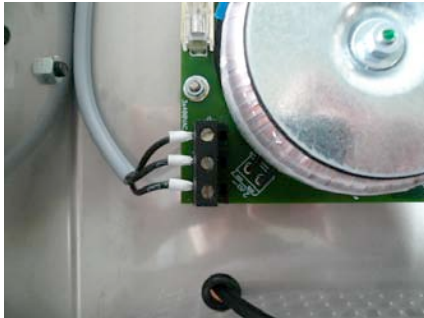


FAQ_PM_003 "Phase voltage error" or the voltage value on the touch screen is much lower than on the main terminal!

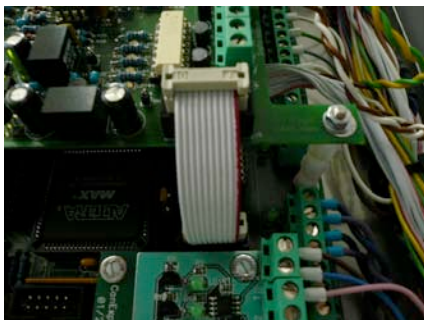


If the voltage value drops below 350 V the error message "Phase voltage error" shows up.

Check the main supply: L1 / L2 / L3.



Check also the input directly inside the PM.

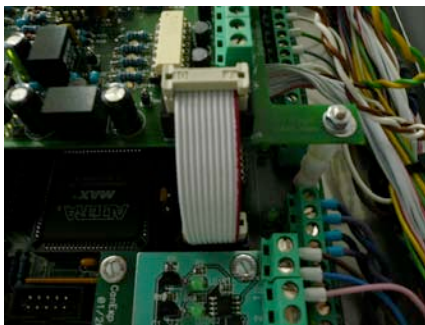


QM board defect?

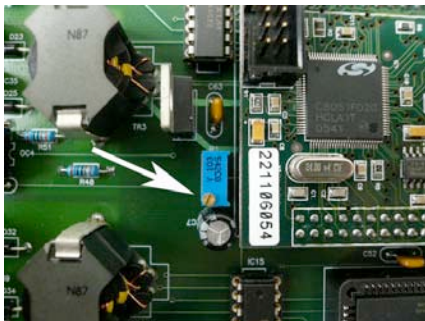
A reason for a voltage error could also be a defect on the QM board, which receives its supply from the elec. board of the PM. To verify a defect you can remove the supply cable. The voltage value should go up around 20V (e.g. 375V to 395V), which is normal. If the increase much bigger than 20V the QM board has a defect and need to be replaced.

The voltage value on the touch screen is much lower than on the main terminal!

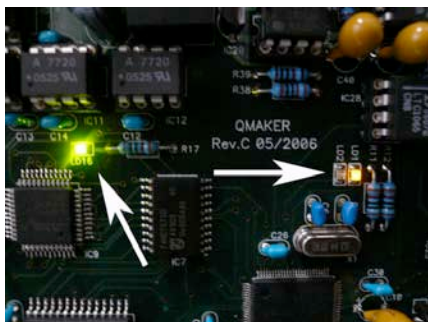
As a matter of fact, this electrical balancing of the two values has been done by CANMAN prior to the delivery. If there is a discrepancy you can adjust it.



You have to lose the small electronic board of Qualimaker (if applicable). This board is supplied by the big electronic board of PM. If you remove this supply cable, the voltage value goes up around 20V (e.g. 365V to 385V), which is normal.



Now measure the input of terminals, for example 385V. Turn the small blue potentiometer (picture). Control the value on touch screen. Must be around 20V more than the measured value, if you have a QM board. If you have adjusted it, connect the supply of QM and now you have the correct value on touch screen.



For the correct function of Qualimaker please check the 3 LED's:
 LD16 = state of profibus connection, must be on every time.
 LD1 = program state, must be on every time.
 LD2 = clock(cycle) of program, must be blinking.