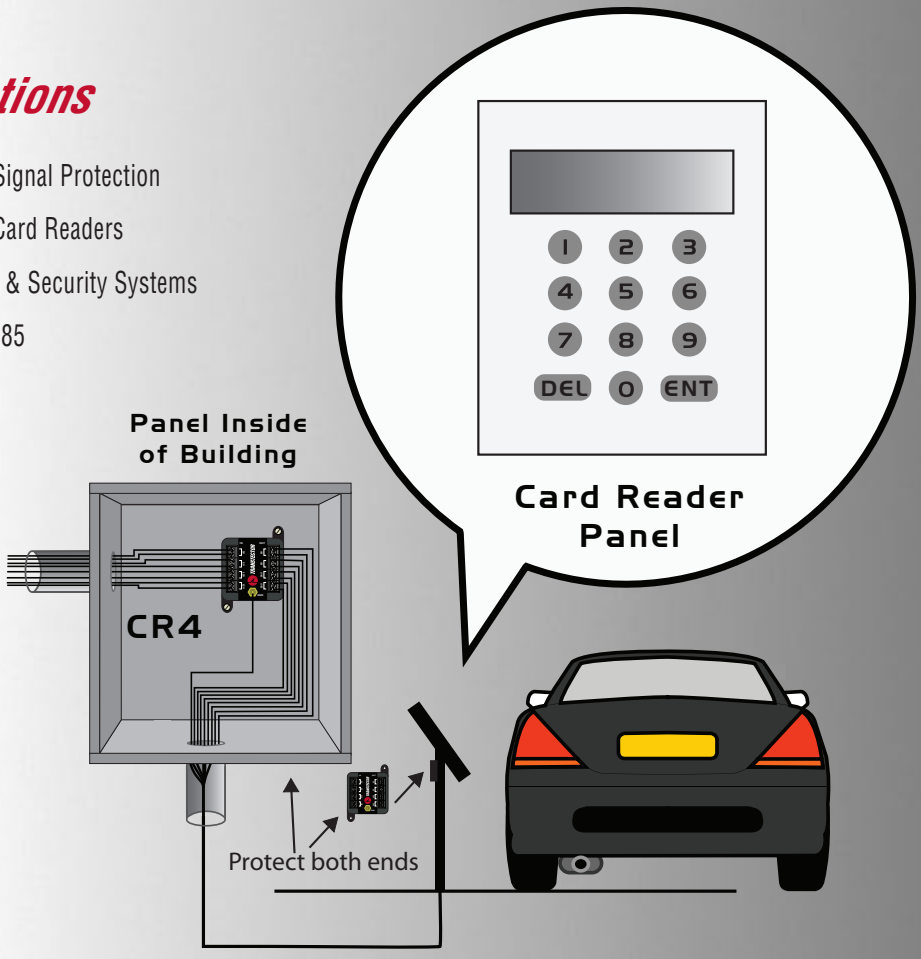
SASD Low Voltage Line Protector for Four Pair Data Equipment

Today's technology involves sensitive electronic equipment which you depend upon for systems reliability. Your valuable electronic systems will experience unpredictable and potentially destructive power quality conditions such as lightning and transients causing your business maintenance time and costs, equipment replacement costs or customer dissatisfaction. Transtector's CR4 Card Reader Suppressor features our proprietary silicon suppression technology for effective safeguarding and maximized performance of your systems. Your success demands a superior protection solution provided by Transtector Systems.

TRANSTECTOR

Applications

- Hardwire Signal Protection
- All Major Card Readers
- Fire Alarm & Security Systems
- RS422 + 485



CR4 Card Reader Suppressor

SASD Low Voltage Line Protector

smiths

CR4 Series

Features

- Built with terminal screws for easy installation
- UL 94V5 plastic able to tolerate harsh environmental conditions
- Designed for use with all major fire alarm, security protocols and access controls, as well as PLC and communication applications
- 4 balanced pairs + 1 ground
- Terminal block with 12-28 awg, 8 in and 8 out pin connectors

Configurations

Nominal Service Voltages	5VDC - 24VDC
Voltage Protection Levels	41V
Max. Continuous Operating Voltage	36V
Operating Temperature	-20° C to +65° C
Service Frequency	≤1.5 MHz
Response Time (Max.)	1 Nanosecond

Warranty

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

Dimensions

2.125"H X 2.125"W X .875"D
5.4 cm X 5.4 cm X 2.2 cm

Installation

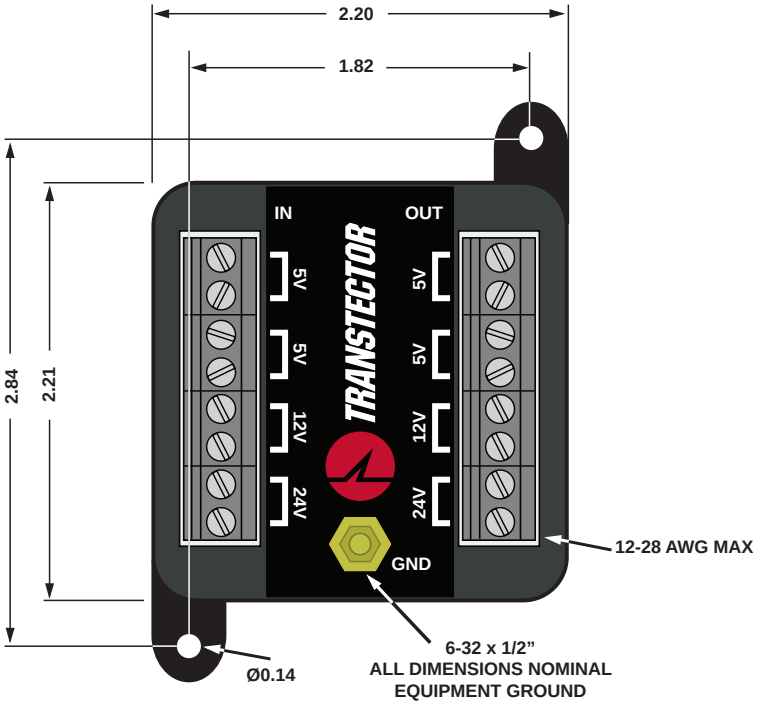
1. Mounting

Mount the protector using the two (2) mounting flanges, #6 screws or equal are suggested.

2. Wiring the CR4

2.1 All signal protection is bi-directional, with superior surge performance regardless of wiring source destination or input-output directions. Install up to four (4) pair of signals onto the appropriate terminal blocks, be sure to note the pair positions to keep all signals aligned. The terminals accept wire sizes from 12-18 awg.

2.2 Connect the ground stud to a system ground. Ground lead must be connected to the lowest impedance earth conductor for proper suppressor operation. Use as large a wire size as is practical, 10 awg minimum size is suggested, and as short a length as possible.



TRANSTECTOR

208.772.8515 800.882.9110 FAX 208.762.6133
10701 N. Airport Road, Hayden, ID 83835
www.transtector.com sales@transtector.com
An ISO 9001:2000 and 14001 Certified Company

1453-033 Rev B