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 Input Frequency: 50-60Hz
- DC Output Voltage Maximum: 1.2V
- 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

![Typical Application Circuit Diagram]