



Replace the defect contactor

Does this solve the problem?

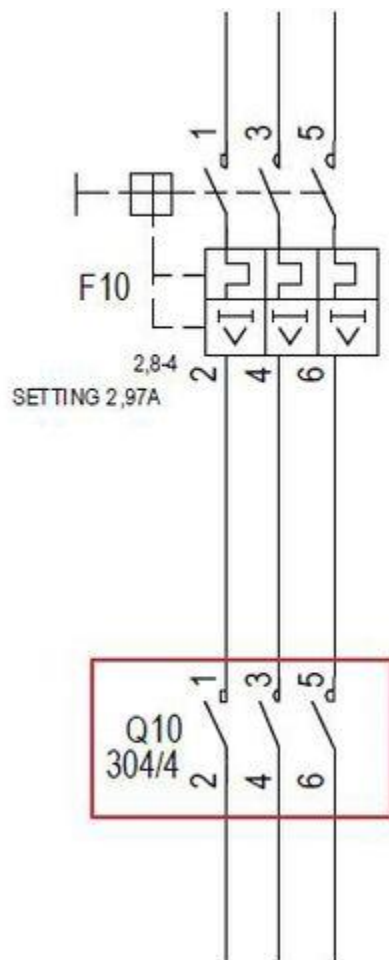
1] Yes

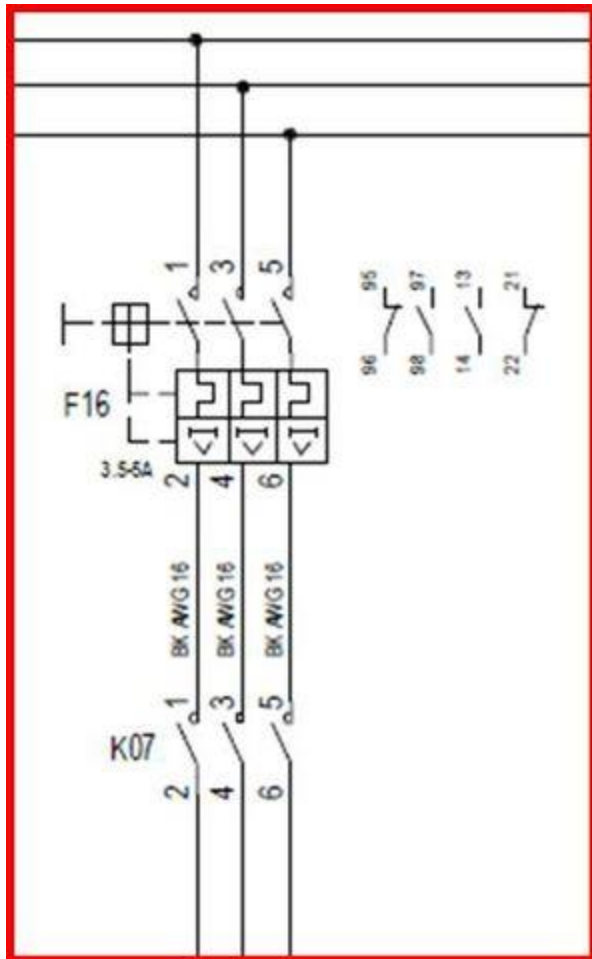
2] No

3] I don't know

- **Explanation**
IN THE AT2 CABINET:

Check the contactor function Q10/K07.





Replace the defect MCB

Does this solve the problem?

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

Explanation

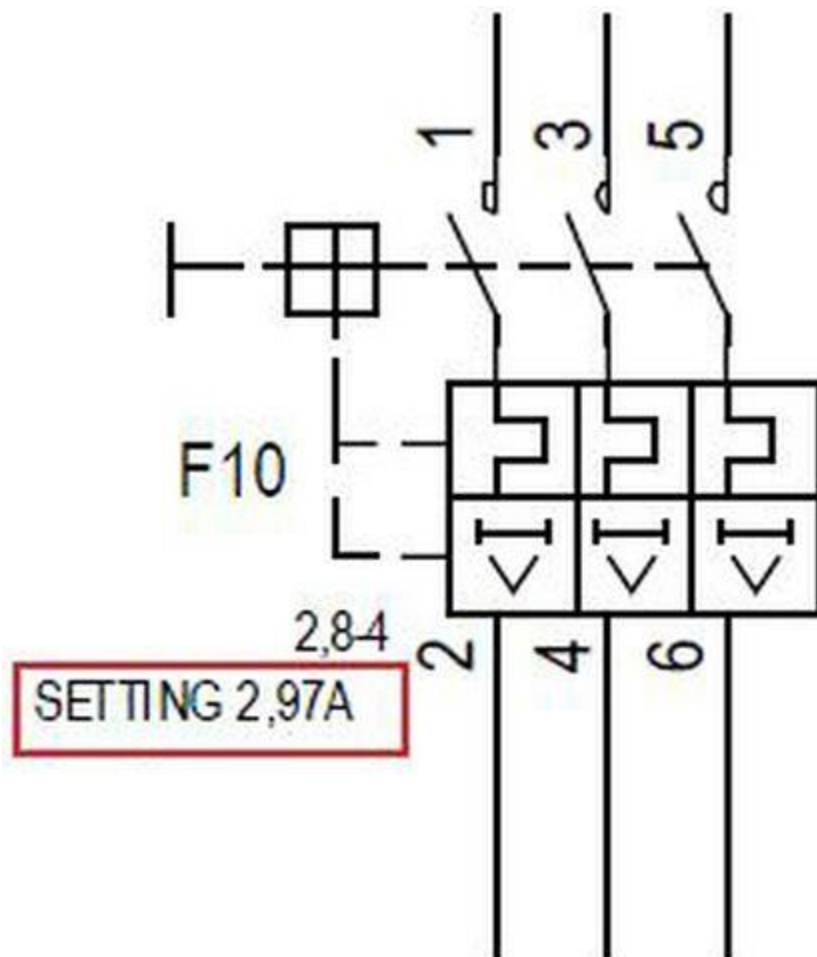
IN THE AT2 CABINET:

