

Replace defective RS232/RS485 CONV I-7520 ICP

Does this solve the problem?

1] Yes

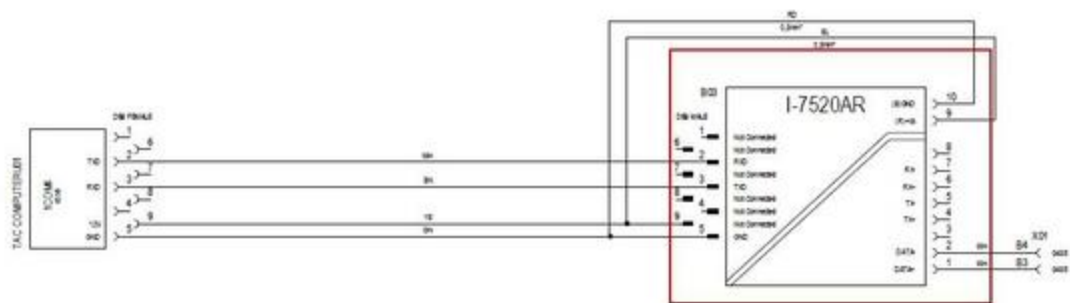
2] No

3] I don't know

- **Explanation**
+AT2 Panel:

Check the connections at the ICP RS232/RS485 converter in the AT2 panel. Check for loose wires and plugs or corrosion at the converter.





	Property of Vestas Wind Systems A/S. This drawing must not be passed on to any person, nor be copied, or other wise made use of without our approval.			Date	Initials	Function	RS485 comm. to +AT1 Top Panel						
			Designed	070628	FLT	Project title	Control Panel +AT2 V82-1.65MW Mk5 50Hz						
			Approved	070628	FLT	Comments			Customer	Vestas Wind Systems A/S			
			Revised	070628	IN	Rev	-	Drawing no.	934704	Cont. sheet	505	Sheet	54
			VESTAS PROPRIETARY NOTICE										

Relevant spare parts

Description	Item No.
RS232/RS485 CONV I-7520 ICP	60004927

Note:

The below errors also may occur due to this defective cable core;

