

Check and Replace the defective motor with new

Does this solve the problem?

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

• Explanation

Check for any loose connection in the motor terminal box:
Remove the STAR/ DELTA connections and check the Winding resistance value.

Remove the motor connection and Measure the resistance value of the motor windings

Measure phase to phase and phase to earth on all windings.

The resistance value should be $>1M\Omega$.

Check the supply voltage R,Y ,B Winding

To ensure operate the Motor and listen abnormal noise of any kind.

If motor winding found failure , replace it with new



Relevant spare parts

Description	Item No.
Electrical Motor IEC 071-0,37	60103464

Check and Replace the defective MCB with new.

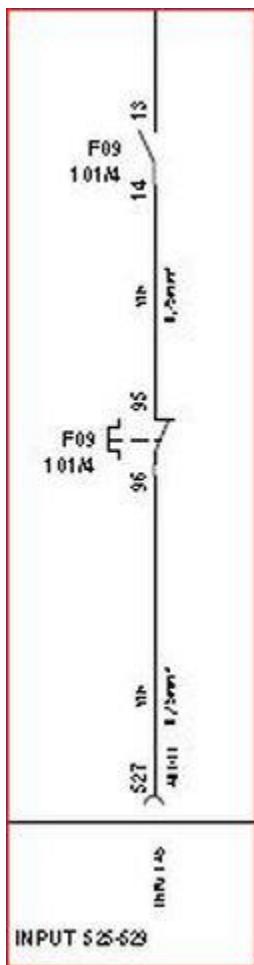
Does this solve the problem?

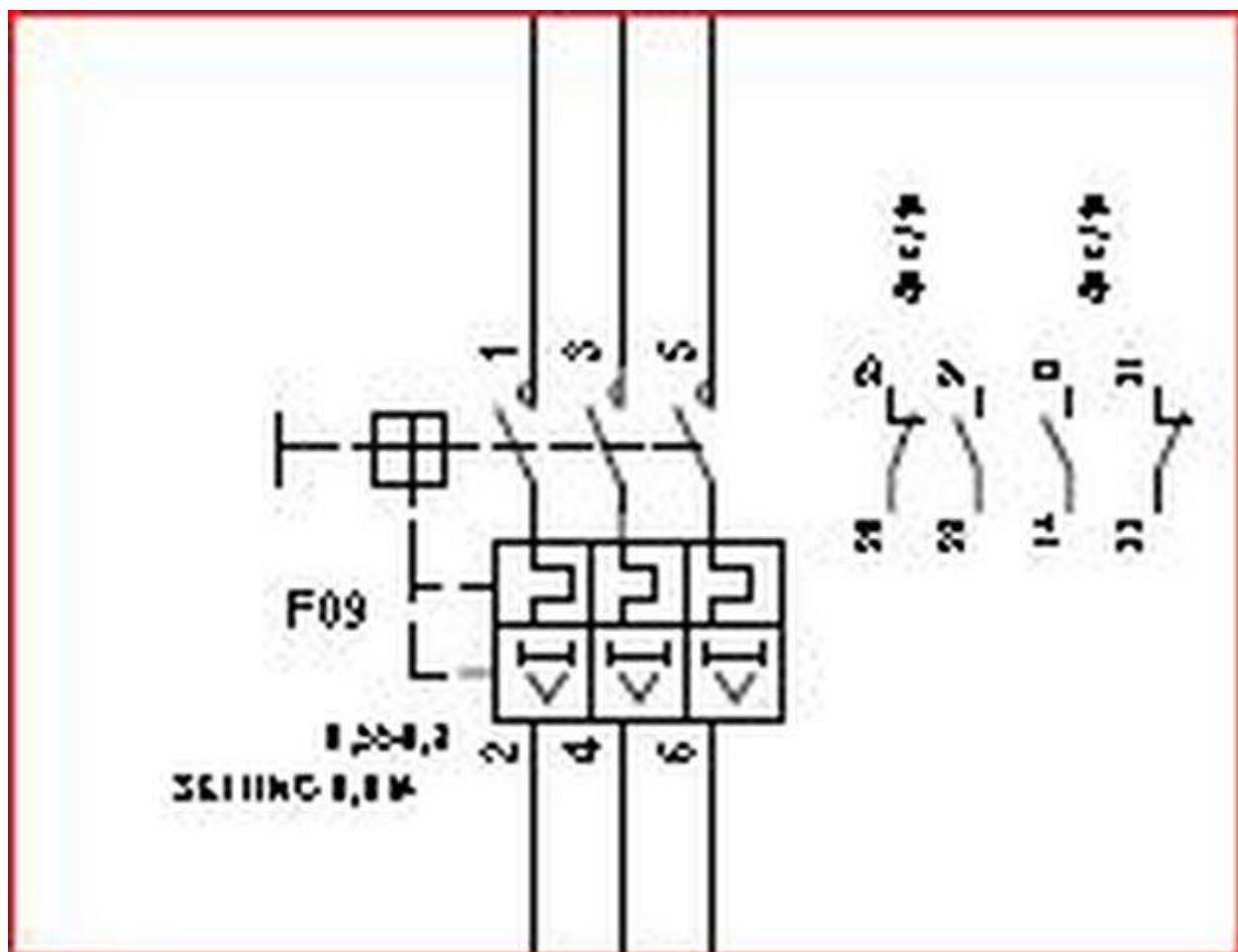
- 1] Yes
- 2] No
- 3] I don't know

• **Explanation**

IN THE AT2 CABINET:

- Check the INPUT/ OUTPUT voltage (F09)
- Check the MCB function.
- Check the MCB continuity.
- Check the required current setting in the MCB
- Check for loose connection in the terminals and cable condition.
- Check the Auxiliary relay function input to TOI.







