ARGUS
Total Power Solutions
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CXCM2 Cordex Controller Replacement Procedure

Summary

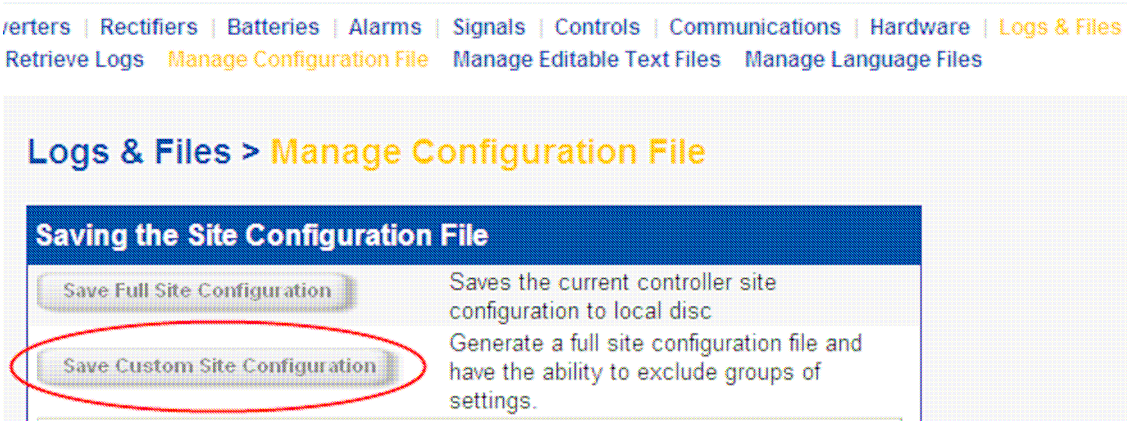
This procedure describes the process of removing and replacing the CXCM2 modular controller from the 1.8kW shelf after inhibiting the low voltage disconnect and preserving any custom settings.
Note: Any system software changes made on site would need to be transferred, by backing up the configuration as shown in step 1 and 2. The replacement CXCM2 unit will ship with with the factory original configuration specified for your setup.

Tools/Information Required

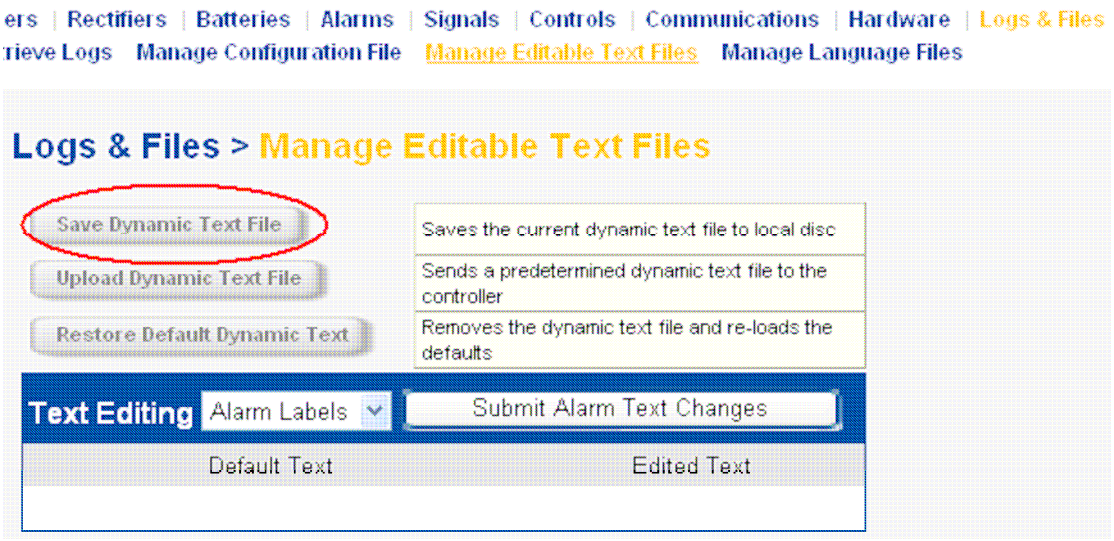
- Voltmeter
- Ethernet crossover cable
- Philips screw driver

