

Replace the defect TAC84 module

Does this solve the problem?

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

- **Explanation**

IN THE +AN1 CABINET:

Vibration sensor and Speed Sensor signals Connected to TAC84.

Check the TAC84 module parameters as per instruction

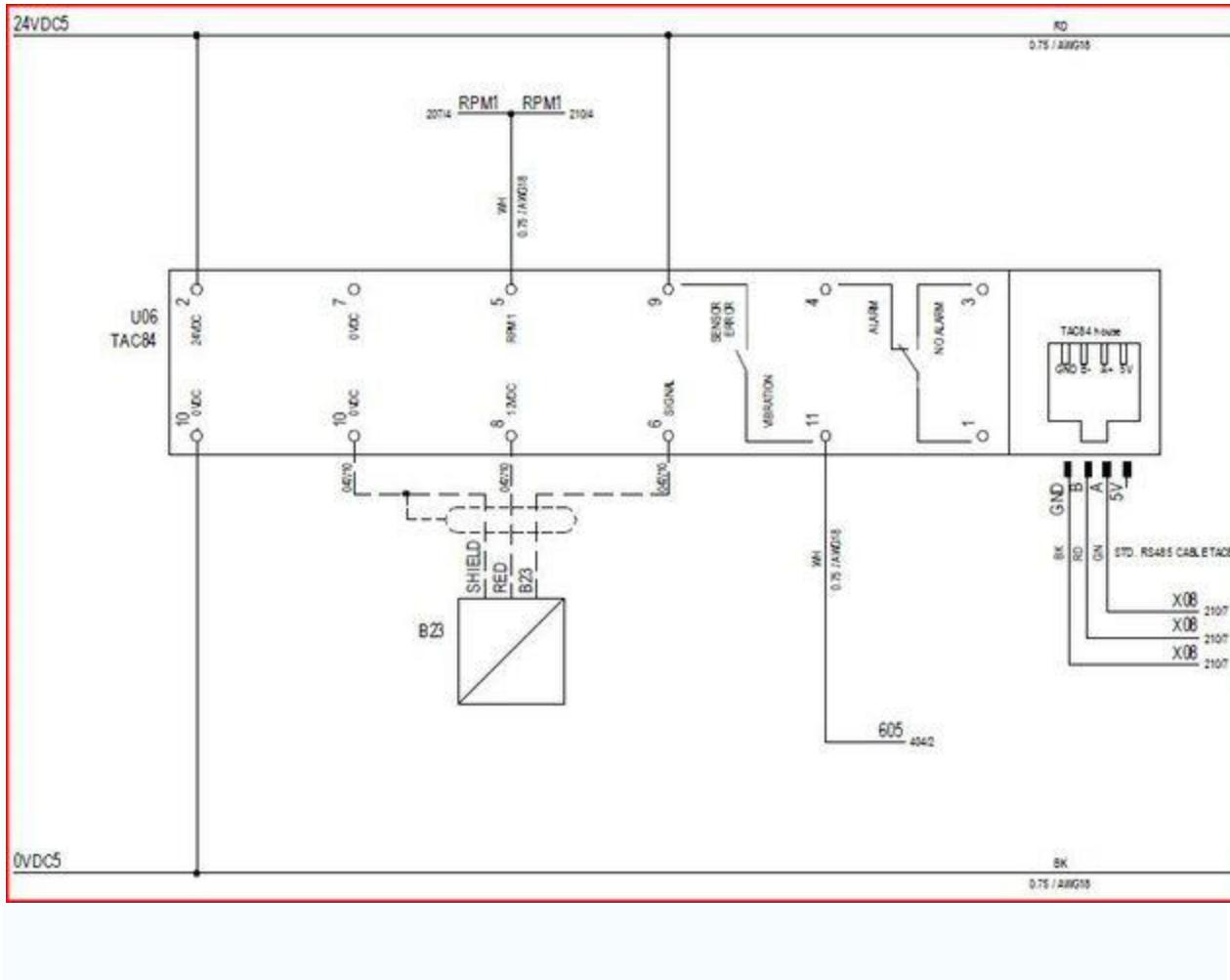
Settings for TAC 84 Edgewise blade vibrations

