



www.steadyvolt.com



Digital Download Catalog

Surge Suppression products for Computer Systems

Transient Voltage Surge Suppressors Protection for Systems & Devices Commercial and Residential Applications

- AC and DC Circuit Protectors • AC Plug-In Protectors • Card Access System Protectors • Motor Control
- Data Line Protectors • Fire Alarm / Loop Protectors • Gate Entry System •Generator Transfer Switch Protectors
- HVAC System Protectors • LAN Protectors • Lightning System Protectors • Main Panel & Sub Panel Protectors
- Modem Protectors •Protectors • Recreational Vehicle Protectors • Video Camera & Monitor Protectors
- Relay Protectors • Robotics System Protectors • Satellite Protectors • UPS System Protectors

BP1P, 1PRJ11 and 1206CSX: The BP1P or the 1PRJ11 are a single outlet surge suppressor for use on a laptop/notebook computer. The 1PRJ11 also has Female RJ11 In/Out. The 1206CSX is a 6-outlet AC suppressor that also provides telephone protection and has a 6' cord. The 1206CS incorporates state-of-the-art technology and provides multi-stage hybrid female RJ11 in/out protection for your electronic equipment with a maximum current draw of 15 amps and provides both common and normal noise filtration. The 1206CSX unit in a Heavy Duty Metal Casing is rated UL1449 edition. Installation is behind each PC at the AC receptacle to protect the power supply and modem. Note: If you plug in ahead of the UPS or battery back up it will also protect them.

RS232/DB25 or RS422/DB9: These are high-speed data line surge suppressors that incorporates state of the art technology and provides multiple stages of protection for equipment connected to your data lines. These are installed at the specific serial port of the PC.

10 Base T and 100 Base T: the 10 Base T is for the 10MB 2-pair data line applications with a Cat. 5 RJ45 - jack and plug. This unit is installed at the PC and/or Hub and the 100 Base T is for 100MB 4-pair data line applications with a Cat. 5 RJ45 - jack and plug. This unit is installed at the PC and/or Hub.

DLT 3S/200 DSL: 200 Volts DC to be used for modems connected to digital signal line or telephone line with ring voltage. The DLT 3S/200 has RJ11 jack and plug and should be installed at the PC.

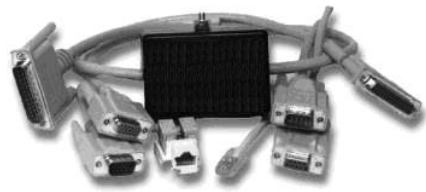
CCTV DTP: This is for your coaxial cable Internet modem line. This should be installed in front of the cable modem to protect it and any PC down-line.



BP1P, 1PRJ11 & 1206CSX - AC Surge Suppressors

1P or 1PRJ11: are 110-volt AC single outlet plug-ins rated for 15 amps and are used for use on a laptop/notebook computer. They have a functional LED indicator, EMI/RFI filtering, additionally, if receptacle is not grounded properly or has reversed polarity the LED will not come on when you plug it in. **1206CS:** This is a 6-outlet AC suppressor that also provides telephone protection and has a 6' cord. The 1206CS incorporates state-of-the-art technology and provides multi-stage hybrid protection for your electronic equipment with a maximum current draw of 15 amps and provides both common and normal noise filtration. The 1206CS unit is rated UL1449 2nd edition. Installation is behind each PC at the AC receptacle to protect the power supply and modem. Note: If you plug in ahead of the UPS or battery back up it will also protect them.

