

## 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	<a href="#">60000674</a>	Old part no.
PROTC SA DG S 600 FM 600VAC	<a href="#">195126</a>	New part no.

**Correct the cable connections**

**Does this solve the problem?**

1] Yes

2] No

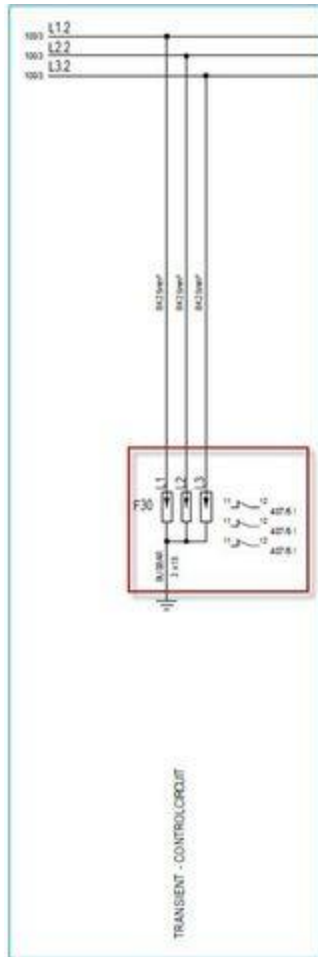
3] I don't know

- **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