Relevant documentation

Description	DMS No.
TAC 84 Edgewise Vibrations Guard setting	17000068
Settings for TAC 84 Tower vib. guard	17000077
TAC 84 Dual Band Filter Program 1002121	4002534



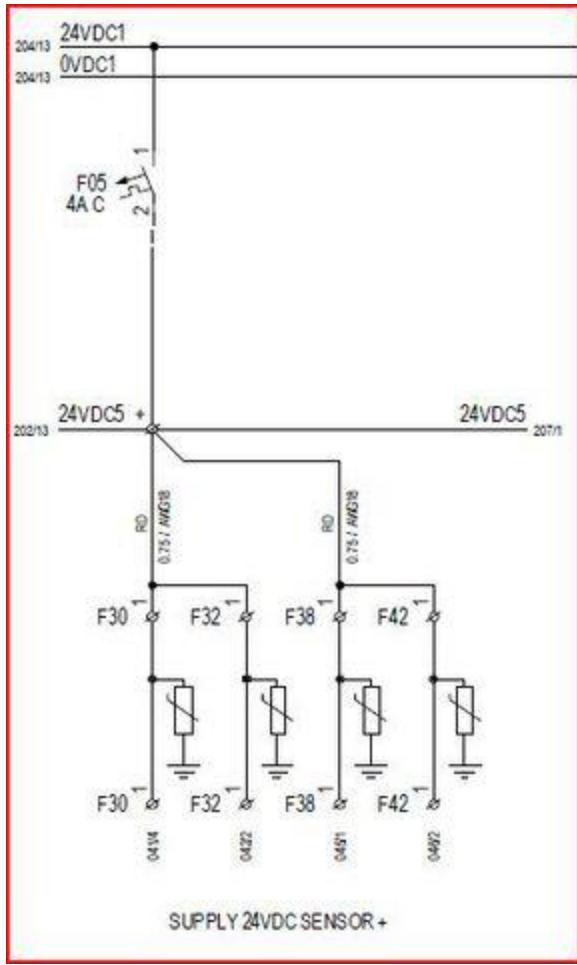
Check the TAC84 - Downwind module for any loose connections.





Relevant spare parts	
Description	Item No
TAC 84C VIB GUARD RS485 NMCS	51700101
PS ADC 5483R-3 10A-27,4 NM PIN	88453

Check the 24VDC5 circuit including power supplies G05 & G06 and F05 circuit breaker in the +AN1.



CIM case: [1390](#)

Replace the vibration sensor

Does this solve the problem?

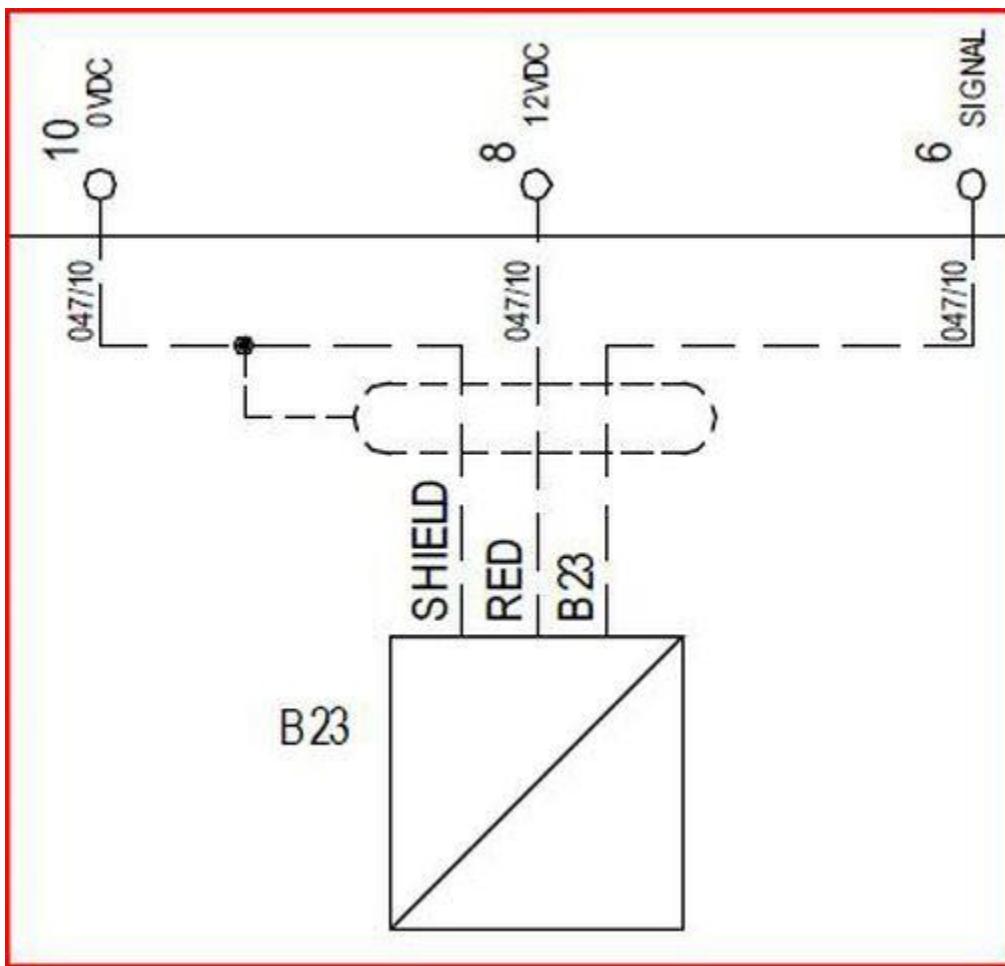
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**
IN THE NACELLE:

