

DRJ45##C12PORTSID-B

DRJ45##C24PORTSID-B

Rack Mount Network Data Circuit Protection Device



P.O. Box 15732
Brooksville, FL 34604
Phone: 888-987-8877
Fax: 850-654-3844

www.surgesuppression.com

The Series TRJ45xxC12/24PORTSID-B is a 12 or 24-port, rack mount configured data line protection device. These devices are intended for installation on high line density, data and signal circuits operating at data rates up to 100 Mbps. Input and Output connection is accomplished by standard RJ45 connectors. A ground lug is also provided to insure a low impedance ground discharge path.

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

GENERAL

Description:	12 or 24 port Rack-mount Transient Voltage Surge Suppressor
Application:	Designed to protect data transmission system equipment from damaging transients in the data collection/transmission system.
Warranty:	25 Years Unlimited Free Replacement
Unit Listing:	Listed to UL497B

MECHANICAL

Enclosure:	19 inch Rack Panel, 12 Gauge Steel
Mounting:	Integral mounting feet
Connection Method:	RJ45 modular connectors
Shipping Weight:	< 5 lbs (per module)

CIRCUITRY

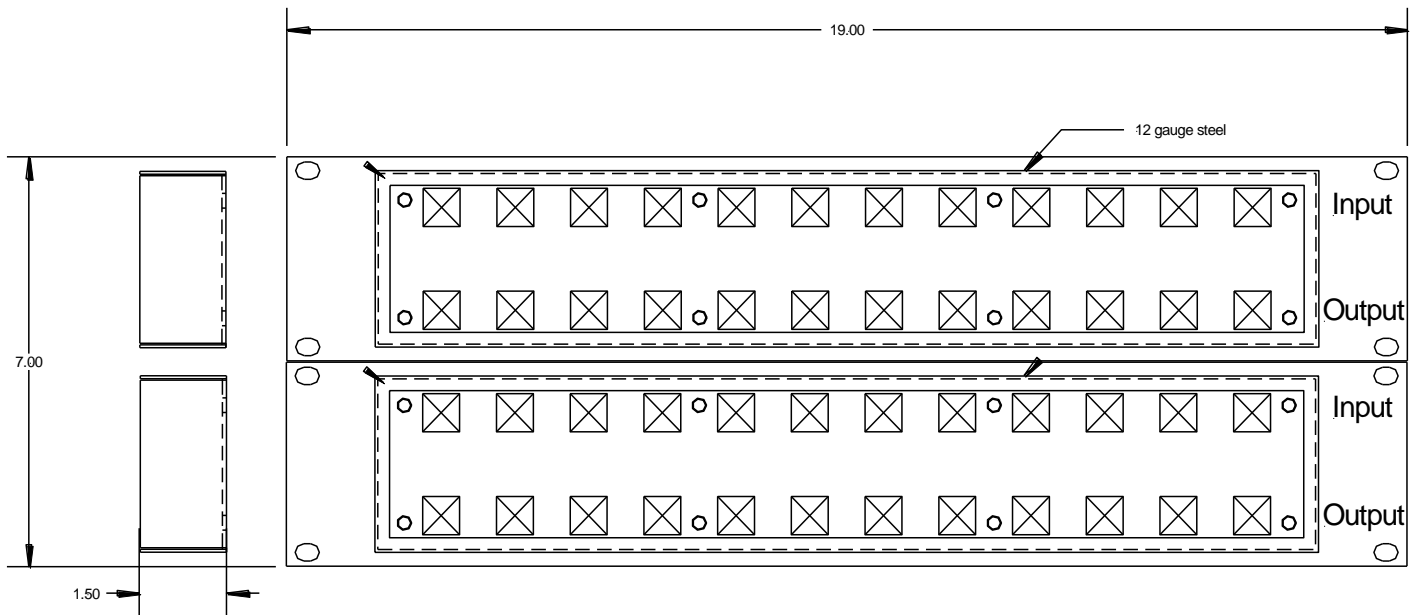
Circuit Design:	Low impedance, hybrid Optimal Response Network™ optimized for high-speed data line circuit protection and providing the lowest possible let-through voltages levels.
Protection Modes:	L-L, L-G; Protecting all 8 pins

PERFORMANCE

Maximum Continuous Operating Voltage:	See Table on back
Maximum Continuous Operating Current:	500 mA
Maximum Data Rate:	100 Mbps
Peak Surge Current per Pair:	150 A per mode (8 x 20 µsec)
Series Resistance:	0 Ohms per wire

Let-Through Voltages Using ANSI/IEEE C62.45 & C62-41.1 / C62-41.2 Test Environment: Static, positive polarity. All voltages are peak ($\pm 10\%$).						
Model	Nominal System Operating Voltage (Vnom)	Mode	Maximum Continuous Operating Voltages	Maximum Continuous Operating Current	Peak Surge Current	10 x 1,000 μ s, Impulse waveform
DRJ455CxPORTSID-B	5 V	L-G L-L	6 V 12 V	500 mA	150 A	< 20 V < 40 V
DRJ4512CxPORTSID-B	12 V	L-G L-L	25 V 50 V	500 mA	150 A	< 30 V < 60 V
DRJ4524CxPORTSID-B	24 V	L-G L-L	25 V 50 V	500 mA	150 A	< 60 V < 120 V
DRJ4548CxPORTSID-B	48 V	L-G L-L	58 V 116 V	500 mA	150 A	< 90 V < 180 V
DRJ45140CxPORTSID-B	140 V	L-G L-L	220 V 440 V	500 mA	150 A	< 250 V < 500 V

Dimensional Drawing (24 port shown – 12 port is half as tall)



Front View

Actual unit may vary from picture