

**Transient Voltage
Surge Suppressors By:**

Telephone Line Models

Network Data Circuit protection device with Discrete All-Mode Protection



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"Power Quality is Our Business"

The ST-RJ14R 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 up to two pair using standard RJ-11 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.

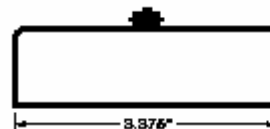
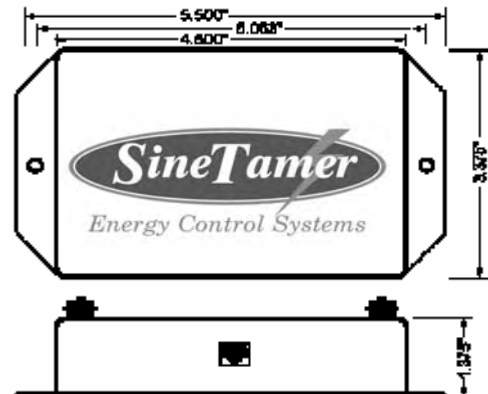
The unique design of these devices make them among the most versatile TVSS devices on the market with performance specs that are superior to our competitors and a warranty that is second to none.

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:	15 Years Unlimited Free Replacement

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 completely encapsulated in our exclusive compound to assure long component life and complete 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)
Maximum Data Rate:	Up to 100kbits/sec

PERFORMANCE	
Maximum Continuous Operating Voltage:	130Vrms
Maximum Continuous Operating Current:	360ma
Peak Surge Current per Pair:	30,000 amps per pair
Response Time:	<1 nanosecond

MECHANICAL	
Enclosure:	Plastic, UL 94V
Physical Dimensions:	5.5" X 3.375" X 1.875"
Mounting:	External mounting feet.
Connection Method:	RJ-11 modular connectors
Shipping Weight:	≈ 1lbs



ANSI/IEEE C62.41-1991 Let-through Voltage Tests		Let-through Voltage test Environment using ANSI/IEEE C62.41-1991, C62.45-1992; Static, Positive Polarity All voltages are peak (±10%), Time base = 1ms
Test Mode	Test Category B3/C1 Impulse Wave 6,000V 3,000A	
L-L	350	
L-G	350	