Check the vibration measured properly through TAC84 module.

If found defect replace the vibration sensors

Relevant spare parts	
Description	Item No
VS05E ACCELEROMETER 12M	51700101







Replace the defective speed sensor

Does this solve the problem?

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

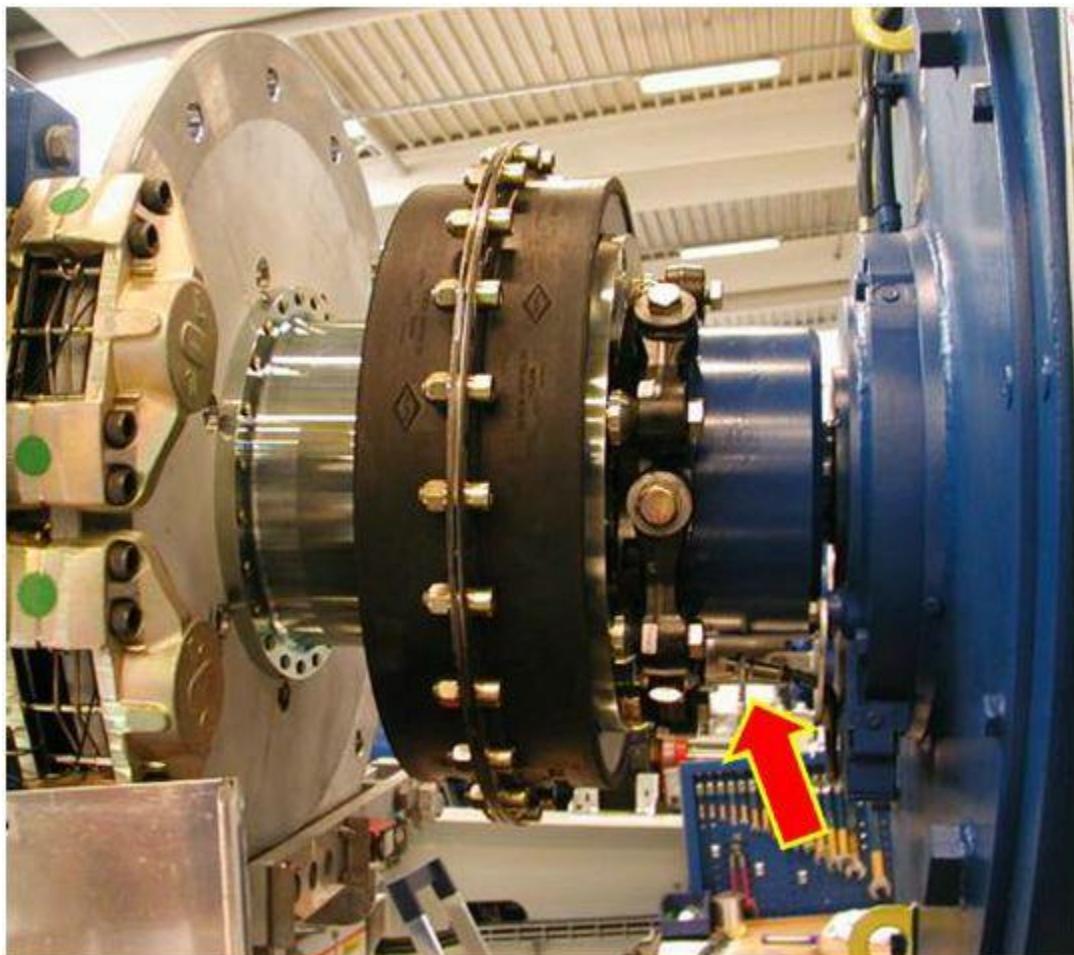
- **Explanation**
IN THE GENERATOR:

