

FEATURES

- **Extended Temperature Range**
- **AAR Binding Post Wire Connections**

DESCRIPTION

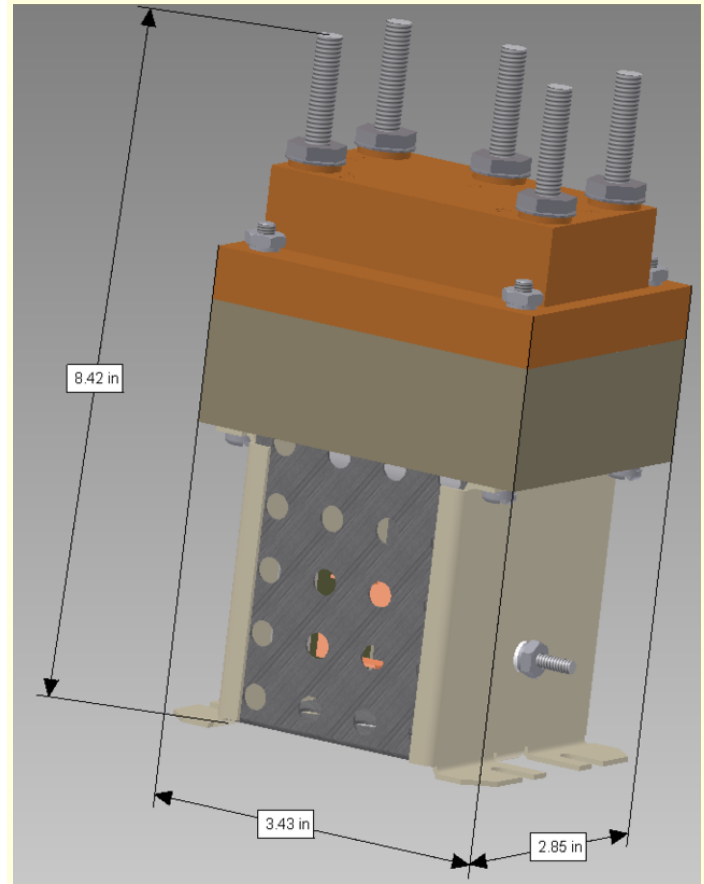
The Trilogy Products SiRM-4VI-1VO is ideal for use as a track circuit rectifier. The purpose is to drive DC track circuit relays in single rail track circuit applications using DC propulsion. A series resistor is used in the system circuit to insure that the voltage presented to the relay coil is only enough to energize the relay. This is based on the relay pick up voltage and the length of the wire to the coil. The resistor is selected on site for each track circuit to insure system safety.

ELECTRICAL SPECIFICATIONS

AC Input Voltage	4V _{AC}
AC Input Frequency	50-60HZ
DC Output Voltage Maximum	1.2V _{DC}
DC Output Current	300mA
Electrical Isolation	3750V _{RMS}
Min Operating Temperature	-30°C
Max Operating Temperature	+70°C

MECHANICAL SPECIFICATIONS

Height	8.5in
Width	3.5in
Depth	3in



TYPICAL APPLICATION CIRCUIT

