SXRR Series

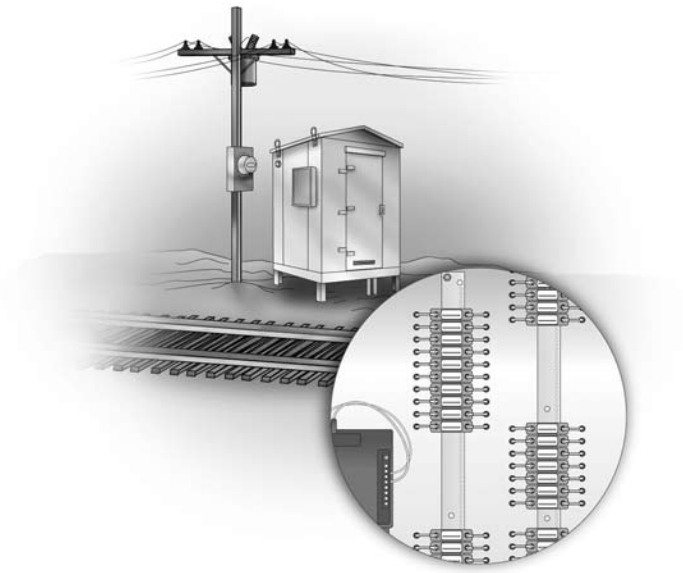
TRANSTECTOR

High Speed, High Current Silicon Suppressor for Railroad Signaling Systems

The SXRR series from Transtector is an advanced high speed, high current silicon surge protector. It provides complete protection for C&S systems, protecting AC and data circuits. The Silicon Avalanche Suppressor Diode (SASD) technology in the SXRR is more effective and provides superior reliability to the spark gap arrestors developed in the 1800's. It fits onto standard AAR terminals for easy replacement of existing spark gap units. This small device offers enormous advantages such as increased railroad signaling systems performance, decreased maintenance costs, improved profitability and enhanced revenue. All aboard the future of C&S Protection!

Applications

- **12VDC through 120VAC Railroad Signaling Equipment** (Line & Track Circuits)
- **120VAC Signaling Networks**
- **Low Voltage DC Network**
- **Hot Box Detectors**
- **Switch Machinery**



SXRR Series

Configurations

SXRR	12	90	120
Service Voltage	12V	90V	120VAC
Protection Levels	75V	125V	200V
Maximum Current Withstand	20kA @ 8/20µs		
MCOV	50VDC	110VDC	140VAC
Part Number	1101-707	1101-744	1101-764

Input Connection 1/4" wide terminal clips

Configuration 2 Wires

Operating Temperature - 40 ° C to +75 ° C

Response Time (Max.) <5 Nanoseconds

Dimensions:

2.10"H X 2.85"W X 0.95"D
5.33 cm X 7.24 cm X 2.41 cm

0.1 lb. (0.05 kg) WEIGHT

Warranty:

Five (5) year unconditional warranty
Ten (10) year manufacturer warranty

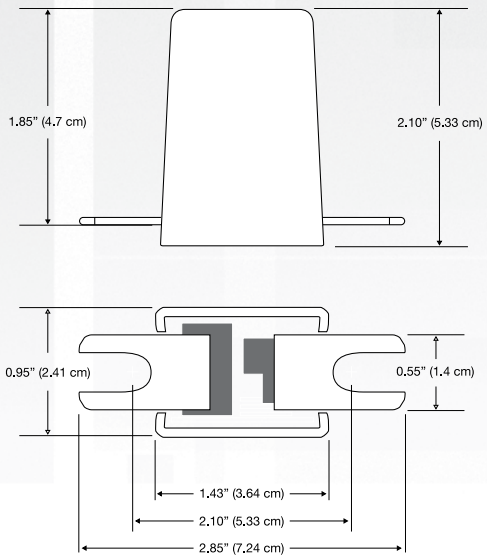
Features

- Multi-stage, Non-degrading Silicon Suppression Technology with Robust Gas Discharge Back-up Protection
- Clear Indication Window Darkens in the Unlikely Event of a Device Failure
- UL 94-V0, Clear Polycarbonate Module
- Small, Compact, Simple AAR Terminal Installation
- "Fail Open" Safety
- AREMA Complaint
- SXRR Models 50 & 90 for Low Voltage
- SXRR Model 120 for 120VAC Circuits with Inductively Coupled Voltages

Installation

Product Mechanical Size and Mounting: the suppressor mounts across 1/4" (0.6 cm) sized studs on 2.38" (6 cm) center to center spacing.

It is intended to be installed across the line on the entrance board as close as practicable to where the outside conductors enter the enclosure.



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