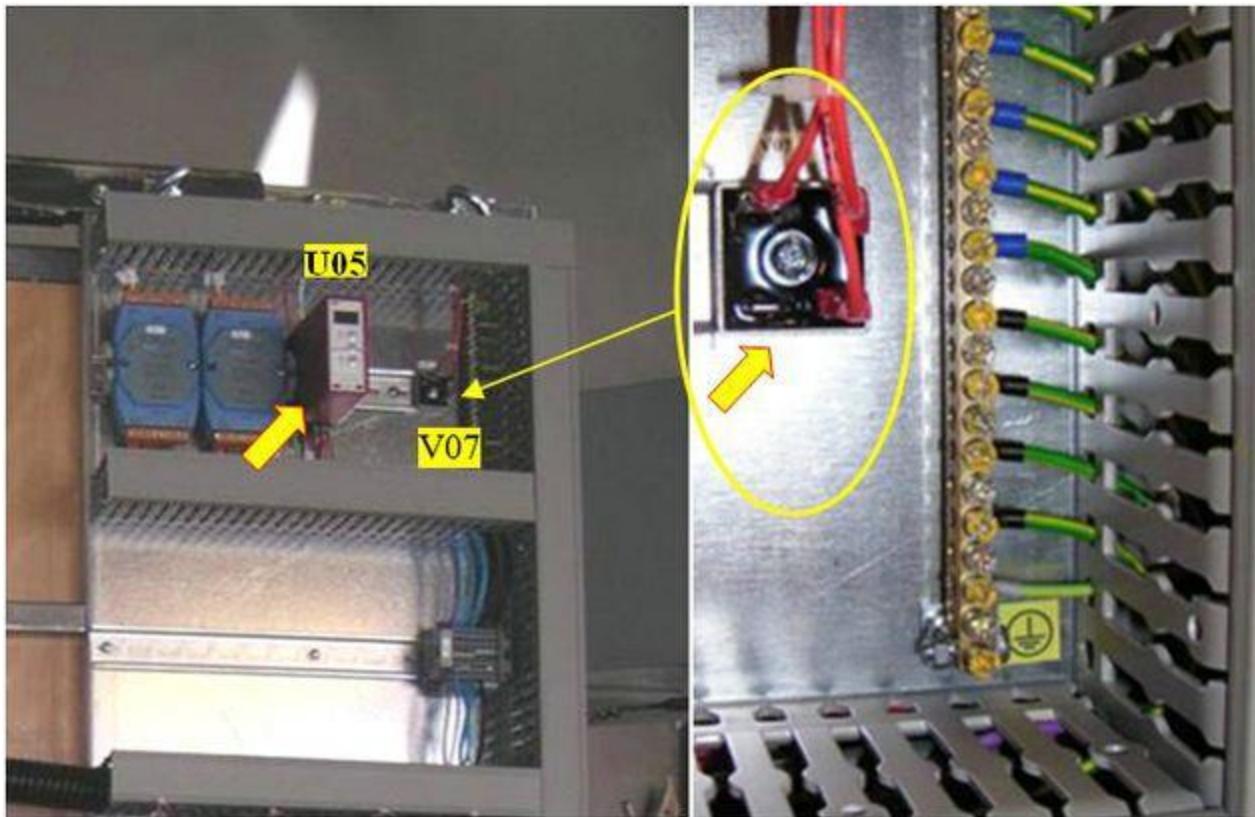


NOTE:

While replacing the Bridge rectifier apply the cooling compound to the surface.

It will increase the cooling efficiency





Replace the defect TOI

Does this solve the problem?