Preparing for Removal of CXCM2

1. Save CXC configuration file if necessary (see software manual).

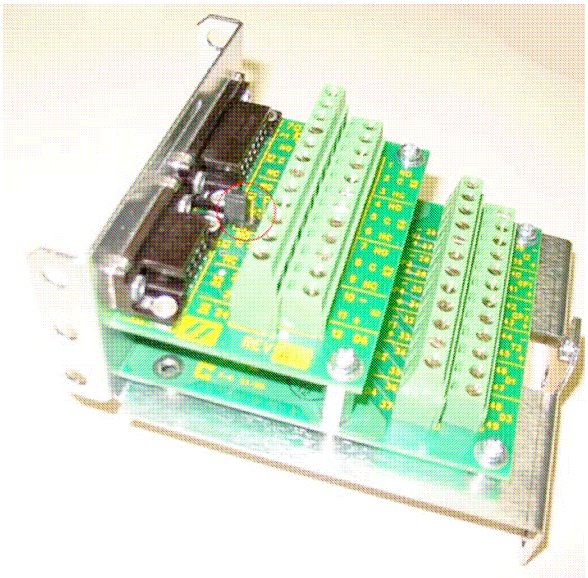


2. Save CXC text file if necessary.

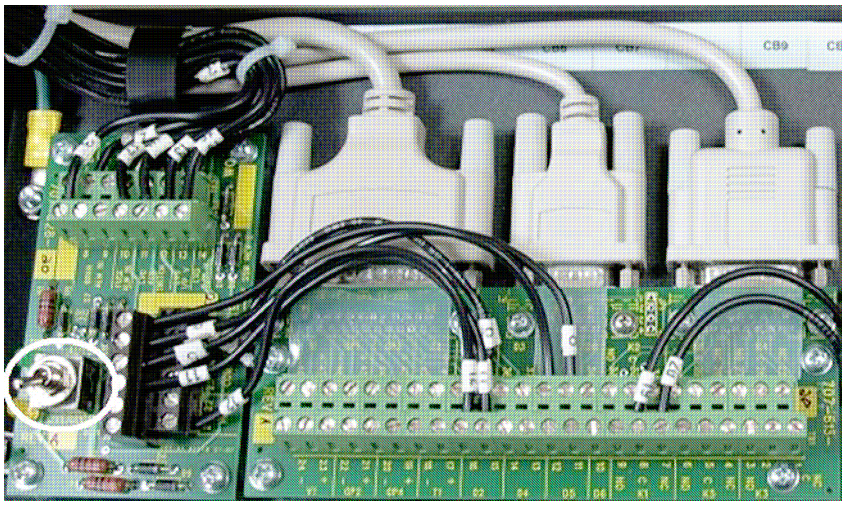


<u>Bypass system LVD by setting override switch</u>
CAUTION: If the LVD is not bypassed, the DC loads will be shut down when the wiring to the controller is removed. Remove the DB connectors from I/O Terminal Block

3. Standard Customer Connections on the I/O terminal block for the 1.8kW Shelf:
   P3 JUMPER SETTINGS (FOR LVD CONTROL INHIBIT FUNCTION):
   SHORT PINS 1 AND 2 IF LVD IS CONTROLLED ON K1-NC CONTACTS TO MAINTAIN OPERATION.
   SHORT PINS 2 AND 3 IF LVD IS CONTROLLED ON K1-NO CONTACTS TO MAINTAIN OPERATION

