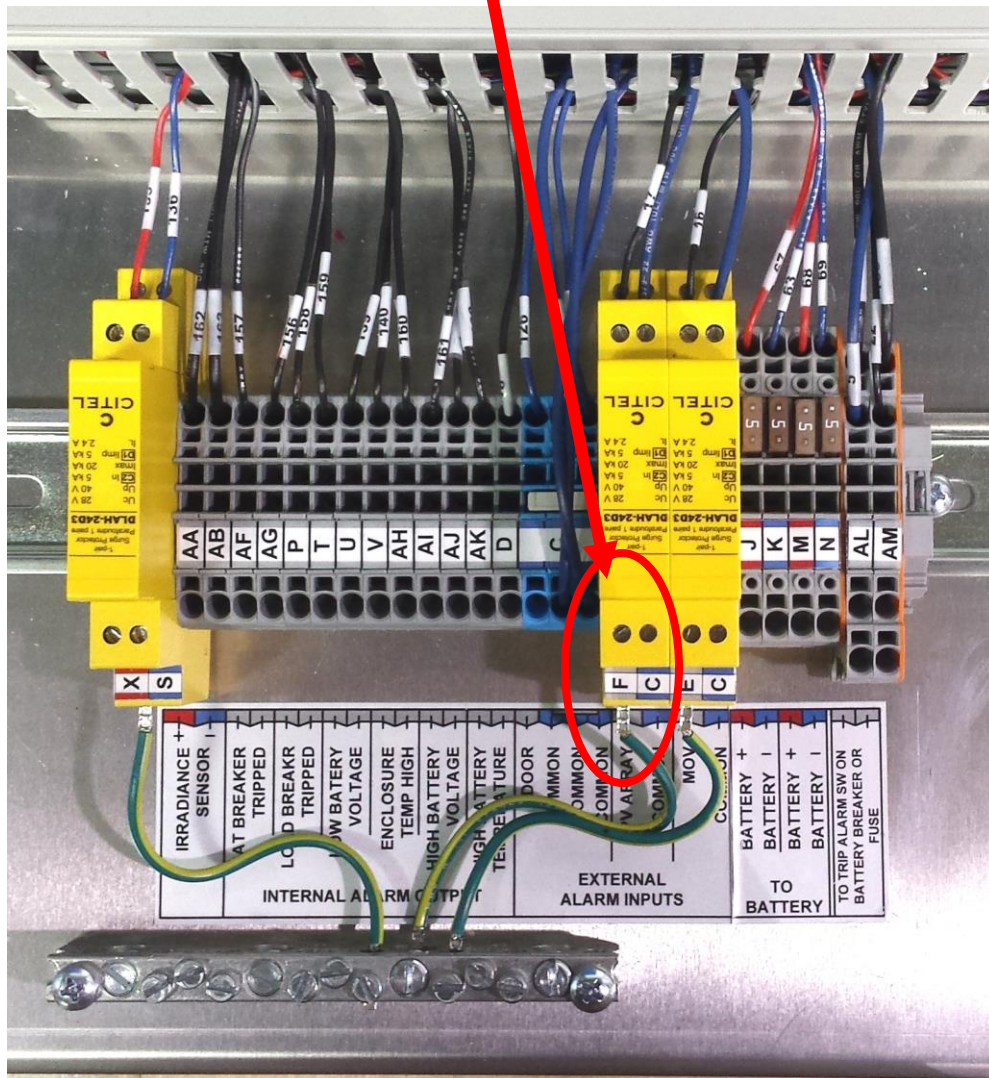
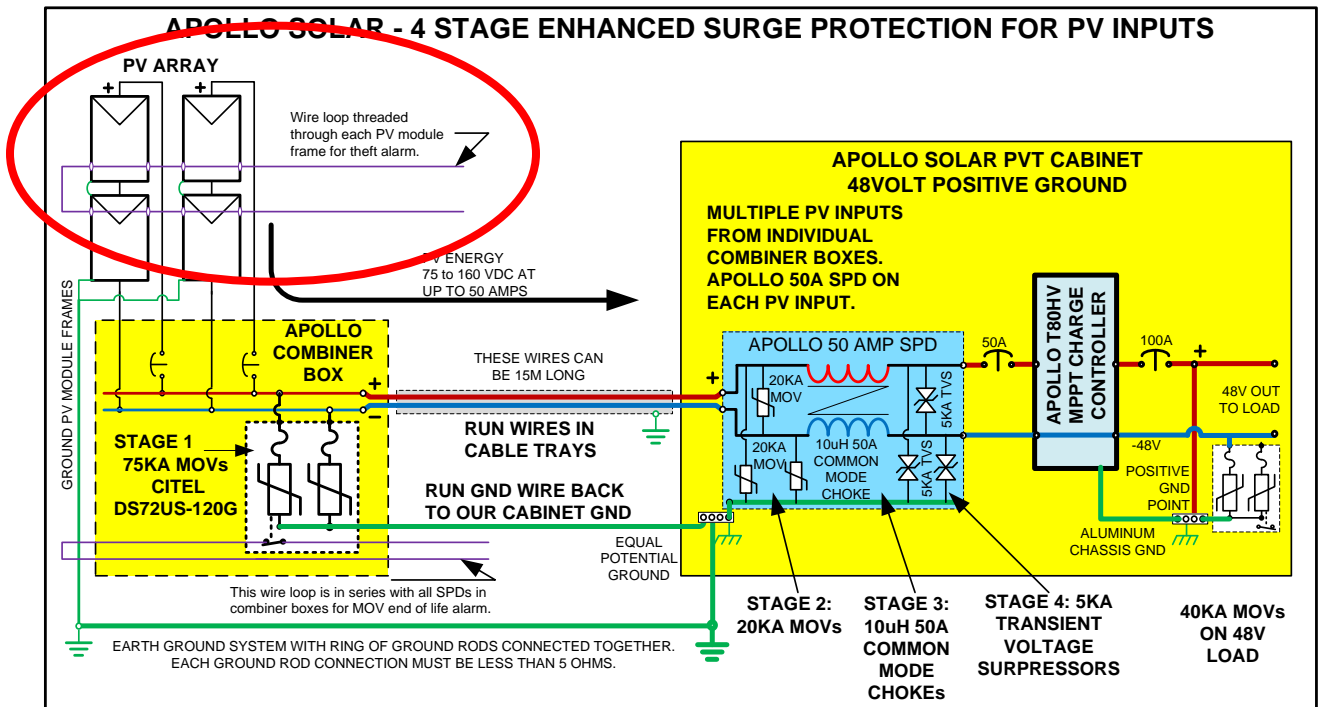




