

Installation Instructions

Data Line Protection Products

Protect your network products



WARNING

1. Read and understand all instructions before installation.
2. The ground wire on the suppressor must be attached directly to the metal chassis of the equipment to be protected. The shortest lead length possible is recommended.
3. Verify that the metal chassis of your equipment is connected to ground through a properly grounded AC outlet.
4. This device is not intended to be used as protection against a direct lightning strike.

Installation Instructions

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1. De-energize the unprotected equipment.
2. Disconnect the incoming data line from the equipment
3. Verify that the equipment chassis is attached through the power cord to an earth ground.
4. Directly attach the protector to the equipment port.
5. Attach the green ground wire to the metal chassis:
 - 5.1 Remove a screw on the metal chassis that is within reach of the ground wire.
 - 5.2 Remove any paint around the hole surrounding the screw.
 - 5.3 Install screw with ground wire under it. Tighten securely.
6. Attach the incoming data line to the protector.
7. Re-energize the protected equipment.

Key Specifications/Special Features

- Compact design: small and compact standalone product, no additional components needed, Plug-and-play
- CAT5/CAT5e/CAT6 compatible
- Integral mounting bracket
- DATA Clamping voltage from 6.8V-60V
- POE Clamping voltage from 60V to 200V
- Maximum surge discharge current: 10kA (8 to 20uS)
- Peak pulse current: 100A (10 to 1,000uS)
- Pin protected: all 8 pins (signal pairs and spare pairs)
- Protection mode: differential and common mode
- Insulation impedance: >1,000MOhm
- Data rate: 1,000Mbps
- Impulse protected voltage: <500V
- Response time: <5nS
- Operating temperature: -40 to 85 degree Celsius
- Storage temperature: -40 to 125 degree Celsius
- Dimensions: 91 x 24 x 26mm " Weight: 105g
- Ground lug wire: 16AWG

Serving you with great commitment

The SP RJ45 products passed the CE certification

SP-3137 SP-3138 SP-3155 SP-3139 SP-TV-3151 SP-3156
SP-3157 SP-3158 SP-3159 SP-3160 SP-3161 SP-3162 SP-3163

Has integral mounting Bracket and 10/100/1000Mbps Data Rate.



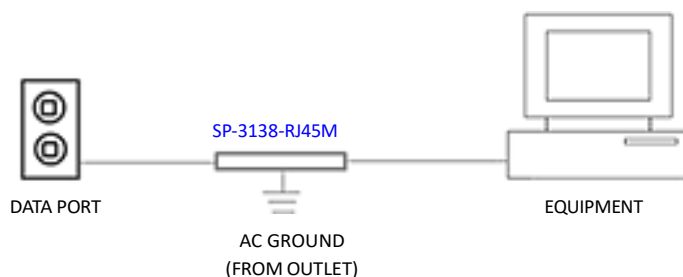
Data Line Protection Products

Our Data Surge Protector is RJ45 with PoE protections; it is also for Cisco Routers, LAN Switches, Automatic Teller Machines [ATM] and all Networked Digital IT equipment surge Protections.

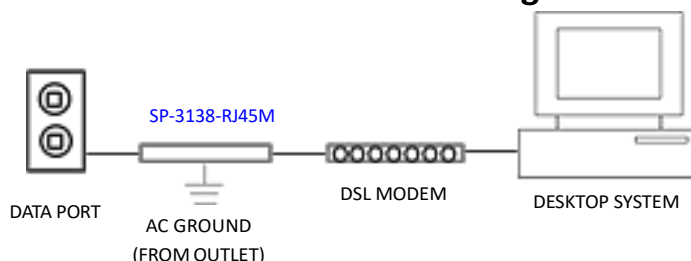
Standards

GR-1089, NEC 800.100 and 830.100,
IEEE 802.3af, UL94 VO Flame Rated.

Data Line Protector Installatio



TDSL Protector Installation Diagram



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