

The AWSCAT5PS-I is designed to protect Power-Over-Ethernet (POE) data/communication lines in local and wide area networks up to 100Base-T transmission speeds. All eight pins are protected by a carefully designed circuit that isolates data from Ethernet power lines. The ultra-sharp clamping response of the AWSCAT5PS-I permanently eliminates transients from your POE applications.



### APPLICATION

- Computer control rooms - Educational Institutions -  
Server Farms - Commercial offices - Manufacturing  
Facilities - Transmitter/Receiver Stations

### SPECIFICATIONS

**Data Clamp Voltage:** (Pins 1, 2, 3, 6)  
30V DC  
**Power Clamp Voltage:** (Pins 4, 5, 7, 8)  
60V DC  
**Peak Pulse Current:** (10/1000 $\mu$ s)  
132 amps  
**Response Time:** < 5 nanoseconds  
**Max. Shunt Capacitance:** < 25 pf  
**Protection Mode:** Line – Ground  
**Connector:** RJ-45