

**Transient Voltage
Surge Suppressors By:**

ST-TRJ14130D4-B

Network Data Circuit protection device with Discrete All-Mode Protection



"Our Name Says It All"

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The Telephone Line devices are designed to protect standard voice grade telephone lines. These devices are intended for installation at the telephone demarcation point so as to allow for a common grounding point.

This device is available for a variety of line connections (1, 2, or 3 pair) accomplished by using terminal strips or using standard RJ-11/14 connectors, making your installation a breeze. A ground lug is provided on the face of the unit to insure a low impedance ground discharge path.

The unique design of these devices makes them among the most versatile TVSS devices on the market with superior performance specs and a warranty that is second to none.

GENERAL

Description:	Series wired transient voltage surge suppressor with encapsulated Optimal Response Network™ circuitry for protection of voice grade telephone circuits.
Application:	Standard 3002/C2 unconditioned voice grade lines, fax lines, modem lines and ISDN lines to protect data transmission system equipment from damaging transients generated outside of the facility.
Warranty:	25 Years Unlimited Free Replacement
Unit Listing:	Listed to UL497B

MECHANICAL

Enclosure:	Plastic, UL 94V-0
Physical Dimensions:	5.5" X 3.375" X 1.875"
Mounting:	External mounting feet. DIN mounting feet (DIN option)
Connection Method:	RJ-14 modular connectors
Shipping Weight:	< 2 lbs

CIRCUITRY

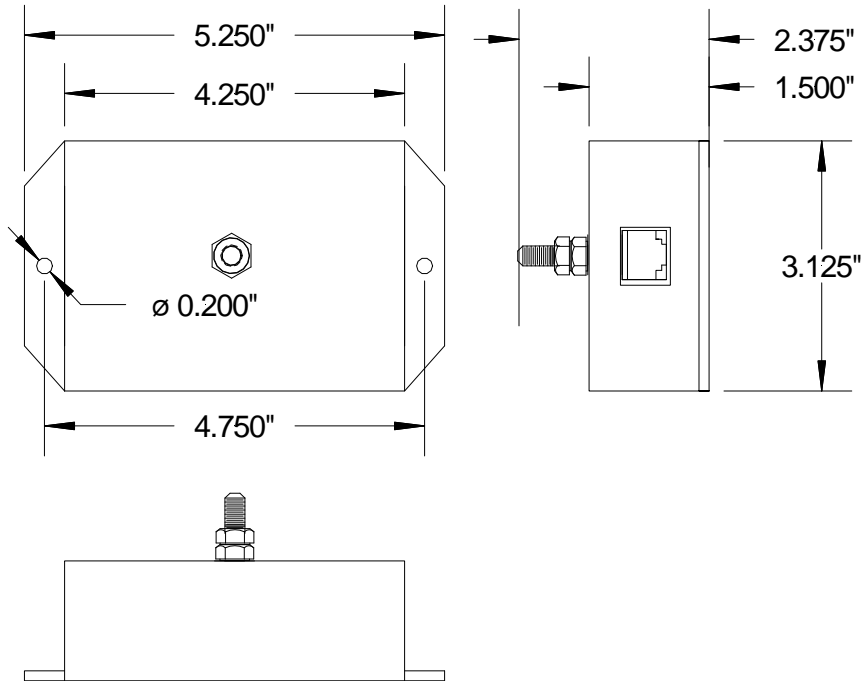
Circuit Design:	Series wired, parallel connected hybrid design incorporating discrete all mode protection and utilizing our encapsulated Optimal Response Network™ design to provide lowest possible let-through-voltages. All suppression circuits are encapsulated in our high dielectric compound to promote long component life and protection from the environment and/or vibration.
Protection Modes:	Discrete All Mode – Tip to Ring (Normal Mode); Tip to Ground and Ring to Ground (Common Mode)

PERFORMANCE

Maximum Continuous Operating Voltage:	130 Vrms
Maximum Continuous Operating Current:	150 mA
Series Resistance:	0 Ohms
Maximum Data Rate:	Up to 100 Kbps
Peak Surge Current per Pair:	30 kA per pair

Models Available	
ST-RJ14130D4-B	Two Pair – RJ-14 Modular Connection

ANSI/IEEE C62 Let-Through Voltage Tests		Notes: Let-Through Voltage Test Environment: ANSI/IEEE C62.45 & C62.41. Static, Positive Polarity, All voltages are peak (±10%)
Test Mode	Test Category B3/C1 Impulse Wave 6 kV 3 kA	
T-R T/R-G	< 420 V < 420 V	



Actual unit may vary from picture.