In-Line PoE Surge Protector - 1 Gbps, IEC Compliant, TAA

MODEL NUMBER: **B110-SP-POE-1**



Protects Power over Ethernet (PoE) equipment from damage caused by power surges and electrostatic discharge (ESD).

Highlights

Easy to connect between PoE source and device using standard Cat5e/6 cablingRapid reaction time under 1 ns helps prevent damage from power surgesSupports 802.3af/802.3at IEEE standards and data transmission speeds up to 1 GbpsPlug-and-play operation with no software required for easy, immediate installationCompliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- B110-SP-POE-1 In-Line PoE Surge Protector
- Grounding wire, 1 ft. (0.3 m)
- Grounding wire screw
- (4) Mounting screws
- (2) Surface-mount brackets
- Installation Instructions

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-1 protects connected equipment from damage caused by power surges and electrostatic discharge (ESD). Just connect it between your source and network equipment using Cat5e/6 cables (such as N001-Series cables, sold separately). ***Note**: Two B110-SP-POE-1 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-1 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 or external power supply is required. The compact 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-1 and the equipment it is protecting is no more than 300 feet (91 meters).

TAA-Compliant for GSA Schedule Purchases
The B110-SP-POE-1 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332286932
Product Type	In-Line Surge Protector

Accessory Type	Surge Protector
Technology	Cat5/5e; Cat6; Cat6a
INPUT	
Input Cord Length (ft.)	0
Right-Angle Plug	No
Input Cord Length (m)	0.00
OUTPUT	
Output Receptacles	Network
Right-Angle Outlets	No
CONNECTIONS	
Number of Ports	1
PoE Capability	15.4W (802.3af); 30W (802.3at)
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Connector Plating	Gold
PoE Type	Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at)
USER INTERFACE, ALERTS & CONTROLS	
Diagnostic LED(s)	No
SURGE / NOISE SUPPRESSION	
AC Suppression Joule Rating	0
AC Suppression Response Time	<1 ns
Automatic Shut-Off	No
DATALINE SURGE SUPPRESSION	
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
Telephone/DSL Protection	No
PHYSICAL	
Material of Construction	ABS
Housing Color	Black
Rackmountable	No
Shipping Dimensions (hwd / in.)	2.17 x 6.10 x 4.80
Shipping Dimensions (hwd / cm)	5.51 x 15.49 x 12.19

Shipping Weight (lbs.)	1.24
Shipping Weight (kg)	0.56
Unit Dimensions (hwd / in.)	1.010 x 3.610 x 2.530
Unit Packaging Type	Box
Unit Weight (lbs.)	0.55
Unit Weight (kg)	0.25
Mounting Details	Two surface-mount brackets with screws
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	5° to 122°F (-15° to 50°C)
Relative Humidity	0% to 85% RH, Non-Condensing
ESD Protection	+/-15kV (air); +/-8kV (contact)
EFT Protection	2kV
Lightning Protection	2kA (8/20 s), 6kV (8/20 s)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
IEEE Standards Supported	802.3af; 802.3at
FEATURES & SPECIFICATIONS	
Rotatable Outlets	No
Antimicrobial	No
Grounding	Includes 1 ft. (0.3 m) grounding wire with screw
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	Yes
Multi-Resolution Support	No
Network Speed Support	1 Gbps (Gigabit)
Driver Required	No
Recommended Category Cable	Cat5/5e/6
DIN Mountable	No

STANDARDS & COMPLIANCE	
Product Certifications	IEC 61000
Product Compliance	CE (Europe); IEEE 802.3af PoE; IEEE 802.3at PoE+; RoHS; Trade Agreements Act (TAA); UKCA; WEEE
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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