



Product Information for:

Model #

CATV-24VAC & CATV-24VDC
Video Camera Power Surge Protectors

The PSI Power Pro™ CATV-24VAC & CATV-24VDC power line surge protectors have been designed to protect sensitive video camera power supply lines from lightning and other surges induced on the input power lines. These TVSS devices are 4 stage low voltage surge suppressers take advantage of the latest technology available. PSI Power Pro™ surge suppressers are designed and tested to ANSI/IEEE B3 Impulse standards that exceed by 900 times the UL 497 testing. The PSI CATV-24VAC and CATV-24VDC are unlike other low voltage line surge suppressers in both performance and surge withstand capability. These surge protectors were developed specifically to protect low voltage power supply 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.....	30 Volts
Maximum Operating Current.....	5.0 Amps
Typical Leakage Current.....	< 5u amps
Maximum Data Rate.....	22 Mbps
Operation Temperature.....	0 to 85 C
Lines Protected.....	2
Maximum Surge Current (8X20 us).....	3000 Amps
Maximum Surge Voltage (1.2X50 us).....	6,000 Volts
Capacitance.....	250pf (per line)
Clamping Voltage.....	30 Volts
Clamping Response Time.....	<5 nanoseconds
Current.....	Non Load Bearing
Voltage.....	Voltage Sensitive
Pass Voltage Tested to ANSI/IEEE B3 Impulse..	<35 Volts RMS
Power Dissipation (8X20us).....	6,000 Amps per line
UL 497 Listed.....	All Models

SPECIFICATIONS MECHANICAL

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

Power & Systems Innovations, Inc.

6457 Hazeltine National Drive, Suite 165 Orlando, Florida 32822-5157
Phone: 407.380.9200 - Toll Free: 1.800.260.2259 - Fax: 407.380.3911

Warranty

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