Check the generator speed sensor for any physical damage or dirt.

Check the speed measuring value through TAC84 Module

If found to be defective replace the sensor.

Relevant spare parts	
Description	Item No
PROXI SWITCH I1808PPOS1531 Ø18	60009270



Adjust the distance between the Inductive sensor and the scanning points as per Instalation and service data.

Relevant documentation	
Description	DMS No.

Replace the defective cooling fan

Does this solve the problem?

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

- **Explanation**

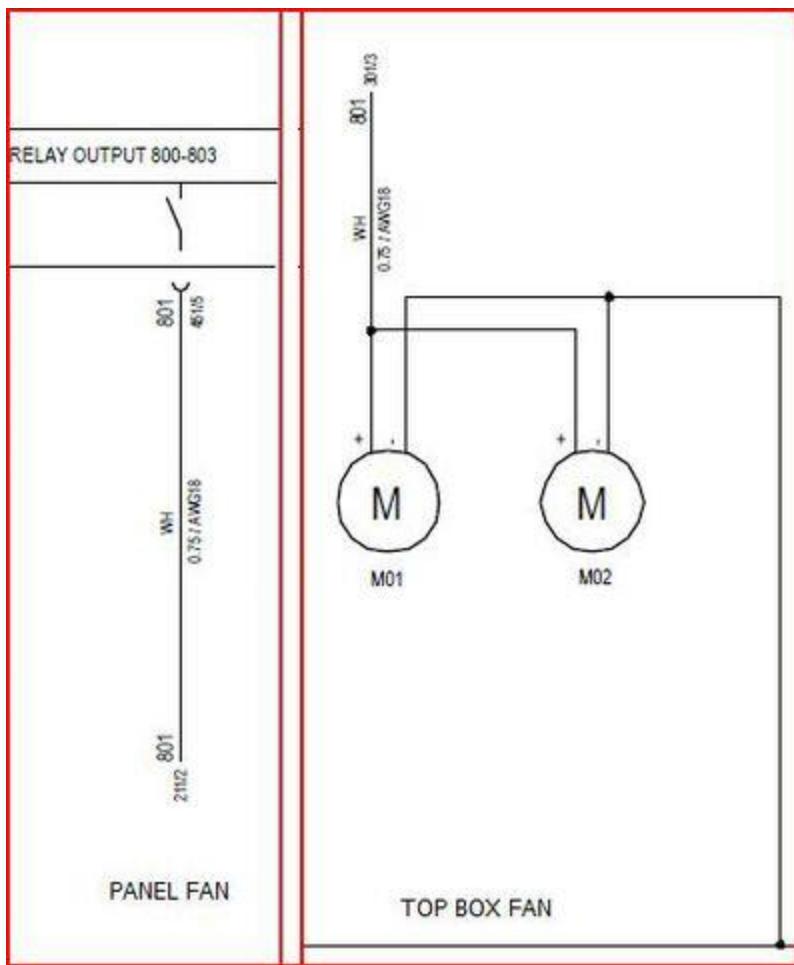
IN THE +AN1 CABINET:

Check that the top box cooling fans are working as designed. High temperature in the AN1 cabinet may cause the relay inside the TAC84 module to malfunction.

