

Summary	Removal of the Spark Arrestor from the System 3 Control Board when Connected to an Ungrounded Power Supply.				
Products Affected	All System 3 Boards Connected to an Ungrounded or Open Delta Power Supply				
Key Word Tags	Spark Arrest, System , Open Delta, Ungrounded Power				
Tools/Equipment (If Required)	Side Cutter				
Parts/Materials (If Required)	SYSTEM 3 CONTROL ASSY,PER DOOR R00141006				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

WARNING

The disconnect must be in the OFF position and properly locked and tagged before performing the next step of the procedure.

1. Once power has been properly disconnected from the door, open the control panel exposing the circuit board and controls. The spark arrestor is located in the lower left corner of the control board just above the terminal blocks for the incoming power. It is cylindrical, will be either red or blue in color, and is labeled V220 on the circuit board. (See Figure 1).



Figure 1

2. Using a small wire cutters or similar tool, cut the metal leads located at the top and bottom of the spark arrestor which connect it to the green circuit board as shown below.. Be careful not to damage the surrounding components. (See Figure 2 & 3).



Figure 2

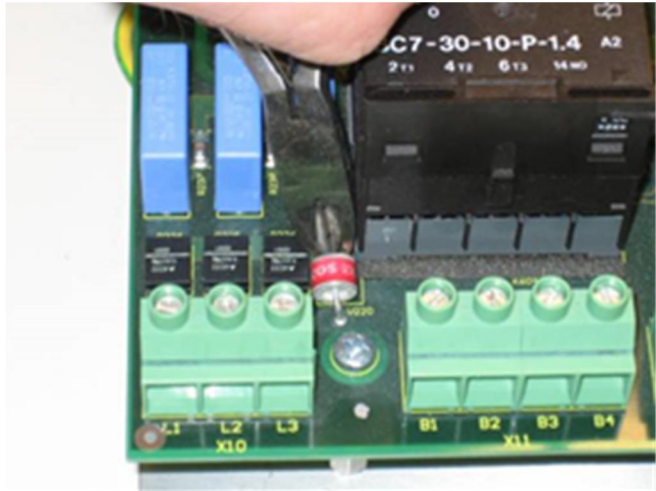


Figure 3

3. Once the spark arrestor has been removed, it can be discarded. Close the control box and reconnect the power.

Removing the spark arrestor reduces the potential damage to the controller caused by spikes or voltage shifts during faults or shorts associated with ungrounded power supply systems. Installation of a properly sized Line Reactor is also recommended.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.