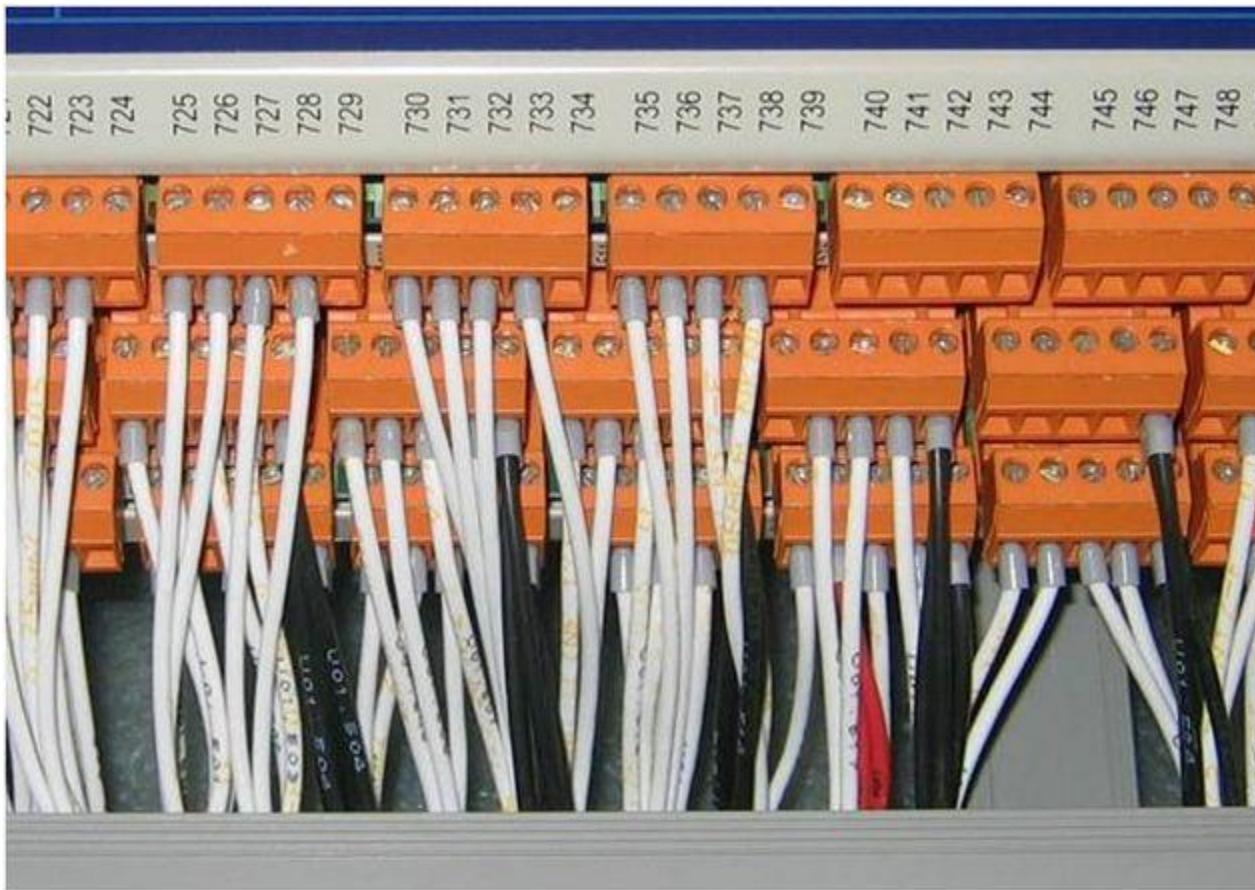
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**
IN THE +AN1 PANEL:

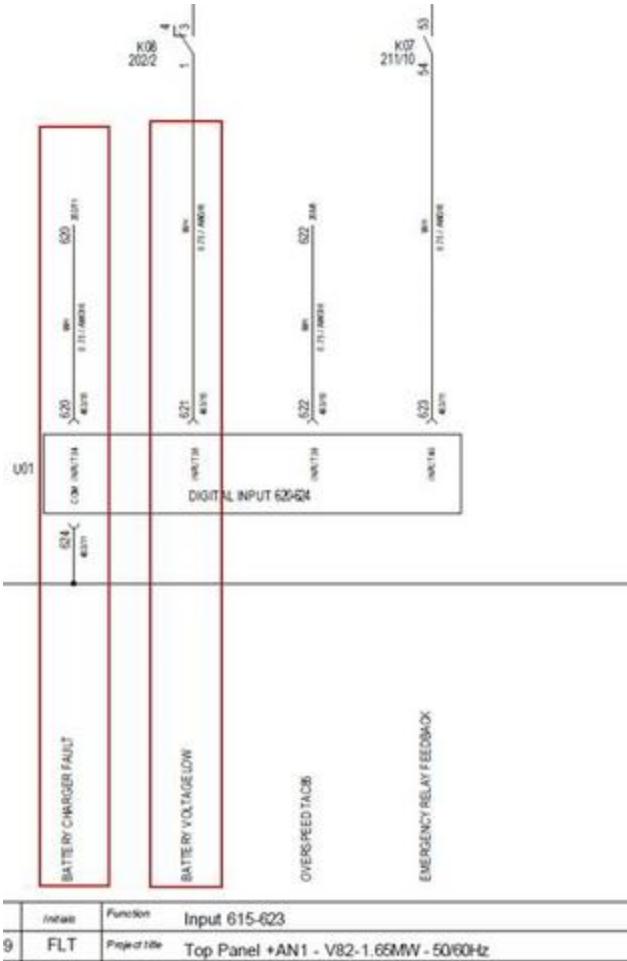
Check the loose connection and Input Signal for Battery Charger fault (620) and Battery Voltage Low (621) in TOI.

If signal is not present likely TOI defect

Relevant spare parts	
Description	Item No.
TOI-II INTERF EXT POC	51701601







	Initial	Function
9	FLT	Project title: Top Panel +AN1 - V82-1.65MW - 50/60Hz