

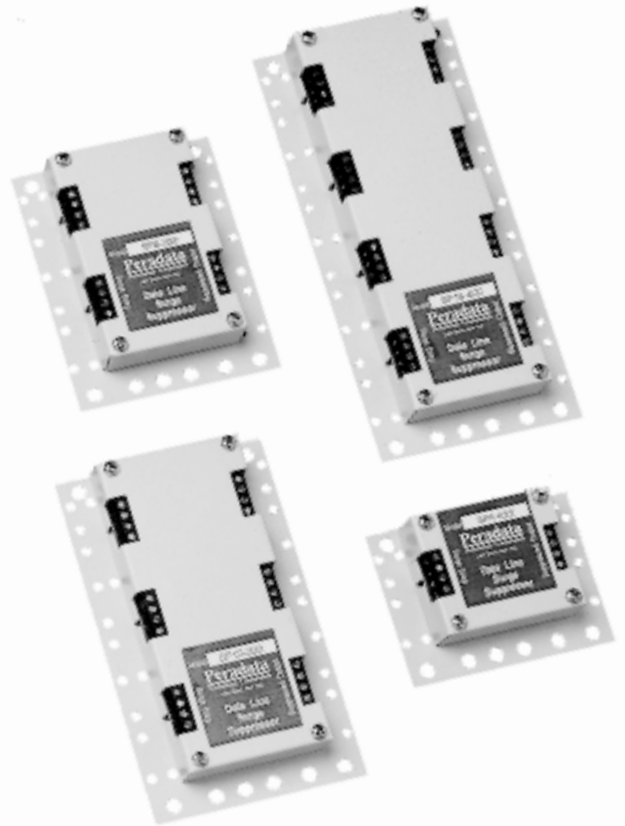
# Multi-Line Surge Suppressors

Did you know that the same voltage spikes and surges on ac power lines can be coupled onto your data lines? Nearby lightning strikes, ac power disturbances and even ac power surge suppressors cause surges on your data cables that can damage your equipment.

Peradata's multi-line surge suppressors protect your LAN and data communications equipment from damaging high voltage transient surges. Install them at the building data cable entrance point or in a wiring closet at each end of a long cable run. They can be installed directly at your equipment data ports for maximum protection.

Peradata surge suppressors react in nanoseconds and reset automatically after each surge. Each suppressor features Peradata's **VSET™** circuitry for superior suppression capability.

These models install easily with wire terminal strips for input and output connections.



<u>Model</u>	<u>Description</u>
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#### 4 line models

SP4H-A	10-base-T, ARCNET (RS485 based), AppleTalk, T1 lines, RS422/485
SP4H-B	ARCNET (20Vpp), Token Ring
SP4H-C	RS232

#### 8 line models

SP8H-A	10-base-T, ARCNET (RS485 based), AppleTalk, T1 lines, RS422/485
SP8H-B	ARCNET (20Vpp), Token Ring
SP8H-C	RS232

#### 12 line models

SP12H-A	10-base-T, ARCNET (RS485 based), AppleTalk, T1 lines, RS422/485
SP12H-B	ARCNET (20Vpp), Token Ring
SP12H-C	RS232

#### 16 line models

SP16H-A	10-base-T, ARCNET (RS485 based), AppleTalk, T1 lines, RS442/485
SP16H-B	ARCNET (20Vpp), Token Ring
SP16H-C	RS232

ARCNET is a registered trademark of Datapoint Corporation

Note: Special configurations and custom cabling of these products are available. Contact our office for application assistance.

Surge suppressors should be installed in pairs, to protect the equipment at each end of the data cable.