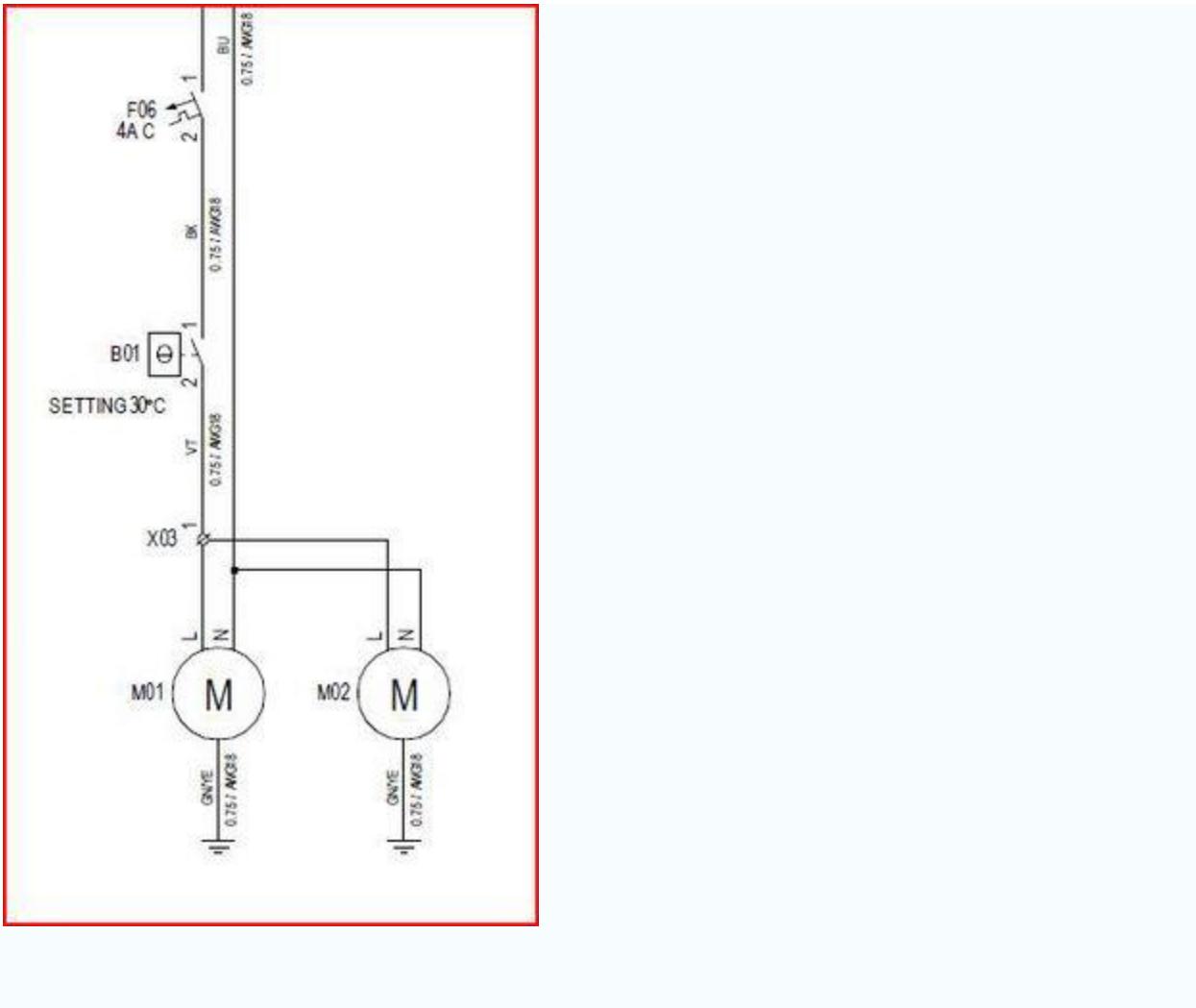
If one or both of the AN1 cooling fans are found to be defective, replace them with new.

Check the heater setting and ensure the set value is @ 30°C.

MK1 and MK2: (24V DC)



MK3 and Above (230V)





Relevant spare parts

Description	Item No
FAN 55M3/H 24VDC (MK1 & MK2)	60014631
FAN 55M3/H 230V (MK3 and above)	60108632