



Bruce Technologies Inc.

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<u>Product</u> Thyristor Assembly 5 zone	<u>Date</u> August 2005 <u>Target Implementation Date</u> April 2007
<u>Part Name</u> THYRISTOR HT SINK ASSY 5Z@162A	<u>Part Number</u> 9051652
<u>Product Description</u> 5 zone Thyristor assembly to replace the 10 SCR heat sinks currently used on heating element transformer assemblies.	
<u>Product Specifications 9051652</u> <ul style="list-style-type: none">• 5 zones• (5) 162A 1000V Semikron Thyristors• 83°C (181°F) Maximum Temperature• Fan Cooled heat sink assembly• Reduction in labor to assemble• 50um of thermal compound (Wacker-Chemie P12 Silicon-based Semikron p/n 30106620) required for proper thermal transfer of the Thyristor to the heatsink assembly.• 90°C N/C Thermal switch available for use as a monitor alarm• Retrofit kit available for replacement of existing 5 zone SCR Assembly (9051833)	

