

Appendix Q

PS 300 110/220 VAC Power Adaptor Kit Installation Instructions

This kit (assembly part no. 44-046442-001) provides all hardware needed to modify one CP 300 Series control panel for direct connection to a 110/220 VAC power line. The CP 300 Series includes the CP 300, CP 310, CP 320, CP 328, and CP 330.

The kit includes an add-on chassis (which mounts on the rear of the panel) and a detachable, 3-prong AC power cord. The chassis measures approximately 12 in. wide x 5 in. deep x 1-3/4 in. high and includes a TE/PE grounding strap and fuse holder.

MOUNTING PROCEDURE

1. Disconnect control panel, remove from rack.
2. Remove eight screws from rear of control panel as indicated in Figure Q-1.

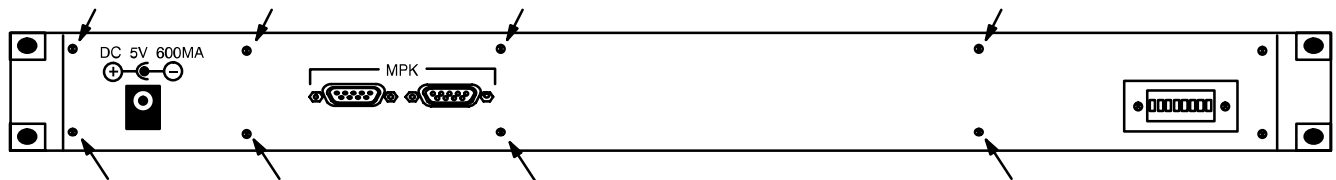


Figure Q-1.

3. Open top cover of PS 300 add-on chassis.
4. Using the eight screws provided, attach top cover of add-on chassis to rear of control panel.
5. Insert DC plug and MPK 9-pin D connectors from add-on chassis into their respective connectors on the control panel. Secure the 9-pin D connectors with the screws provided (the ribbon wires will have a half-twist when finished).
6. Slide lower half of add-on chassis into position. Secure with twelve #4 counter-sunk screws (three on the top, three on the bottom, and three on each side).

7. Test power supply by applying power and noting lamp test.
8. Test MPK connections by attaching to Jupiter controller board (such as VM 3000 or SI 3000) and verifying operation through each connector.

For more information about the MPK cables, please refer to page 2-102.