In-Line PoE Surge Protector - 1 Gbps, Cat5e/6, Metal Case, IEC Compliant, TAA

MODEL NUMBER: **B110-SP-POE**









Use in your digital signage network to protect Power over Ethernet (PoE) equipment from surges, ESD and cable discharge events.

Features

In-Line Surge Protector Keeps Your Power Over Ethernet (PoE) Equipment Safe
Ideal for home/corporate security systems, home theaters, trade shows and other digital signage applications, the B110-SP-POE protects connected equipment from damage caused by electrostatic discharge (ESD) and cable discharge events. Just connect it between your source and network equipment using Cat5/5e/6 cables, such as N001-Series snagless patch cables (sold separately). ***Note****: two B110-SP-POE surge protectors are required to protect both source and device.*

Your Last Defense Against Intruding Voltage Spikes
Solid-state silicon-avalanche diode technology features low clamping voltage, providing superior protection against ESD and super-fast response time under one nanosecond. Both mid-span and end-span PoE are supported. The B110-SP-POE meets the following IEC/EN regulations: IEC 61000-4-2 / IEC 61000-4-5 (ESD) 30kV (Air, Contact) and EN 61000-4-5 5kA (8/20s) / 4kV (10/700s).

Ready to Use Right from the Package, So You Can Plug and Play Immediately
This PoE in-line surge protector meets 802.3af and 802.3at IEEE standards, while supporting data transmission speeds up to 1 Gbps. No software, drivers or external power supply is required. The compact metal housing is designed to endure in applications where static discharge is likely to occur. Mounting hardware is included for convenient installation where needed. Be sure the distance between the B110-SP-POE and the equipment it is protecting is no more than 300 feet.

TAA-Compliant for GSA Schedule Purchases
The B110-SP-POE is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Easy to connect between PoE source and device using standard Cat5/5e/6 cabling
- Rapid reaction time under 1 ns helps prevent damage from power surges
- Supports 802.3af/802.3at IEEE standards and data transmission speeds up to 1 Gbps
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

Protect a Power over Ethernet (PoE) device's inputs and outputs against damage from electrostatic discharge or power surge

Package Includes

- B110-SP-POE In-Line 1G PoE Surge Protector
- Grounding wire, 1 ft.
- (4) Mounting screws
- (4) Screw anchors
- Grounding wire screw
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332217875
Product Type	Surge Protector

Technology	Cat5/5e; Cat6; PoE
INPUT	
Input Cord Length (ft.)	0
Right-Angle Plug	No
Input Cord Length (m)	0.00
OUTPUT	
Output Receptacles	Network
Right-Angle Outlets	No
POWER	
Power Over Cable (PoC) Support	Yes
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
USER INTERFACE, ALERTS & CONTROLS	
Diagnostic LED(s)	No
SURGE / NOISE SUPPRESSION	
AC Suppression Joule Rating	0
Automatic Shut-Off	No
DATALINE SURGE SUPPRESSION	
Cable (Coax) Protection	No
Network (Ethernet) Protection	Yes
Telephone/DSL Protection	No
PHYSICAL	
Material of Construction	Aluminium
Housing Color	Black
Rackmountable	No
Shipping Dimensions (hwd / in.)	1.54 x 4.53 x 4.25
Shipping Dimensions (hwd / cm)	3.91 x 11.51 x 10.80
Shipping Weight (lbs.)	0.37
Shipping Weight (kg)	0.17
Unit Dimensions (hwd / in.)	2.630 x 3.430 x 1.060

Unit Dimensions (hwd / cm)	67 x 87 x 27
Unit Packaging Type	Box
Unit Weight (lbs.)	0.28
Unit Weight (kg)	0.13
ENVIRONMENTAL	
Operating Temperature Range	14° to 167°F (10° to 75°C)
Storage Temperature Range	-40° to 194°F (-40° to 90°C)
Relative Humidity	0% to 95% RH, Non-Condensing
ESD Protection	30kV (Air, Contact)
Lightning Protection	5kA (8/20s), 4kV (10/700s)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3af; 802.3at
FEATURES & SPECIFICATIONS	
Rotatable Outlets	No
Antimicrobial	No
Driver Required	No
Recommended Category Cable	Cat5e, Cat6 Cables
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.