Specifications:	BP1P	1PRJ11	1206CS
Maximum Operating Voltage:	120 Volts AC	120 Volts AC	120 Volts AC
Operation Temperature:	-40 to + 85° C	- 40 to + 85° C	-40 to + 85° C
Protection Modes:	L/N, L/G, N/G	L/N, L/G, N/G	L/N, L/G, N/G
AC Outlets:	1	1AC & Female RJ11 In/Out	6AC & Female RJ11 In/Out
Maximum Surge Current (8x20us):	2,000 Amps	3,000 Amps	3,000 Amps
Maximum Surge Voltage (1.2x50us):	6,000 Volts	6,000 Volts	6,000 Volts
Clamping Voltage:	130 Volts RMS	130 Volts RMS	130 Volts RMS
Clamping Response Time:	<1 Nanosecond	<1 Nanosecond	<1 Nanosecond
Maximum Line Amperage:	15 Amps @ 120 VAC 60Hz	15 Amps @ 120 VAC 60Hz	15 Amps @ 120 VAC 60Hz
Voltage:	Voltage Sensitive	Voltage Sensitive	Voltage Sensitive
Operation Indicator LED:	Yes	Yes	Yes
Power Dissipation (8x20us):	12,000,000 VA	18,000,000 VA	18,000,000 VA
Failure Mode:	Fails Safe (open)	Fails Safe (Open)	Fails Safe (open)
EMI/RFI Dual-Full 3 Stage Noise Filter:	40dB down -10 KHz to 10MHz	40dB down -10 KHz to 10MHz	40dB down -10 KHz to 10 MHz
UL Listed:	1449	1449 2 nd Edition	1449 2 nd Edition
Dimensions:	1 x 1 x 1	2 ¼ x 3 ¼ x 1 ¼	9" x 3 ¼" x 1 ½"

<p>Data Line Surge Suppressor RS232/DB25 and RS422/DB9</p> <p>*Except the connection/pins, specifications for both are the same</p>	
---	---

RS232/DB25 or RS422/DB9: These are high-speed data line surge suppressors that incorporates state of the art technology and provides multiple stages of protection for equipment connected to your data lines. They are installed at specific serial port of the PC.

Specifications - Operating:	
Maximum Operating Voltage:	16 Volts
Typical Leakage Current:	<5 amps
Maximum Data Rate:	22K bps
Operation Temperature:	-40 to +85 C
DB25 Connection:	DB25 Male (Protected) DB25 Female (Unprotected) Pins Protected: 1 – 9, 19 & 20
DB9 Connection:	DB9 Male (Protected) DB9 Female (Unprotected) Pins Protected: 4, 5, 8, and 9. Pin 1 = Shield/Ground
Specifications – Electronic:	
Maximum Surge Current (8x20us):	5,000 Amps Total
Maximum Surge Voltage (1.2X50us):	6,000 Volts
Capacitance:	<120 pf
Clamping Voltage:	16 Volts
Clamping Response Time:	<5 nanoseconds
Current:	Non-Load Bearing
Three Stage Protection:	1 st Stage: 5,000 Amps per line 2 nd Stage: Filter Section 3 rd Stage: 100,000 Volts Amp
Pass Voltage Tested to ANSI/IEEE:	B3 Impulse <30 Volts

Data Line Protectors are available for Arc net, AS400, BNC Control Line, Ethernet, LAN, RISC, RS232, Token Ring, 10Base T, 100 Base T or any low voltage AC or DC signal circuits requiring protection. Terminations are available for almost any computer with stand off voltage from 5 volts to 200 volts. Our Data Line Protectors are non-load bearing. Call for pricing and availability...



10 Base T (10MB) and 100 Base T (100MB) – Data Line Surge Suppressor

10 Base T: This unit is for the 10MB 2-pair data line applications with a Cat. 5. RJ45 - jack and plug. This unit is installed at the PC and/or Hub. **100 Base T:** This unit is for the 100MB 4-pair data line applications with a Cat. 5. RJ45 - jack and plug. This unit is installed at the PC and/or Hub. These surge suppressors incorporate state-of-the-art technology and provide multi-stage hybrid protection for your equipment connected to your data lines. Tested to ANSI/IEEE B3 Impulse Standards that exceed normal UL 497B testing standards, this unit exceeds industrial grade surge protection without loading your sensitive data lines and is self restoring after each surge within ratings.

Specifications - Operating:	10 Base T (10MB)	100 Base T (100MB)
Maximum Operating Voltage:	12 Volts DC	5 Volt or 12 Volts DC (Specify)
Typical Leakage Current:	<5u Amps	<5u Amps
Maximum Data Rate:	20 Mbs	120 Mbs
Operation Temperature:	-40 to +85 C	-40 to +85 C
Connectors:	RJ45 Male Protected / Female Unprotected	RJ45 Male / Female
Pins Protected: (Or as specified)	Pins 1TD+, 2TD-, 3RD+, 6RD	Pins 1 – 8
Dimensions:	Length: 2" Width: 1 1/2" Height: 1 " Mounting Tabs: 1/2" Cat. 5 Cable additional	Length: 3" Width: 2" Height: 1 1/2" Mounting Tabs: 1/2" Cat. 5 Cable additional
Specifications - Electronic:		
Maximum Surge Current (8x20us):	500 Amps Total	500 Amps Total
Maximum Surge Voltage (1.2x50us):	6,000 Volts	6,000 Volts
Capacitance:	<25 pf	<25 pf
Clamping Voltage:	13 Volts	6.8 Volts or 13 Volts
Clamping Response Time:	<5 Nanoseconds	<5 Nanoseconds
Voltage Sensitive:	Non-Load Bearing	Non-Load Bearing
Pass Voltage Tested to ANSI/IEEE B3:	<19 Volts Peak	<10 Volts or <19 Volts Peak
Power Dissipation (8x20us)	3,000,000 VA	3,000,000 VA