Relevant spare parts	
Description	Item No.
CB 3RV11210HA10 0.55-0.8A	60004743

Relevant documentation	
Description	DMS No.
Electrical Diagram	0000-1638
Replacement of electrical components in AT2	0001-8388
Risk Assessment	0001-8390

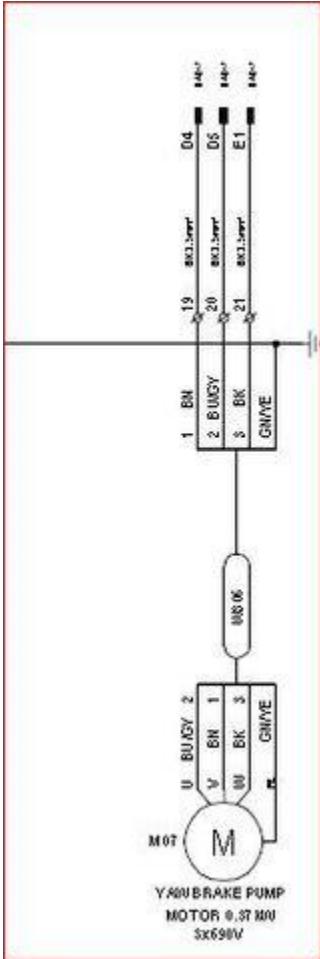
Check and Replace the defective Cable with new.

Does this solve the problem?

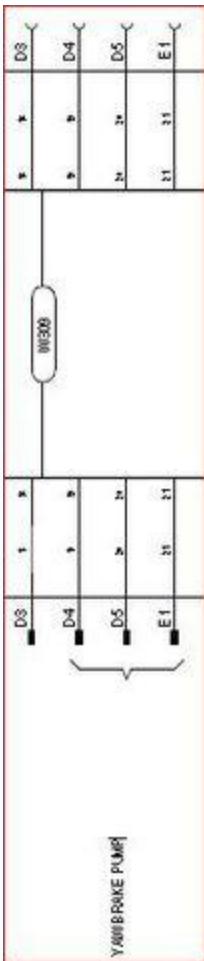
- 1] Yes
- 2] No
- 3] I don't know

• **Explanation**

Check for loose connection and continuity in AN4 for the cable W306, if found any deviation replace it with new.



Also check for loose connections and continuity from AT2 to AN4 cable W309



Relevant spare parts

Description	Item No.
CABLE-W306 NM30T 4G2.5 UNI	60102888
CABLE-W309 91m IEC	60111770

Relevant documentation

Description	DMS No.
Electrical Diagrams	0000-1638

Check and Replace the defective TOI with new.

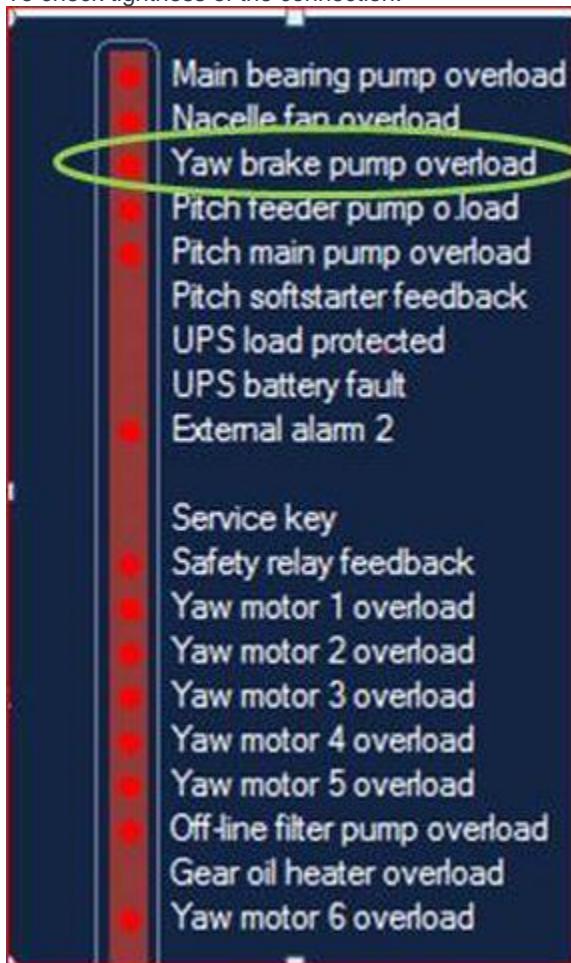
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- 2] No
- 3] I don't know

- **Explanation**

Observation Points:

Change the TOI if no signal from TOI
To check tightness of the connection.



Relevant spare parts	
Description	Item No.
Tower TOI interface	51701501

Relevant documentation	
Description	DMS No.
Electrical Diagram	0000-1638
Replacement of electrical components in AT2	0001-8388
Risk Assessment	0001-8390