Check the INPUT/ OUTPUT voltage(F10/F16)

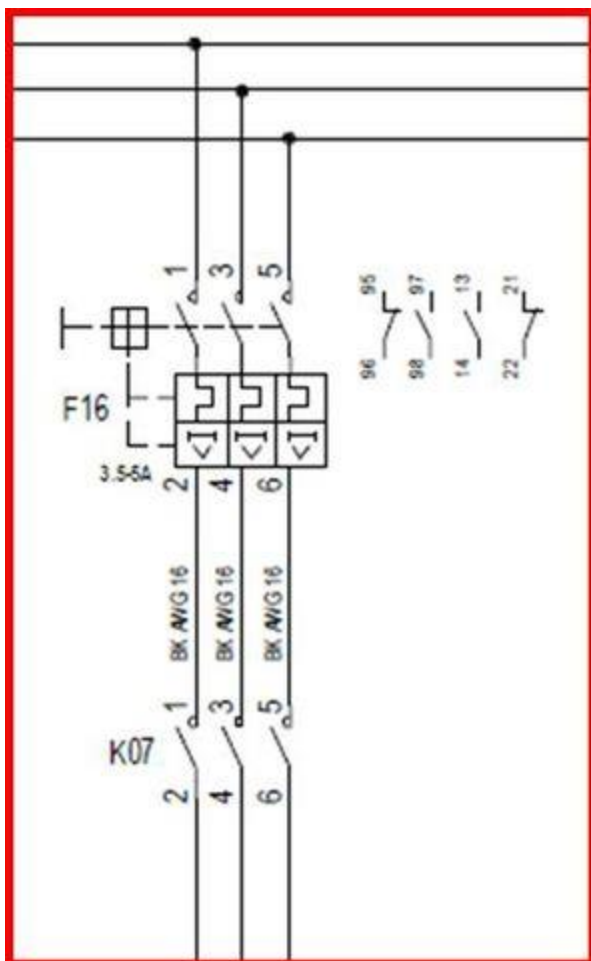
Check the MCB function

Check the required current setting in the MCB:

50Hz

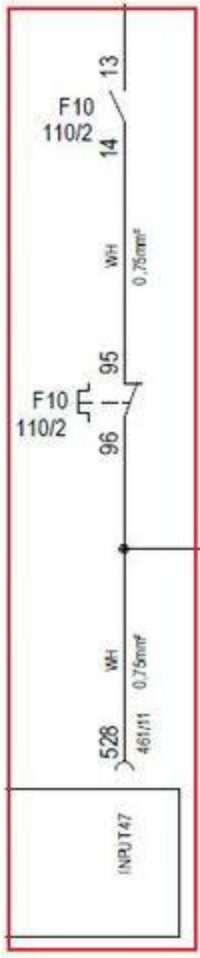


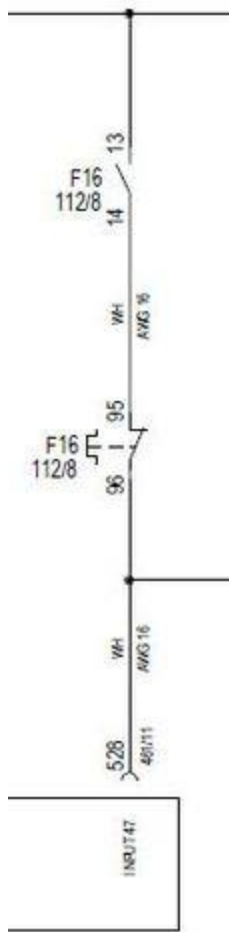
60Hz



Check for loose connection in the terminals.

Check the auxiliary relay function input to TOI.





If defective replace the MCB.



Relevant spare parts	
Description	Item No.
CB 3RV1121-1EA10 2.8-4.0A	60004750
CB 3RV1121-1FA10 3.5-5.0A	60004751
AUX CONTACT 3RV1901-1E	60004778



Check the INPUT/ OUTPUT voltage

Check the loose connection in the terminals,

If defective replace the contactor.

Relevant spare parts	
Description	Item No.

