BLACK BOX®
NETWORK SERVICES

Surge and V.35 Data-Line Protectors
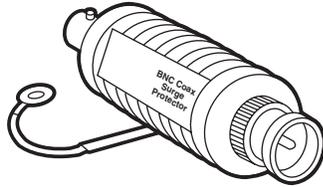
Protect your equipment from harmful surges.

Key Features

▶ *Compact size is easy to install and maintain.*

▶ *Protection for PCs, printers, modems, fax machines, TVs, VCRs, V.35 equipment, keyboards, and more.*

Technically Speaking

Now you can protect your computer equipment and data lines from damaging power surges—before serious problems surface. Each surge protector or data line protector is designed to stay out of your way so you don't know you have them until you need them.

V.35 Data Line Protector
No matter what generated the surge, the resulting problems can seriously impact your computer system's data processing. And this can introduce errors in executable programs in data files, lock up keyboards, and even crash your network system.

Our Data Line Protector safeguards all your V. 35 equipment—modems, CSU/DSUs, T1 components—from lightning and incoming surges.

BNC Coax Surge Protector
You get on-the-spot protection with the BNC Coax Surge Protector, since it connects directly to CCTV coax lines. Cameras in elevated and remote places are now safe from power surges caused by nearby lightning strikes.

Surges are diverted to chassis ground via a braided metal strap. And Silicone Avalanche Diodes provide the fastest response time available.

DB25 Surge Protector
Your PC has a surge protector, but what about your parallel data port? An AC surge protector doesn't protect your parallel data port from transient surges. In fact, AC surge protectors have been know to cause data line surges.

The DB25 Surge Protector guards all 25 pins with Silicone Avalanche Diodes which have the fastest response time, and they don't degrade with each hit as others do. Surges are diverted to chassis ground via a 18 AWG wire.

Centronics Surge Protector
Install this device between your PC and a parallel printer.

CATV Surge Protector
This device protects a TV or VCR that is connected to a cable TV coax line.

Specifications

For SP143A
Clamp Voltage — 30 Volts

Response Time —
<10 microseconds

Maximum Data Rate —
10 Mbps

Maximum Capacitance —
<40pF

Maximum Current —
370 Amps

For SP450A–SP451A
Surge Energy Capability —
SP450A: 1500 W per wire;
SP451A: 600 W per wire

Power — From the interface

Size — SP450A: 5.1 x 2.5 cm
(2" long x 1" diameter);
SP451A: 5.6 x 5.3 x 1.8 cm
(2.2"H x 2.1"W x 0.7"D)

Weight —0.5 kg (1 lb.)

For SP516A–SP517A
Clamp Voltage — 8 Volts

Wires Protected — All

Connectors — SP516A:
36-pin Centronics M/F;
SP517A: CATV F/F F59;
SP518A: 5-pin DIN M/F;
SP519A: 6-pin mini DIN
M/F

Size -

SP516A: 7.6 x 5.1 x 2.3
cm(3"H x 2"W x 0.9"D);
SP517A: 2 x 2 x 7.9 cm
(0.8"H x 0.8"W x 3.1"D);
SP518A:2.3 x 2 x 22.9 cm
(0.9"H x 0.8"W x 9"D);
SP519A: 2.3 x 2 x 21.6 cm
(0.9"H x 0.8"W x 8.5"D)

Weight — 0.1 kg (0.2 lb.)

Ordering Information

PRODUCT NAME	ORDER CODE
V.35 Data-Line Protector	SP143A
BNC Coax Surge Protector	SP450A
DB25 Surge Protector	SP451A
Centronics Surge Protector	SP516A
CATV Surge Protector	SP517A