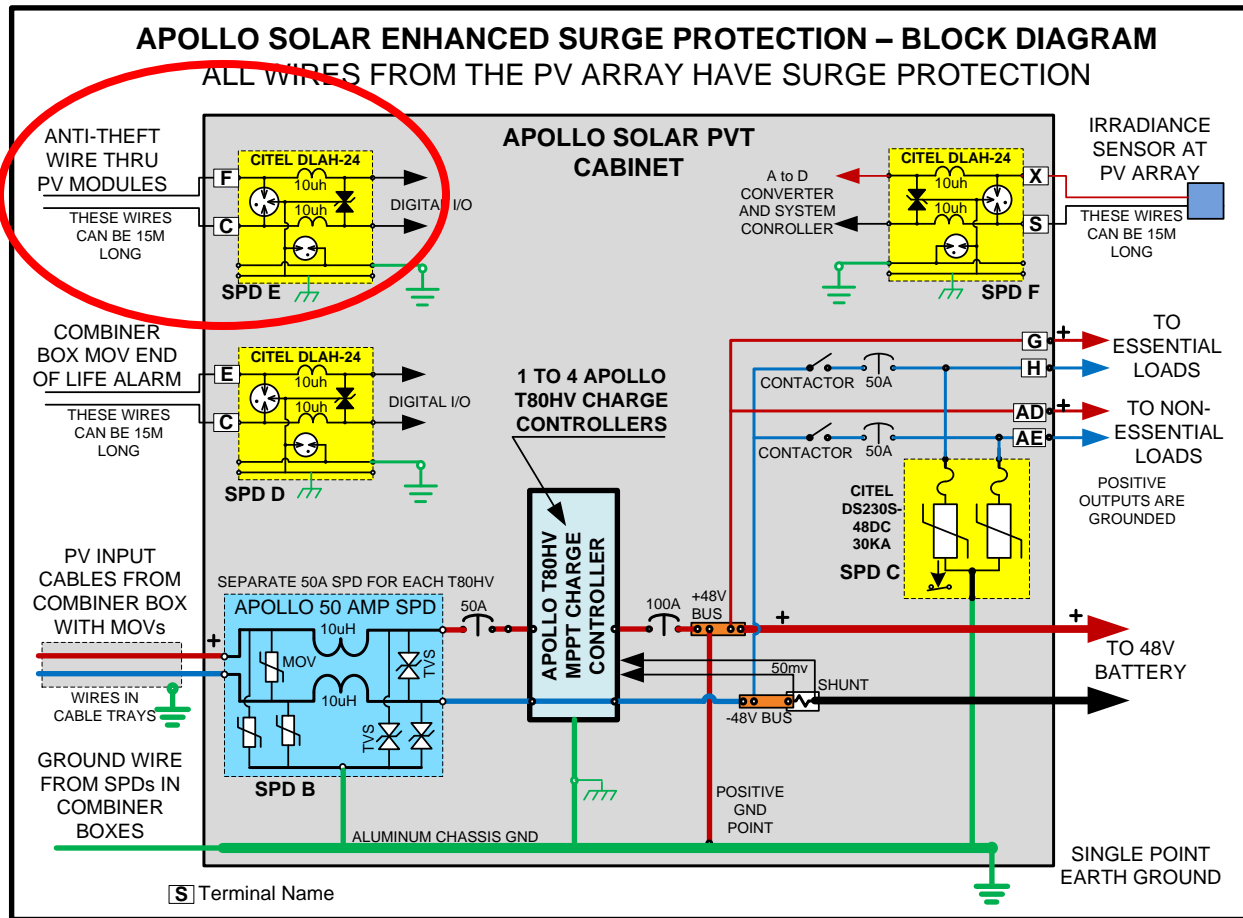
## WIRING THE PV ANTI – THEFT SYSTEM WITH THE ENHANCED SURGE PROTECTION OPTION

The PV Modules must have a small hole drilled in the frame. Then a wire must be threaded through each hole. The wire starts at the Apollo Cabinet at Connection “F” on the yellow Citel Surge Protection Device. The wires make a complete circuit and comes back to connection “C” on the same Citel device.



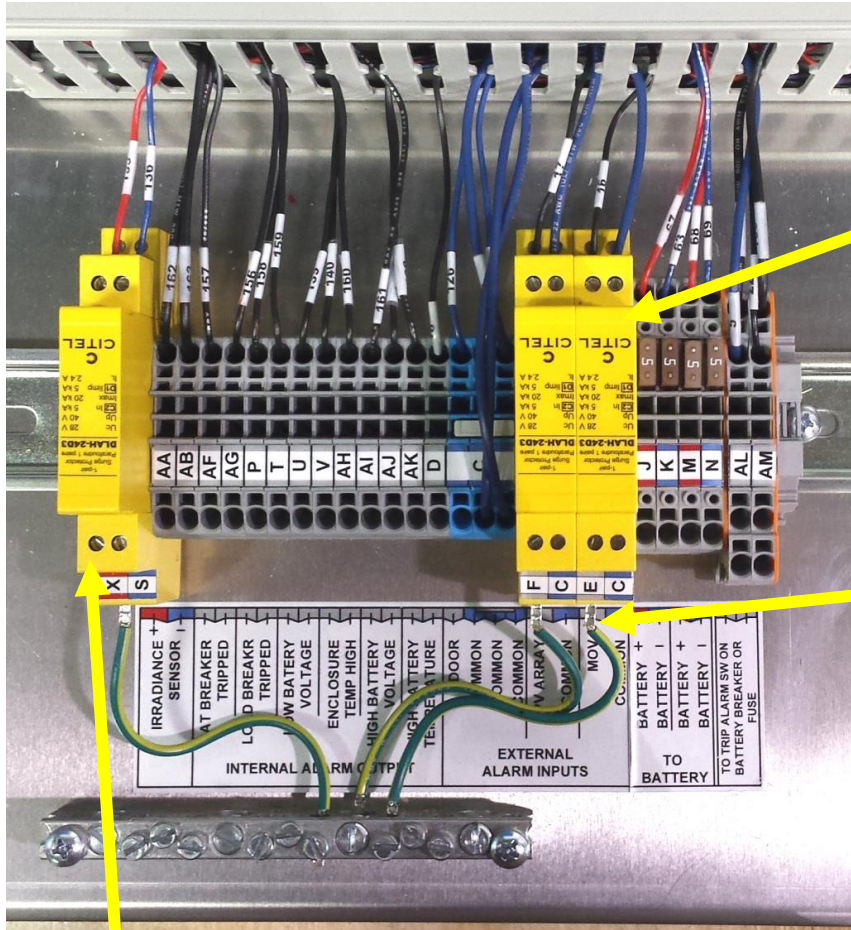


### 1 BLOCK DIAGRAM FOR THE LOW CURRENT WIRING



### 2 WIRING OF LOW CURRENT INPUTS

As shown in the Block Diagram above, all system wiring from the location of the PV array is protected with a Surge Protection Device (shown in Yellow) as soon as it enters the Apollo Solar panel. The external wires are meant to be connected directly into the input terminals on the Citel SPDs. The Terminal labels shown on the Block Diagram should be followed.



The connection labels for the low current wiring is shown in the photo at the left.

The Citel SPDs are not upside down. The terminals dictate this orientation.

The Ground wires for the SPDs are all in place and must not be removed.

**TORQUE VALUE FOR ALL CITEL DLAH SPD SCREWS = 0.5 N-m (4.4 in-lbs)**