

Transient Voltage
Surge Suppressors By:



"Our Name Says It All"



ST-DRJ45##C12PORTSID-B
ST-DRJ45##C24PORTSID-B
Rack Mount Network Data Circuit Protection Device

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The Series ST-DRJ45xxC12/24port-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 TVSS 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:	12 Gauge Steel Rack Panel
Mounting:	Integral mounting feet
Connection Method:	RJ45 modular connectors
Shipping Weight:	< 5 lbs (per module)

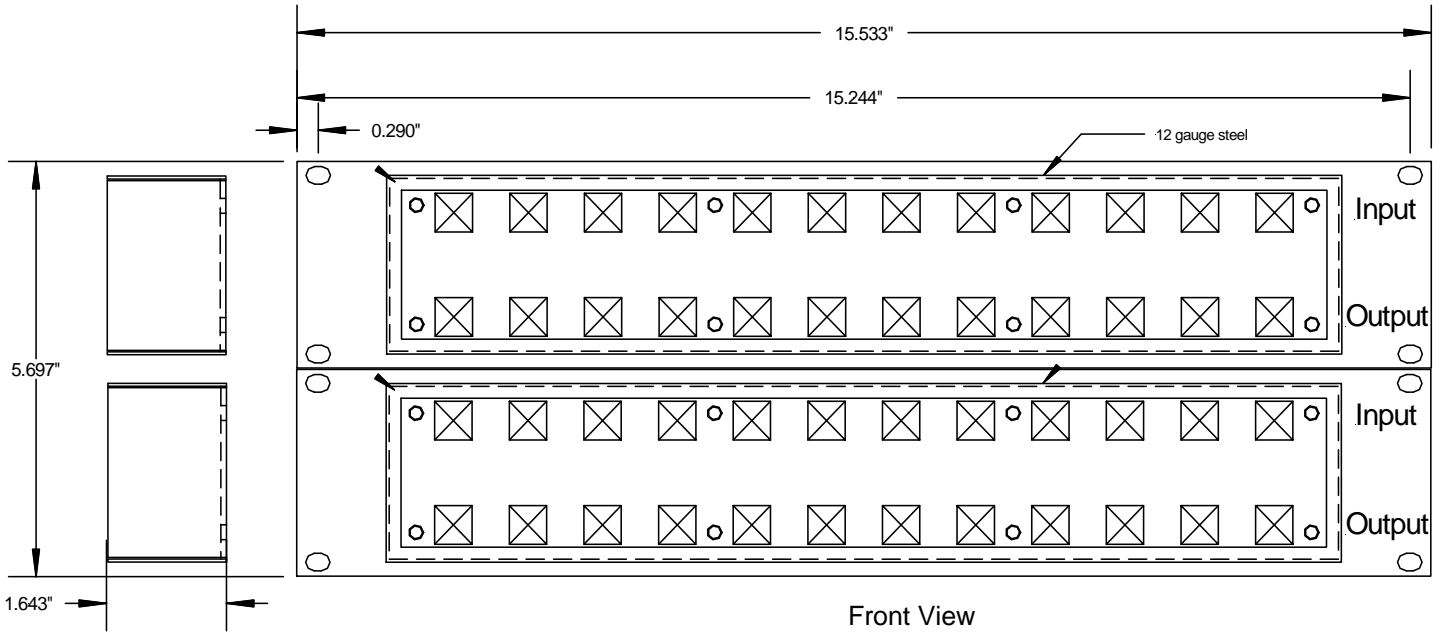
CIRCUITRY

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
Maximum Data Rate:	100 Mbps

PERFORMANCE

Maximum Continuous Operating Voltage:	7.5, 12, 24, 48, and 140 Vpk (replace ## with this value)
Maximum Continuous Operating Current:	500 mA
Maximum Data Rate:	100 Mbps
Peak Surge Current per Pair:	250 A per mode (8 x 20 μsec)
Series Resistance:	6-10 Ohms per wire

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



Actual unit may vary from picture