CONT 3RT10161AP02 230V 50/60HZ	60004394
Auxiliary Contact for Q10/K07	60004433

Replace the defect cable

Does this solve the problem?

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

- **Explanation**
N THE NACELLE:

Check the incoming cable connection and connectivity from Control panel (+AT2) to box (+AN4)

Connection terminal X01 (Pin no: 28,29,30)

+AN4



Check the cable (W352) connection and connectivity box(+AN4) to Control panel box (+AN1)

+AN1



Check the cable connection and connectivity from Control panel box (+AN1) To feeder motor terminal box (W311)

Replace the defect Motor

Does this solve the problem?

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

- **Explanation**
IN THE NACELLE:

Check the input voltage.



Check for loose connection in the terminal box.

Operate the motor and listen for faulty bearings or abnormal noise of any kind.

Remove the STAR / DELTA connections and measure the resistance value of the windings.

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

If the Motor is found to be defective replace the Motor

Relevant spare parts	
Description	Item No.
MOTOR EI. 4AP112M-6S-B5-4/6 2.	60073425

Relevant documentation	
Description	DMS No.
Replacement of Pitch motor SWI	0001-8482



Replace defective Pitch main pump interlock relay

Does this solve the problem?

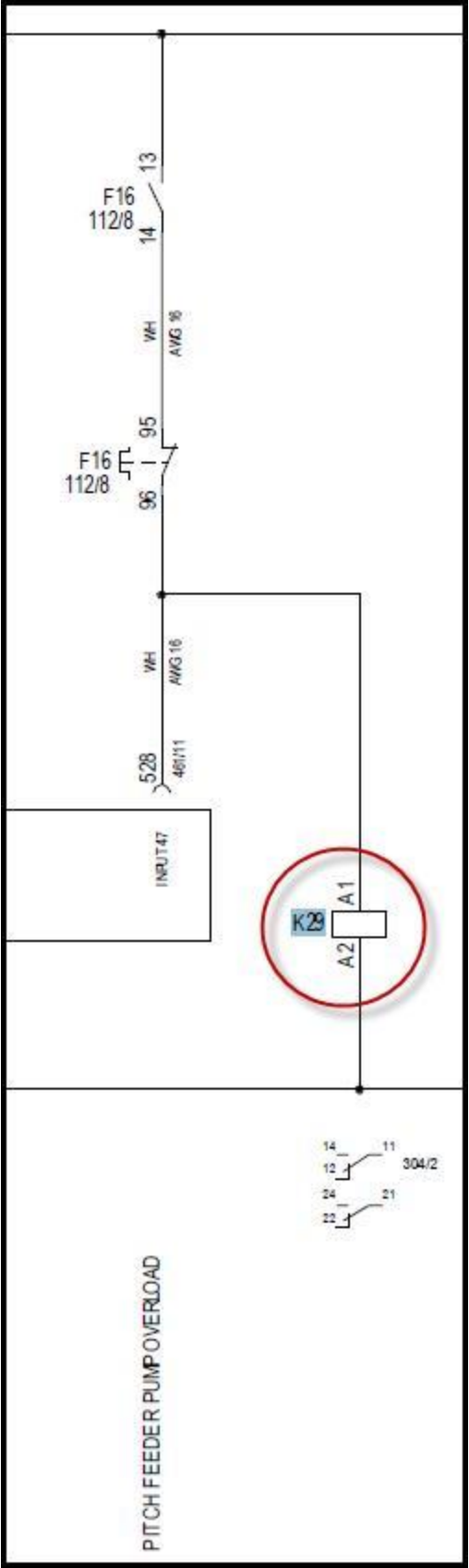
1] Yes

2] No

3] I don't know

- **Explanation**
IN THE AT2 CABINET

Check the feedback line from pitch feeder pump which is also connected to pitch main pump interlocking relay coil F29. Faulty K29 coil will disturb the pitch feeder pump feedback. Check K29 relay coil resistance value and on intermittent faulty condition K29 should be changed.



Replaced the Defect Couplings

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
IN THE NACELLE:

Visually inspect the coupling for any damage and that the rubber element is in good material condition.

Check for any debris stuck in the coupling.

If the coupling is found to be defective or shows signs of excessive wear, replace the coupling:

Relevant spare parts	
Description	Item No.
COUPLING COMPLETE ND86	60120016
COUPLING ND86 P3U PUMPSIDE	60120013
COUPLING OMT R 82 RUBBERPART	60120014
COUPLING ND86 A MOTOR SIDE	60120015



Replace the Hydraulic Pump

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
IN THE NACELLE:

Check the pump out pressure through TAC-II

Operate the pump and listen for faulty bearings or abnormal noise of any kind.

If the pump is found to be defective replace the pump

Relevant spare parts	
Description	Item No.
GEAR WHEEL PUMP 52CCM 3SPA-52D	60073428



Replace the defect TOI

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**
IN THE AT2 CABINET:

Check the TOI output (RELAY OUTPUT 830 -833)



If defective replace the Tower TOI

Relevant spare parts	
Description	Item No.
TOI-II INTERF NM1500 TOWER	51701501