T2RJ11###C2SIDDIN-B

Network Circuit protection device with Discrete All-Mode Protection

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The Series T2RJ14###C4SIDDIN-B devices are designed to protect data transmission circuits. These devices are intended for installation as close to the electrical power source of the equipment as possible so as to allow for a common point for grounding.

This device provides protection Pins: 4 and 5 through the RJ45 connectors provided. A ground lug is provided on the top of the unit to insure a low impedance ground discharge path.

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

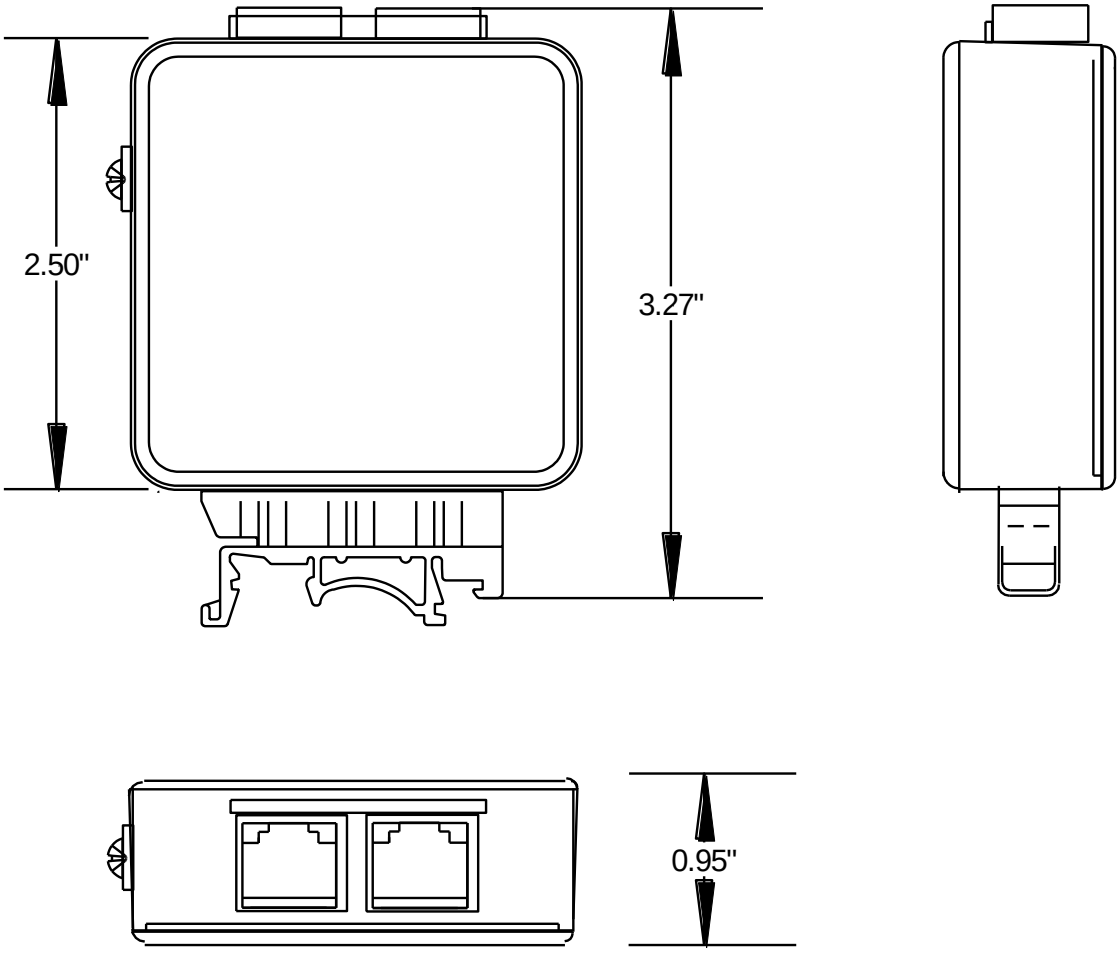
GENERAL	
Description:	Series wired transient voltage surge suppressor with **O**ptimal **R**esponse **N**etwork™ circuitry for protection of data circuits.
Application:	Designed for use on data, signal and current loop circuits to protect data transmission system equipment from damaging transients generated between terminals and equipment in the data collection/transmission system.
Warranty:	**25 Years Unlimited Free Replacement**
Unit Listing:	Listed to UL497B

MECHANICAL	
Enclosure:	Plastic, UL 94-5VA
Mounting:	DIN rail mounting foot
Connection Method:	RJ45 modular connectors
Shipping Weight:	**<** 1 lbs

CIRCUITRY	
Circuit Design:	Series wired hybrid design incorporating discrete all mode protection and utilizing our **O**ptimal **R**esponse **N**etwork™ 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:	Dedicated protection components and circuitry for each mode. Discrete L-L (Normal Mode) and L-G (Common Mode)

PERFORMANCE	
Maximum Continuous Operating Voltage:	See Table on back
Maximum Continuous Operating Current:	5 A
Series Resistance:	6-10 Ohms per wire
Maximum Data Rate:	100 Mbps
Peak Surge Power per pair:	150 A per mode (8 x 20 µsec).

Let-Through Voltages Using ANSI/IEEE C62.45 & C62.41.2 Test Environment: Static, positive polarity. All voltages are peak (±10%).						
Model	**Nominal System Operating Voltage (Vnom)**	**Mode**	**Maximum Continuous Operating Voltages**	**Maximum Continuous Operating Current**	**Peak Surge Current**	**10 x 1,000 µs, Impulse waveform**
T2RJ115C2SIDDIN-B	5 V	L-G L-L	6 V 12 V	500 mA	150 A	< 20 V < 40 V
T2RJ1112C2SIDDIN-B	12 V	L-G L-L	25 V 50 V	500 mA	150 A	< 30 V < 60 V
T2RJ1124C2SIDDIN-B	24 V	L-G L-L	25 V 50 V	500 mA	150 A	< 60 V < 120 V
T2RJ1148C2SIDDIN-B	48 V	L-G L-L	58 V 116 V	500 mA	150 A	< 90 V < 180 V
T2RJ11140C2SIDDIN-B	140 V	L-G L-L	220 V 440 V	500 mA	150 A	< 250 V < 500 V



Actual unit may very from picture.