

8.3 Troubleshooting Procedures

- If there are any questions or concerns while performing these Troubleshooting Procedures, contact VST at 937-704-9333.

8.4 Power to the VST Control Panel or PLC Controller is OFF

8.4.1 Control Panel General Information

- The VST Control Panels are pre-wired and tested prior to leaving the factory.
- Check all wiring connections to make sure they are properly connected.
 - **Figure 8-4:** Panel is powered from the ESO circuit directly, and wires are run from the Safety Switch IN and Safety Switch OUT terminals to a Safety Disconnect Switch near the GREEN MACHINE.
- The VST Control Panel is MET Listed to comply with UL Standard 508A, and CSA C22.2 No.14.
- If an electrical component has malfunctioned inside the VST Control Panel, all the electrical components **MUST BE** ordered from the Replacement Parts List (Chapter 9) in this manual.

8.4.2 Panel Power Alarm: Troubleshooting Steps

Steps	Procedures
1.	Check that the breaker is ON at the main electrical distribution panel
2.	Check that the station Emergency Shutoff (ESO) is not active
3.	Check that the Safety Disconnect Switch is powered ON at the GREEN MACHINE area
4.	If all the above steps are true and the panel still does not have power, call VST

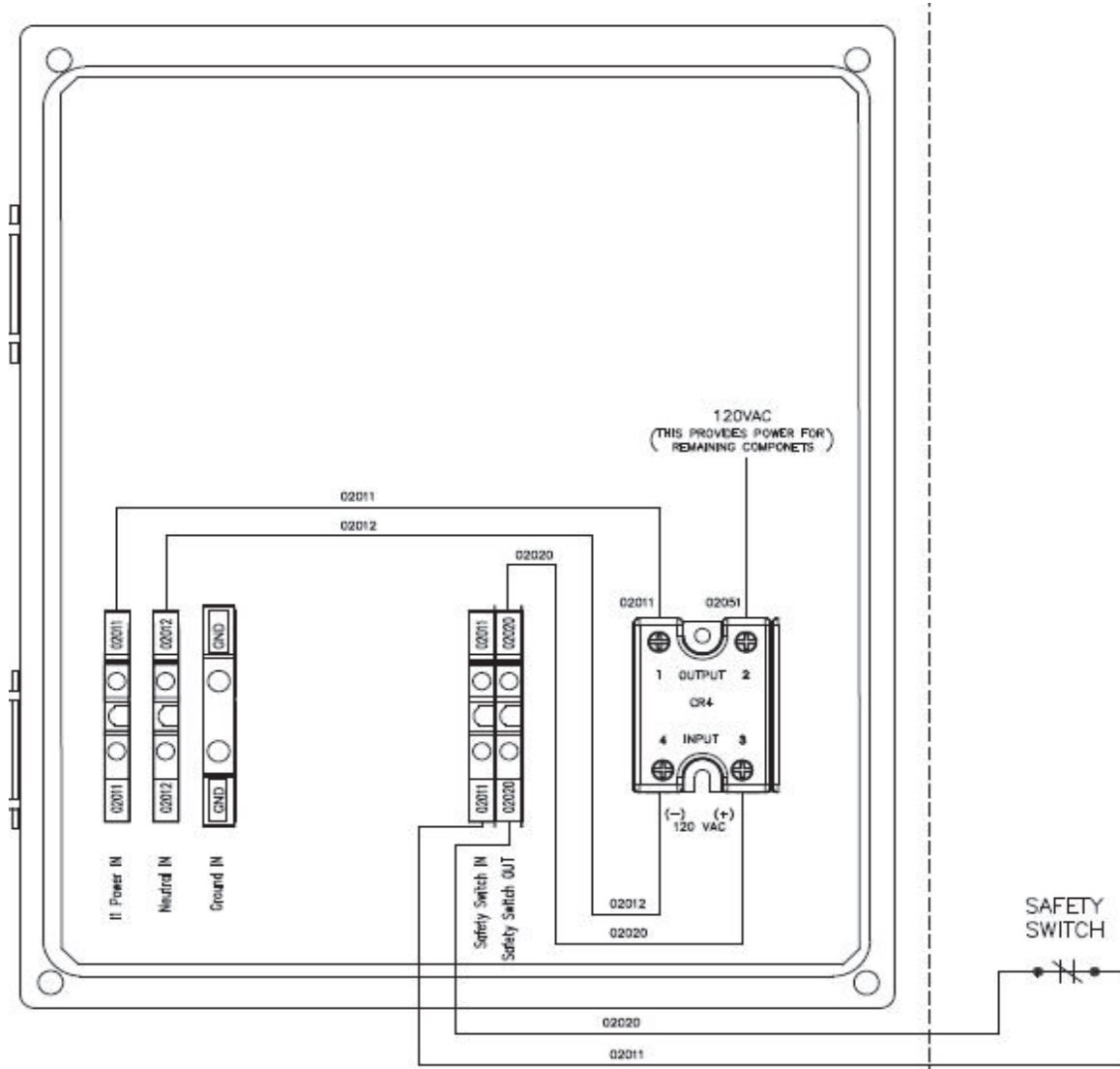


Figure 8-4: VST Control Panel 120 VAC Power Circuit Diagram

(NOTE: Control Panel Component may not be in the position as shown depending on the Control Panel revision. Always refer to the wire numbers.)