## Specifications

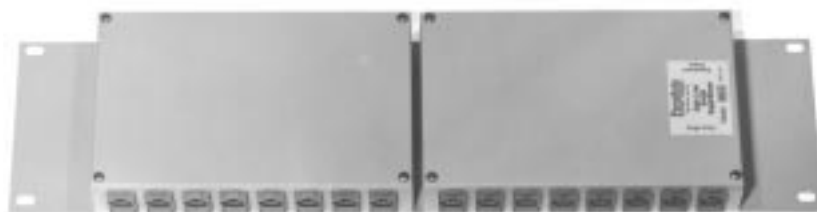
Circuit:	3 stage, solid state <b>VSET™</b> suppression for each data line.
Clamp Voltage:	SPxx-A models: +/- 5V SPxx-B models: +/- 10V SPxx-C models: +/- 15V
Response Time:	less than 1 nanosecond
Data Rate:	SPxH models - up to 20 Mbit/sec SPxL models - up to 38 Kbit/sec
Connections:	wire terminal connections for input and output
Dimensions:	SP4: 2-7/8 x 3-3/4 x 3/4 in. SP8: 4-1/2 x 3-3/4 x 3/4 in. SP12: 6-1/4 x 3-3/4 x 3/4 in. SP16: 8 x 3-3/4 x 3/4 in.
Mounting:	holes provided for wall mounting and for standard 19 inch rack panels

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# Optically Isolated Data Line Interfaces - OEM Products

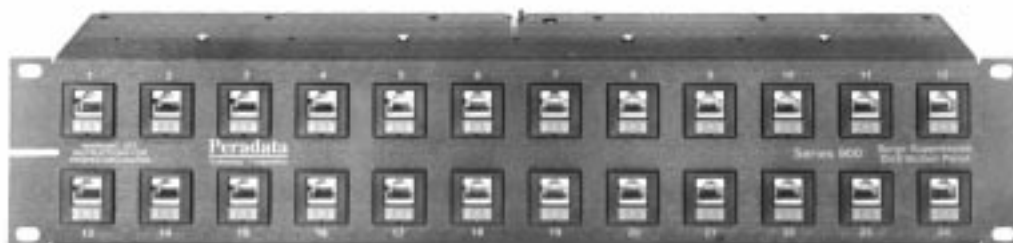
<u>Model</u>	<u>Description</u>
863	8 port 10baseT suppressor, RJ45 jacks
863	8 port Token Ring suppressor, RJ45 jacks
880	8 port RS232 suppressor (terminal server), TD, RD, SG lines on each port
863-2	16 port 10baseT suppressor, RJ45 jacks
872-2	16 port Token Ring suppressor, RJ45 jacks
880-2	16 port RS232 suppressor (terminal server) TD, RD, SG lines on each port



These 8 and 16 port surge suppressors are designed to protect your 10base-T and Token Ring hubs from data line surge damage. They feature RJ45 jacks for each input and output, mounting holes for wall mounting and for standard 19 inch rack panels.

## 24 port Distribution Panel with Integral Surge Suppression

Now, protection from damaging data line surges can be an integral part of your network installation. These models are conventional 24 port patch panels with Peradata's **VSET™** surge suppression circuitry built in. Models are available for 10base-T, Token Ring, TP-PMD, 1 and 2 pair USOC and custom wiring, at data rates up to 20Mbit/s. They feature standard "110" connectors for rear cable termination and RJ45 jacks for each protected output. They use the same cabling and installation techniques as standard patch panels.



<u>Model</u>	<u>Description</u>
921	T1 line, 110/RJ45 Patch panel suppressor
928	ArcNet, 110/RJ45 Patch panel suppressor
963	10baseT, 110/RJ45 patch panel suppressor
972	Token Ring, 110/RJ45 patch panel suppressor
980	RS232, 110/RJ45 patch panel suppressor TD, RD, SG lines on each port

Note: Special configurations and custom cabling of these products are available. Contact our office for application assistance.

### Specifications

Circuit:	800 Series: 3 stage, solid state <b>VSET</b> suppression for each data line 900 Series: 1500W solid state <b>VSET</b> suppression for each data line
Clamp Voltage:	Models 863, 863-2, 963, 972: +/- 5V Models 872, 872-2, 972: +/- 10V Models 880, 880-2, 980: +/- 15V
Response Time:	less than 1 nanosecond
Data Rate:	up to 20 Mbit/sec
Dimensions:	800 Series: 800-2 Series: 4-7/8 in. panel height, 900 Series: Standard 19 inch rack, "2U", 3.5 inch panel height.