SSI's parallel connected medium voltage surge protective devices (1000 to 7200 Vrms) have repeatedly provided the brute strength and unsurpassed durability needed to protect mission critical systems during lightning strikes and externally and internally generated transients. Our surge protective devices assist in allowing uninterrupted operation of your critical systems preventing extended downtime and lost revenue while aiding to keep your electrical system from suffering extensive damage. This is essential to your company’s well-being, bottom line and future.

**THE MOST ADVANCED SURGE PROTECTIVE DEVICE AVAILABLE TODAY**

The Medium Voltage Series of parallel connected surge protective devices represent the latest in surge suppression design and performance. By blending advanced computer circuit modeling with tried-and-true design principles learned over the past twenty-plus years, the Medium Voltage series provides superior protection for your mission critical equipment and power systems. Our Voltage Responsive Circuitry, makes the Medium Voltage series the most advanced medium voltage surge protective device available today!

"Since installation of the surge and lightning protection units, we have not had a failure of the motors. There has been many an opportunity for lightning to damage the motors as we are situated in an area where severe weather is possible in the spring and summer.

Recently, we had an event where there was a documented surge on the main feeder line that provides power to the Unit 2 motors. The question was asked, "Why didn't we have a problem with the motors?". The answer is that we installed surge protection equipment."  
-Skip Guthrie, Electrical Engineer, City of Lakeland, FL

"IT WILL BE CHEAPER TO INSTALL LIGHTNING AND SURGE PROTECTION... THAN TO REPAIR THE MOTORS AFTER THEY HAVE BEEN DAMAGED BY AN EVENT."

<table>
<thead>
<tr>
<th>Total expense for repair, labor and lost generation after a surge event</th>
<th>Total investment for surge protection equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>$786,000.00</td>
<td>$80,000.00</td>
</tr>
</tbody>
</table>

*Case Study - Energy Supply McIntosh Power Plant*
TECHNICAL INFORMATION

DELTA AND WYE CONFIGURATIONS FOR:
1000, 1500, 2000, 2500, 3000, 3500, 4160, 6900, 7200 Vrms

STANDARD FEATURES
• 5-Year Free Replacement Warranty
• ISO 9001: 2008 Manufactured Quality
• Circuit Encapsulation
• Voltage Responsive Circuitry
• Discrete “All Mode” Circuitry
• Peak Surge Current Levels from 80 kA to 160 kA per mode

OPTIONAL FEATURES
• Integral Fused Manual Disconnect Switch*
• Integral Fused Option*
• NEMA 12, 4 and 4X Enclosures
• Application Specific Design Modifications

* Not available for the 6900 or 7200 V product at this time

APPLICATIONS

MEDIUM VOLTAGE SPD WITH INTEGRAL DISCONNECT SWITCH
This industrial grade, Medium Voltage SPD with Integral Disconnect Switch is specifically designed for heavy duty applications including, but not limited to:

Chemical Plants  Power Plants  Waste Water Treatment  Mining
Production Lines  Chillers  Blowers  Oil Refineries