

Description:

The MOV helps to regulate the voltage coming to the system. It clips high voltages at the supply before they can do damage to the torque controller.

Procedure:

1. On the PFS1-G or PFS2-G system, open the front door and pull out the module rack. Remove all SCMs.
2. Remove the two fasteners from the power inlet module. Slide out the power inlet module. (Note: power inlet module may not slide out all the way, and some cable ties may need to be cut to execute this step.)
3. Remove all three connections to the power inlet module: Line (black), Neutral (white), and Ground (green).
4. Disconnect the old MOV assembly. Do not reconnect.
5. Connect the new MOV assembly to the piggy back connectors of the line, neutral and ground connections. Match the wire colors, white to white, black to black and green to green. (Note: If there are any unused, exposed piggy back terminals, clip them off.)
6. Reconnect the assembly to the power inlet module. Reinstall the power inlet module and reattach its two fasteners.
7. Install all SCMs into the module rack, slide in the module rack, and close the front door.



CAUTION: Make sure that there are no wires across the module rack slides. Cut wires could cause a short circuit.