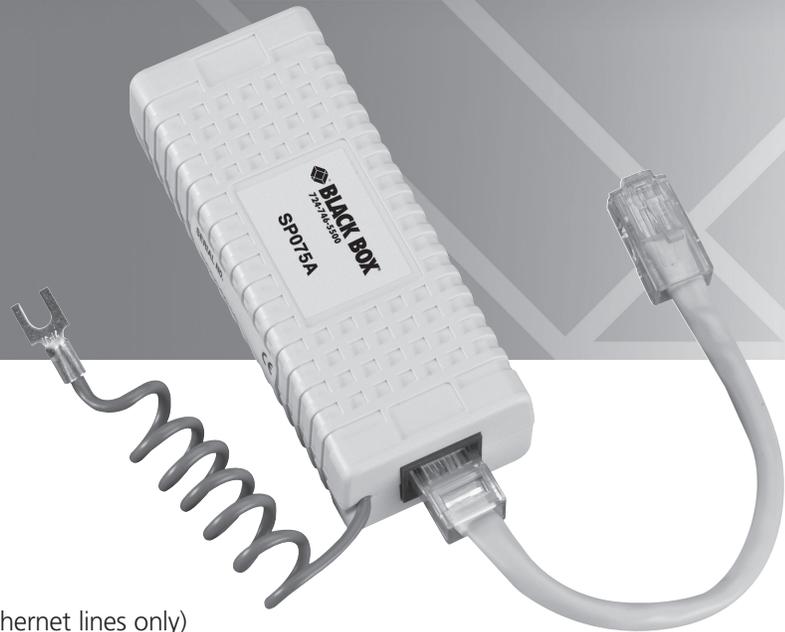




## In-Line Surge Protector, PoE, Mode B (RJ-45 8-Wire)

# Get convenient in-line surge protection for access points on your wireless Ethernet network.

Put avalanche diode and thyristor protection where you need it.



### Specifications

**Application:** PoE (Mode B)

**Ground Wire:** Yes

**Maximum Shunt Capacitance:** <25 pF (Ethernet lines only)

**Peak Pulse Current:** Pins 1, 2, 3, and 6: 132 amps;  
Pins 4, 5, 7, and 8: 50 amps

**Pins Protected:** All

**Protection Type:** Avalanche diode and thyristor technology

**Response Time:** <5 ns

**Standard Clamping Voltage:** Pins 1, 2, 3, and 6: 7.5 volts;  
Pins 4, 5, 7, and 8: 60 volts

**Connectors:** (2) RJ-45 F

### Overview

This in-line surge protector protects datalines for both line-to-line and ground-to-line surges. It will also protect wireless access points that are typically installed in remote locations, which is important because the remote access points may expose devices to severe transients and surges.

### What's included

- In-Line Surge Protector
- 6" RJ-45 patch cable
- Specification sheet

For installation instructions, turn this page over...

### Customer Support Information

Order toll-free in the U.S.: Call 877-877-BBOX (outside U.S. call 724-746-5500)  
FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746  
Mailing address: Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018  
Web site: [www.blackbox.com](http://www.blackbox.com) • E-mail: [info@blackbox.com](mailto:info@blackbox.com)

## Installation Steps

1. Disconnect the RJ-45 line from the equipment you wish to protect.
2. If the equipment you wish to protect is metal, plug the surge protector into the unit and attach the ground wire to the unit's chassis. If the unit is plastic, connect the ground wire to the electrical outlet ground for the unit.
3. Connect the network-side RJ-45 cable to the surge protector and connect the patch cable included with the surge protector between the surge protector and the equipment you are protecting.



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