



Product Information for:

Model #

D-Dual-Audio
Audio System Surge Protector

The PSI Line Pro™ D-Dual-Audio system speaker line surge protectors have been designed to protect sensitive amplifier output channels from lightning and other surges induced on the speaker wires. These TVSS devices are 4 stage low voltage surge suppressers take advantage of the latest technology available. PSI Line Pro™ surge suppressers are designed and tested to ANSI/IEEE B3 Impulse standards that exceed by 900 times the UL 497 testing. The D-Dual-Audio is unlike other low voltage data line surge suppressers in both performance and surge withstand capability. This surge suppresser was developed specifically to protect audio lines where 1 pair of lines needs maximum surge protection. Power Pro™ surge suppressers are self-restoring after each surge within ratings.

SPECIFICATIONS ELECTRONIC

Suppressor Type	Hybrid Series / Series
Suppression Stages	4
Maximum Operating Voltage.....	8-200 Volts*
Maximum Operating Current D-Dual-80	8 Amps
Typical Leakage Current.....	< 5u Amps
Frequency Range.....	20-40,000 Cycles
Operation Temperature.....	0 to 85 C
Lines Protected.....	2
Maximum Surge Current (8X20 us).....	3,000 Amps
Maximum Surge Voltage (1.2X50 us).....	6,000 Volts
Capacitance.....	250pf (Per Line)
Clamping Voltage.....	6.8-240 Volts
Clamping Response Time.....	<5 Nanoseconds
Voltage.....	Voltage Sensitive
Pass Voltage Tested to ANSI/IEEE B3 Impulse..	<130 Volts RMS (Model 80)
Power Dissipation (8X20us).....	6,000 Amps Per Line
UL 497 Listed.....	All Models



Model D-Dual-80

Clamping voltage options: 6.8, 15, 30, 38, 60, 90, 120, 150, 180, 200, 220.
Customer must specify the voltage of the unit required.
Contact PSI for technical assistance.

SPECIFICATIONS MECHANICAL

Connectors.....	Terminal Block
Case	Watertight
Mounting	Tabs

Power & Systems Innovations, Inc.

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Warranty

PSI surge protectors have a Lifetime Product Warranty. Please see warranty statement for complete product warranty information.