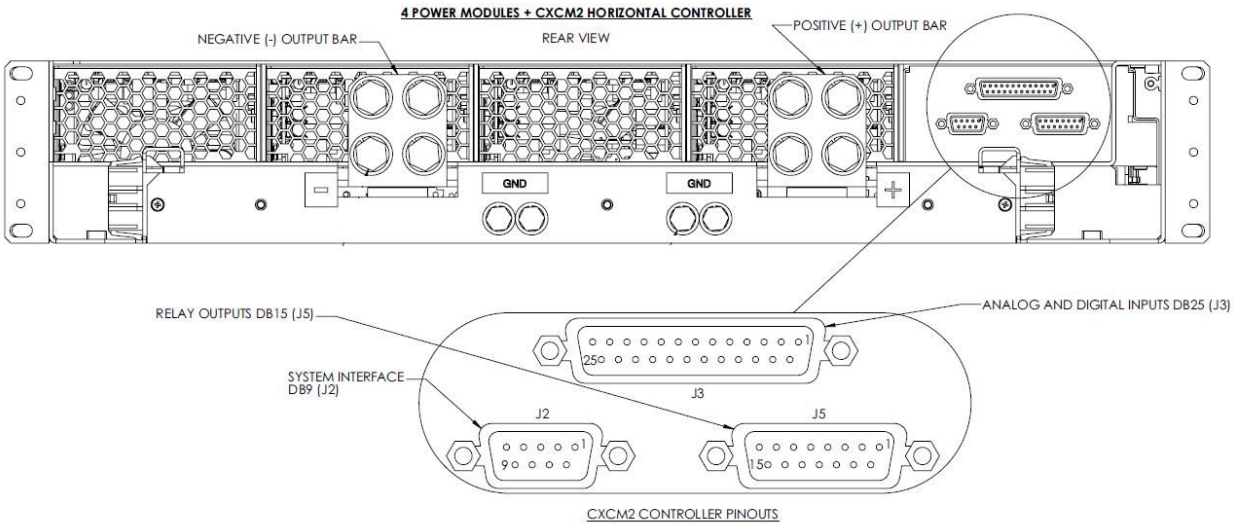


300A UDC Connections:
Bypass system LVD by setting override switch on UDC to OVERRIDE.
Remove DB Connectors from the I/O Board.

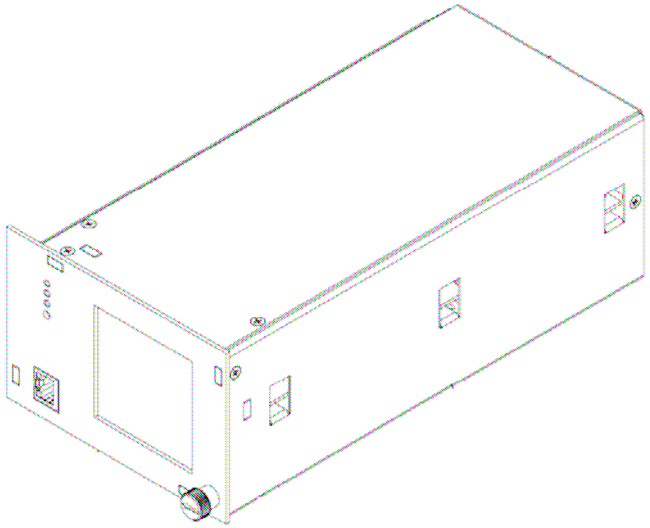


Removal of CXCM2

4. Remove signal wires (via DB connectors) from CXC.

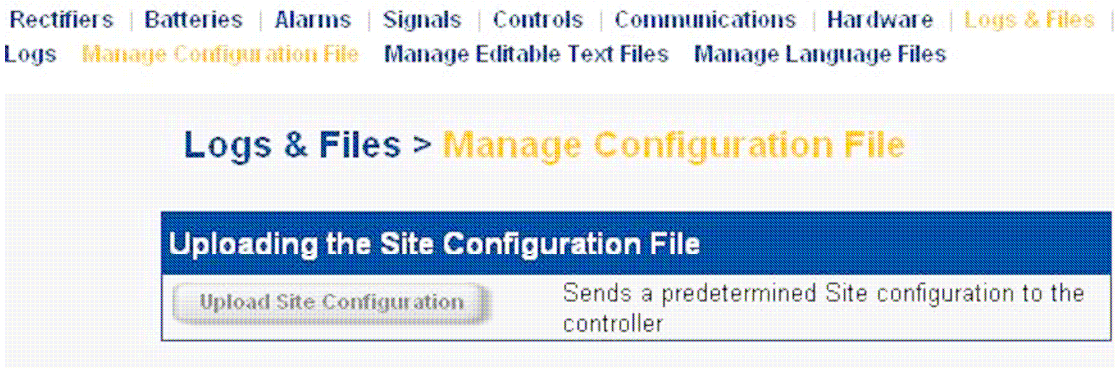


5. To remove CXCM2, turn the screw on the bottom of the faceplate a quarter- rotation clockwise. Grasp thumbscrew and pull out of the shelf.



Replacement of CXCM2

6. To install a CXCM2, place on the top shelf, slide into position, and turn latch (near the bottom of the faceplate) to secure to shelf.
   CAUTION - Do not push on the LCD.
7. Connect the DB Connectors at CXCM2 first before connecting back the other end to the UDC I/O Board.
8. Upload original configuration file to restore setup.



9. Use a meter to verify calibration of the system voltage, temperature and current shunt. Recalibrate if needed following attached calibration procedure.
10. Remove LVD bypass.

Thank you for choosing Argus Technologies