



Product Information for:

**Model #** PSI RU/RJ 48S-EXC,  
DSU 59 TB & DSU 59 TBW

The PSI Line Pro™ high-speed digital modem line surge protector takes advantage of the latest technology and provides three stages of protection for equipment connected to high-speed modem lines. Tested to ANSI/IEEE B3 Ring Wave Form Standards that exceed normal UL 497B testing standards by 90 times the Line Pro™ is unlike other high speed modem surge suppressors. The PSI Line Pro™ goes far beyond industrial grade and does not require primary protectors when exposed high speed modem lines are to be protected. Like all PSI TVSS the high-speed modem line surge protectors are self-restoring after each surge within ratings and provided with a lifetime product warranty.



Model DSU 59 TBW



Model RU/RJ 48S-EXC

**SPECIFICATIONS OPERATING**

Maximum Operating Voltage.....	13 Volts
Typical Leakage Current.....	< 5u Amps
Maximum Data Rate.....	65K bps
Operation Temperature.....	0 to 85 C
Model RU/RJ 48S-EXC (RJ/45 -RJ48S)....	Pins 1,2,7,8.*
Model DSU-59 TB (Terminal Blocks) .....	In & Out
Model DSU-59 TBW (Terminal Block/Wire)	In & Out

**SPECIFICATIONS ELECTRONIC**

Maximum Surge Current (8X20 us).....	500 Per Line Amps
Maximum Surge Current (8x20us) .....	1,000 Amps Total
Maximum Surge Voltage (1.2X50 us).....	6,000 Volts
Capacitance.....	<5 pf
Clamping Voltage.....	13 Volts
Clamping Response Time.....	<5 Nanoseconds
Current.....	Non Load Bearing
Voltage.....	Voltage Sensitive
Pass Voltage Tested to:	
ANSI/IEEE B3 Ring-Wave	<30 Volts Peak
Power Dissipation (8X20us).....	500 Amps Per Line

\*Options: Pins Protected, Connectors, Terminal Blocks, Cable Length, etc.

**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.