[398](#) TAC-84 COMMUNICATION FAULT

[590](#) TAC 84 DOWNWIND COM. FAULT

[595](#) TAC 84 LATERAL COM. FAULT

[222](#) WIND SENSOR LEFT FAULT

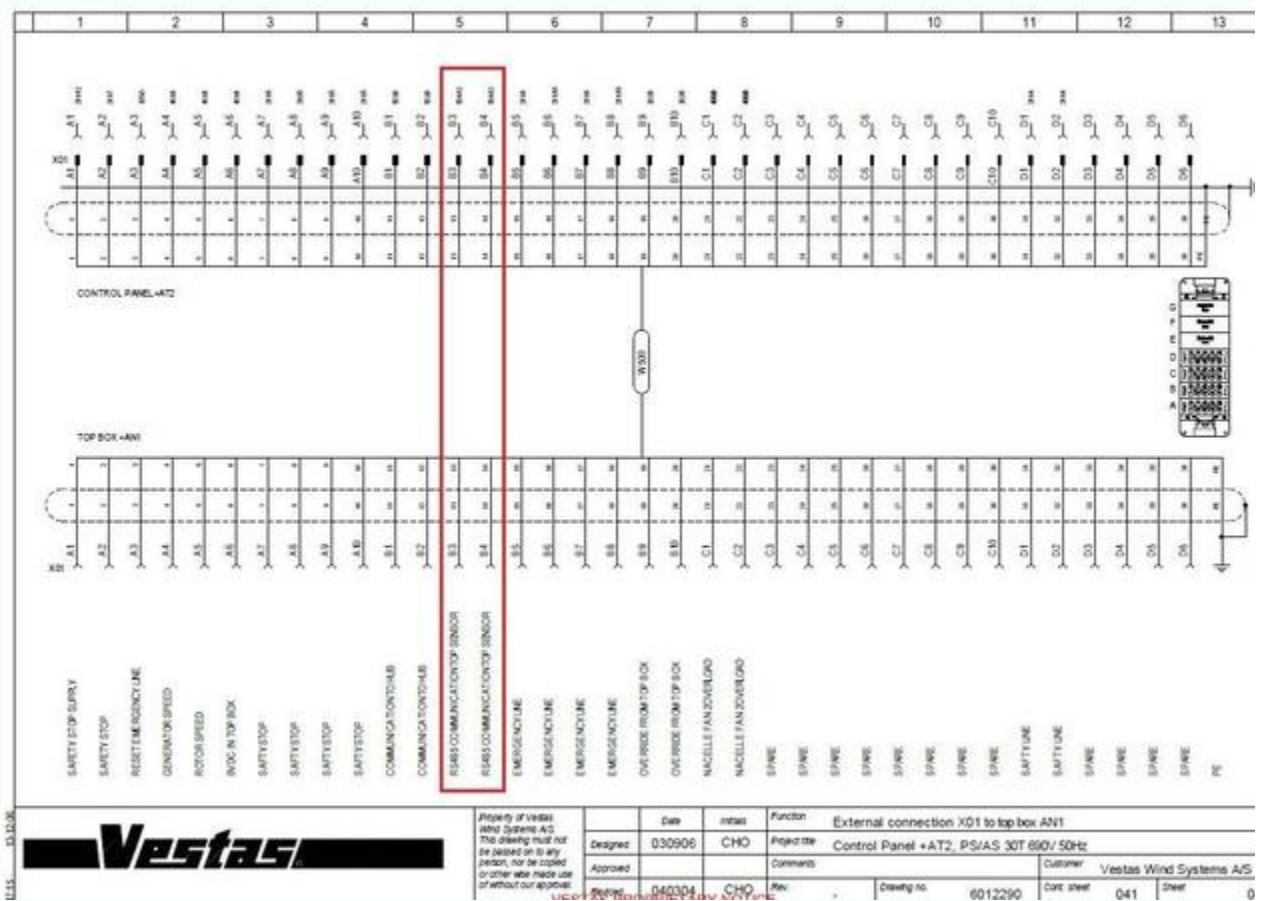
223 WIND SENSOR RIGHT FAULT

Check & repair cable connections

Does this solve the problem?

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

- **Explanation**
Check the continuity of B3 & B4 cores in cable W500 and replace with spare core, if no continuity.



Note:

The below errors also may occur due to this defective cable core;

[398](#) TAC-84 COMMUNICATION FAULT

[590](#) TAC 84 DOWNWIND COM. FAULT

[595](#) TAC 84 LATERAL COM. FAULT

[222](#) WIND SENSOR LEFT FAULT

[223](#) WIND SENSOR RIGHT FAULT

Replace the faulty wind sensor

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

A faulty wind sensor may cause the drop in communication line for TAC84, TAC84 Lateral, TAC84 Downwind, and TAC85 as all these RX/TX connected at the same port. Remove the sensor cable in AN1 panel to see if the communication on TAC84 & 85 recovers.

If communication restored, then the problem could be FT wind sensor may failure and doing a malfunctioning in the common communication path.

Relevant spare parts	
Description	Item No.
WIND SENSOR US FT702LT	60111943
WIND SENSOR US FT702LT V22	106510

NOTE: A faulty wind sensor will always cause a number of other related warnings;

Note:

The below errors also may occur due to this defective cable core;

[398](#) TAC-84 COMMUNICATION FAULT

[399](#) TAC 85 com fault

[590](#) TAC 84 DOWNWIND COM. FAULT

[595](#) TAC 84 LATERAL COM. FAULT

[222](#) WIND SENSOR LEFT FAULT

[223](#) WIND SENSOR RIGHT FAULT