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ALPHA POWER SUPPLY MODULE TEST: HIGH VOLTAGE

TO MAKE AN ALPHA POWER SUPPLY MODULE (REGULAR VOLTAGE) COME UP WITH "- -" ON THE DISPLAY AND 600 VOLTS DC OUTPUT ACROSS THE BUSS:

- Kill power, let the charge lights go out, and then check for a DIRECT SHORT between the top and bottom buss bars.
- If you have a DIRECT SHORT, disconnect modules until the short goes away.
- If you do not have a DIRECT SHORT, follow the steps below.
- Be sure to measure the leg-to-leg AND leg-to-ground voltage into the power supply module.

1.) Supply 3-phase input into L1, L2, and L3 bottom of power supply (400-480V AC leg-to-leg & 200-260V AC leg-to-ground).

2.) Supply 200 volts input into CX1A connector.

3.) Jumper out the top and bottom pins of the three pins on the CX3/MCC *cable coming into the PSM.*

4.) Jumper out the top two pins of the three pins on the CX4/ESP E-Stop *connector on the PSM.*

5.) Have *all* screws on the DC buss installed and tight.

WITH THESE THINGS DONE YOU SHOULD HAVE "- -" ON THE DISPLAY AND 600 VOLTS DC ACROSS THE BUSS. IF YOU DO NOT, THEN REPLACE POWER SUPPLY.