

Replace the Defective protective switch (Dehnguard)

Does this solve the problem?

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

- **Explanation**

Normally if window on any Dehnguard (F30 / F04/ F16) turns from green to red, then replace the same.

F30:



F04:



F16:



Failure Dehnguard window will turn into red as shown below;



Note: The terminal numbers are interchanged in New Dehnguard and make sure you are connected to right terminals.



Relevant spare parts

| Description | Item No. | |
|-----------------------------|--------------------------|--------------|
| OVP 600FM | 60000674 | Old part no. |
| PROTC SA DG S 600 FM 600VAC | 195126 | New part no. |

Correct the cable connections

Does this solve the problem?

1] Yes

2] No

3] I don't know

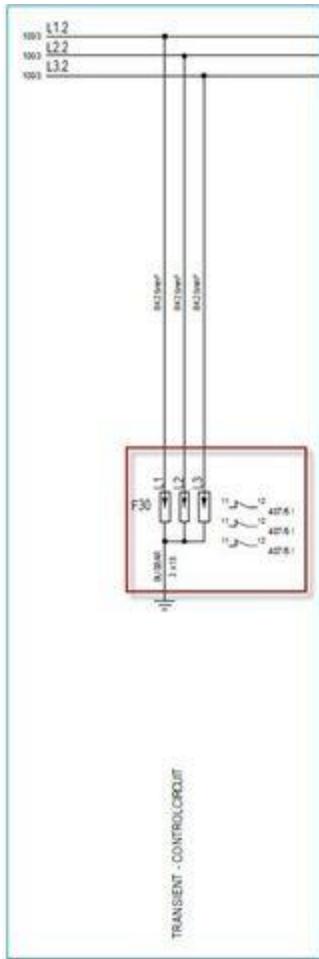
- **Explanation**

At +AT2 control panel;

Check the F30 switch feedback connection on L1,L2 & L3 phases in the Dehnguard as shown below;

NOTE: F30 Dehnguard directly connected with 600-690V power supply. Proper LOTO to be followed before start access F30 for troubleshooting;





Check the TOI-II tower connection U02-513 for any loose terminals

