

Measuring the Voltage .

Battery power to the BG232 and Bus power out on the bus cable



1

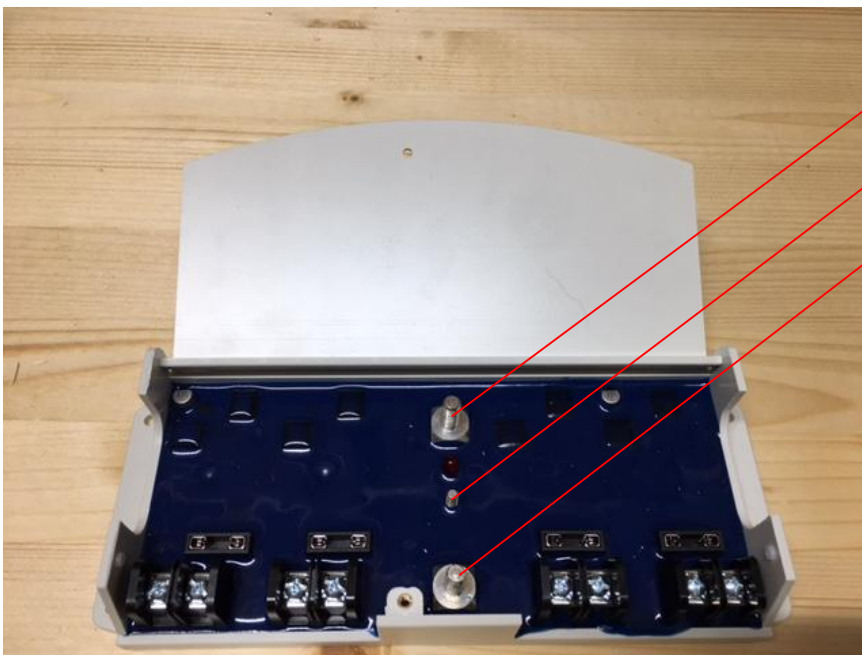
2

3

A
Mesaure the Battery power to the busgenator BG232.
Between 1 and 2

B
Mesaure the power on the buscable for the different nodes I the system
Between 1 and 3

The battery power on the main cable .
The Bus power on the bus cable.



4

5

6

C
Measure to see if the unite has battery power.
Between 4 and 6

D
Measure to see if the bus cable (communication cable) has power.
Between 5 and 6

A

If the power is 12v or 24V then it is OK.

If there is No power you have to check for broken cable/fuse between the battery and the BG232.

B

If the power is 12v or 24V then it is OK.

If there is No power and A is Ok then it is something wrong with the Bus generator.

C

If the power is 12v or 24V then it is OK.

If there is No power you have to check for broken cable/fuse between battery and unite.

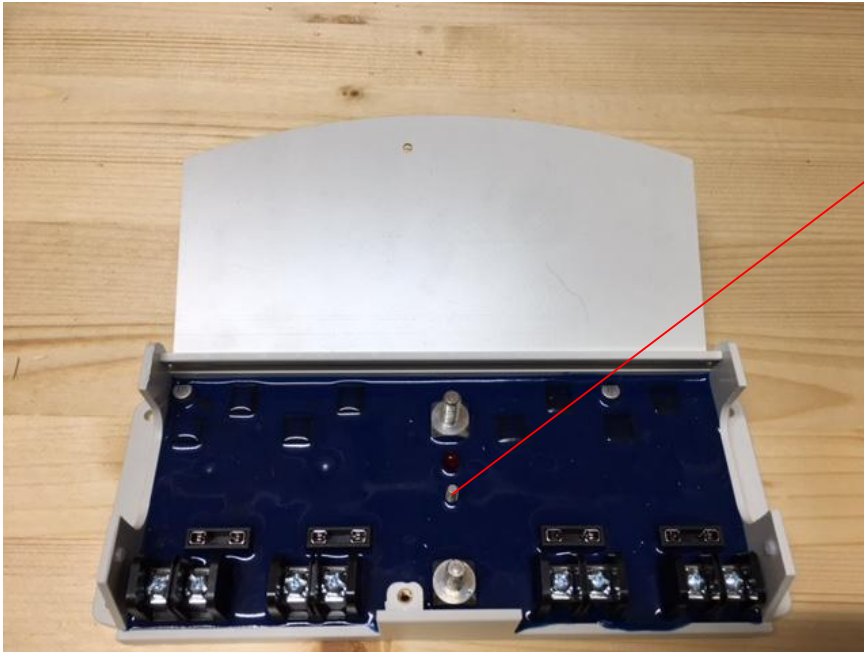
D

If the power is 12v or 24V then we know that the unite receives bus signalls it is OK.

If there is No power and B is OK you then have to check for broken bus cable between the Bus generator and the Unite.

To find out if there is a communication problem and which unite causes it.

On the boat you have 4 unites as of picture. Dismount the communication cable on after each other. When one has been disconnected check if the system works. Follow this procedure until all 4 unites at the same time are disconnected.



Disconnect the cable and put it to the side.
 Be sure not to cause and short circuit.
 It is good if the two cables are protected with tape.