

DRJ14140B4-B Data Line Models



Network Data Circuit protection device with Discrete All-Mode Protection



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The Series DRJ14140B4-B devices are designed to protect telco and data transmission circuits. These devices are intended for installation as close to the equipment as possible so as to allow for a common grounding point.

This device is connected via the RJ45/14 connectors provided, 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 SPD devices on the market with superior performance specs and a warranty that is second to none.

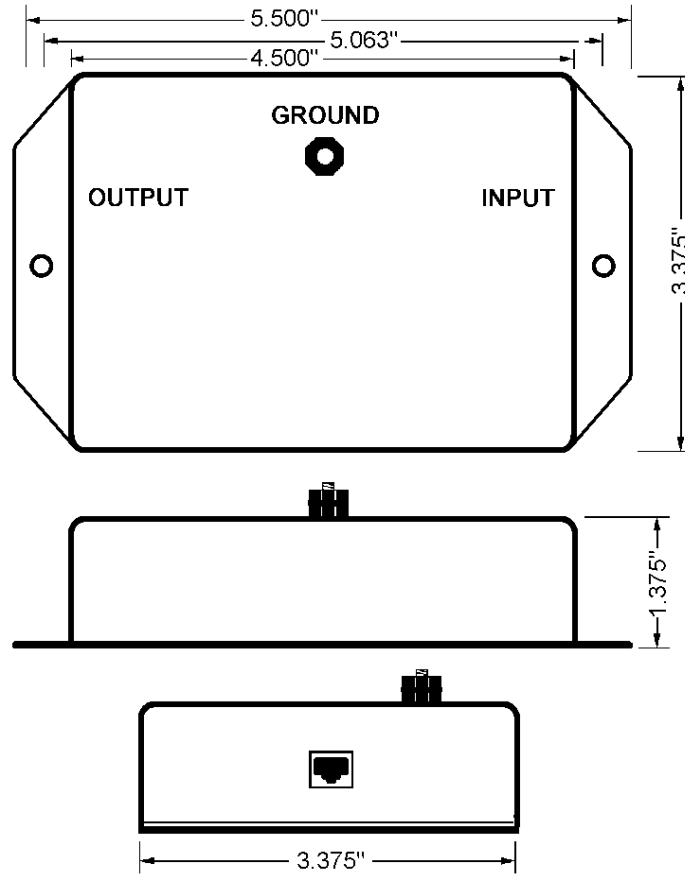
GENERAL	
Description:	Series wired transient voltage surge suppressor with Optimal Response Network™ circuitry for protection of data/telco circuits.
Application:	Designed for use on telco data, signal and current loop circuits to protect data transmission system equipment from damaging transients generated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

MECHANICAL	
Enclosure:	Plastic, UL94-5VA
Mounting:	External mounting feet. DIN mounting feet (DIN option)
Connection Method:	RJ45 modular connectors with 4 pins protected (3 & 6, 4 & 5) with a data rate of 10 Mbps.
Shipping Weight:	< 2 lbs

CIRCUITRY	
Circuit Design:	Series wired hybrid design incorporating discrete all mode protection and utilizing our Optimal Response Network™ design to provide lowest possible let-through voltages. All suppression circuits are encapsulated in our high dielectric exclusive 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, Shield-G (Common Mode)

PERFORMANCE	
Maximum Continuous Operating Voltage:	200 Vrms
Maximum Continuous Operating Current:	500 mA per conductor
Nominal System Voltage:	120 V
Maximum Data Rate:	10 Mbps
Peak Surge Current per Pair:	L-L 10 kA, L-G 10 kA

Let-Through Voltages Using ANSI/IEEE C62.45 & C62.41 Test Environment: Static, positive polarity. All voltages are peak ($\pm 10\%$).			
Model	Maximum Continuous Operating Voltages	Test Mode	10 x 1,000 μ sec Impulse waveform IPP = 100 Apk
DRJ14140B4-B	200 Vrms 200 Vrms	L-G L-L	< 250 < 250



Modular RJ-45 Connection

Actual unit may vary from picture.