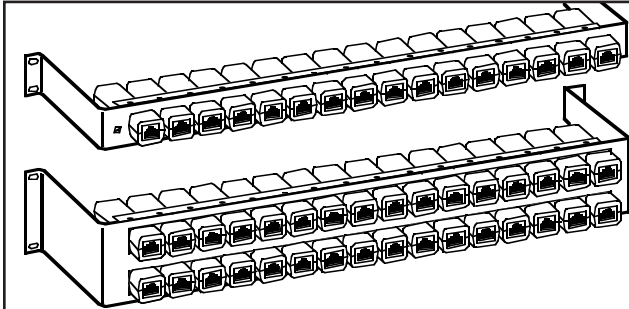


BLACK BOX[®]

NETWORK SERVICES

THE RACK AND FAST RACK SERIES



Protect your expensive communications equipment from surges in the data line.

Technically Speaking

Transient surges can enter electronic equipment through any pathway provided. Even if you're using a reliable AC power protector, transient surge energies generated within a building by sources such as inductive load switching, ground-loop currents and electrostatic discharge are clamped by the power protector into the communication ground, damaging your expensive communications hardware. That's why you need

the extra protection the Rack Series provides.

These protectors are specifically designed to give added security to electronic devices with extremely low tolerance for voltage rises, static electricity, or ground loops.

No matter what your application, there's a rack that's right for you. 7.5-volt models are used with 10BASE-T, RS-422, RS-423, or RS-485. 18-volt models are used with Token Ring, RS-232, and digital 4–20 mA current loop. 240-volt models are used with

dialup voice lines, modem, and fax lines. And if you're working with Fast Ethernet, ATM, or another 100-Mbps application, you'll need a Fast Rack.

Normal installations require one protector at the end of each data line. Once you've installed the Racks, you've got maximum protection.

These modules were designed to reset themselves after protecting your equipment from a surge. In the unlikely event of a surge greater than the module's maximum rating, however, the module will burn itself out rather than allow any damage to your communication port.

Specifications

Peak Pulse Current —
7.5-volt models: 132 Amps;
18-volt models: 60 Amps;
240-volt models: 75 Amps

Response Time — <5 ns

Standard Clamp Time — SP810A-R2, SP815A, SP845A, SP870A-R2, SP875A, SP885A: 7.5 volts;
SP820A-R2, SP825A, SP855A: 18 volts;
SP830A-R2, SP835A, SP865A: 240 volts

Wires Protected — 7.5- and 18-volt models: All; 240-volt models: Centre wires only

Connectors — (16) or (32) RJ-45

Size — SP810A-R2, SP820A R2, SP830A-R2, SP870A-R2: s8.9 x 48.3 x 1.9 cm; SP815A, SP825A, SP835A: 4.3 x 48.3 x 14.2 cm; SP845A, SP855A, SP865A, SP885A: 8.9 x 48.3 x 14.7 cm; SP875A: 4.6 x 48.3 x 14.7 cm

Weight —
16-port models: 0.7 kg;
32-port models: 1.4 kg

Ordering Information

ITEM	CODE
The Rack Series	
16-Port Rackmount, 7.5 Volts.....	SP810A-R2
16-Port Rackmount, 18 Volts.....	SP820A-R2
16-Port Rackmount, 240 Volts	SP830A-R2
16-Port Wallmount, 7.5 Volts	SP815A
16-Port Wallmount, 18 Volts	SP825A
16-Port Wallmount, 240 Volts	SP835A
32-Port Wallmount, 7.5 Volts	SP845A
32-Port Wallmount, 18 Volts	SP855A
32-Port Wallmount, 240 Volts	SP865A
The Fast Rack Series	
16-Port Rackmount, 7.5 Volts.....	SP870A-R2
16-Port Wallmount, 7.5 Volts	SP875A
32-Port Wallmount, 7.5 Volts	SP885A