DLT 3S 200 DSL Surge Suppressor

DLT 3S 200 DSL: 200 Volts DC to be used for modems connected to digital signal line or telephone line with ring voltage. This unit has RJ11 jack and plug and should be installed at the PC. The E-Clips DSL incorporates state of the art technology and provides multi stage hybrid protection for your communication lines. Tested to ANSI/IEEE B3 impulse standards and UL 497B. Unlike other communication line surge suppressors, E-Clips DSL goes far beyond industrial grade surge suppressors. It is self-restoring after each surge within ratings.

Specifications - Operating:	
Maximum Operating Voltage:	200 Volts DC
Typical Leakage Current:	< 5u amps
Maximum Data Rate:	10Mhz
Operation Temperature:	-40 to + 85° C
Connectors and Lines Protected:	RJ11 Jack/Plug One Pair
Installation Configuration:	In-Line Series
Specifications - Electronic:	
Maximum Surge Current (8 x 20us):	10,000 Amps Per Line
Maximum Surge Voltage (1.2 x 50us):	6,000 Volts
Capacitance:	<250 pf
Clamping Voltage:	Volts DC as designated
Clamping Response Time:	<5 Nanoseconds
Voltage:	Voltage Sensitive
Pass Voltage Test to ANSI/IEEE B3:	210 Volts DC
Power Dissipation (8 x 20us):	60,000,000 VA Protection Per Line
Dimensions:	Depth: 1" – Width: 2" – Length: 1 1/2" – Tabs: 1/2"

Coaxial Cable Internet Line Surge Suppressor - CCTV CM



CCTV DTP: This is for your coaxial cable Internet modem line. This should be installed in front of the cable modem to protect it and any PC down-line. The CCTV DTP Digital TV Protector, coaxial Data line surge suppressor incorporates state of the art technology and provides multiple elements of protection for your sensitive computer equipment. Tested to ANSI/IEEE B3 Ring wave standards that exceed normal UL 497B testing standards by 300 times. Unlike other data line surge suppressors, the CCTV DTP Coaxial data line surge suppressor does not employ MOV technology and will not cause high insertion loss on your coax lines and is self restoring after each surge within ratings. This unit is designed to also work on digital cable TV as well as antennas. (Not for use on satellite systems)

Specifications Operating:	
Maximum Operation Voltage:	.7 Volt (This is a signal device)
Typical Leakage Current:	<5u Amps
Maximum Insertion Loss:	<1dB
Operation Temperature:	-40 to +85 C.
Connection:	F Connector Male/Female
Specifications Electronic:	
Maximum Surge Current (8x20us):	500 Amps Total
Maximum Surge Voltage (1.2X50us):	6,000 Volts
Capacitance:	<1.20pf
Clamping Voltage:	1 Volt
Clamping Response Time:	<5 Nanoseconds
Voltage Sensitive:	Non-Load Bearing
Power Dissipation (8x20us):	3,000,000 Volt Amps
Dimensions (Miniature):	1.5" Length x 1.0 Width x 0.800 Height (barrel)

These PRO-TECH units incorporate state of the art technology and provide multi stage hybrid protection for your communication lines. Tested to ANSI/IEEE B3 impulse standards and UL 497B. Unlike other communication line surge suppressors, this unit goes far beyond industrial grade surge suppressors. It is self-restoring after each surge within ratings.

LIFETIME WARRANTY on all Surge Protectors sold or distributed by steadyvolt.com

Bergeron Products Innovations.

Electrical Protection Division

8132 Firestone Blvd., Suite 824. Downey, CA 90241

1.323.312.9449 / 1.714.203.1644