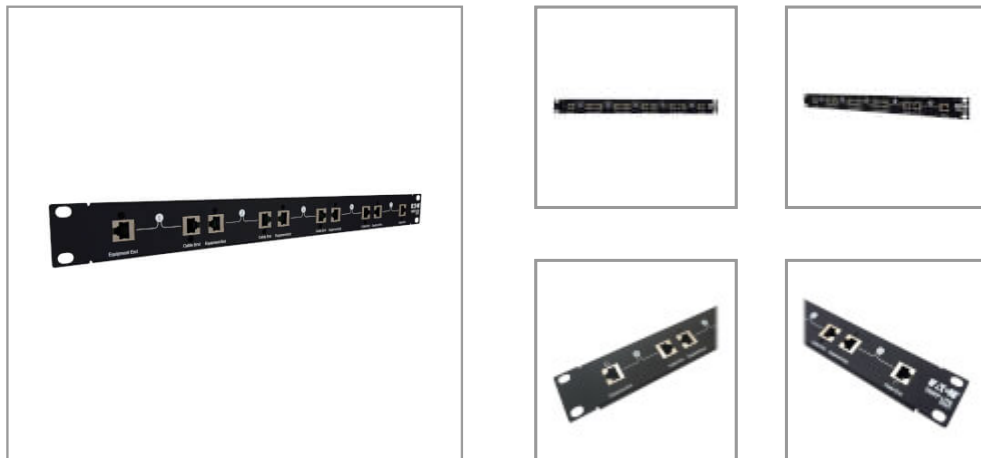


In-Line PoE++ Surge Protector - 1 Gbps, 5 RJ45 Ports, 100W PoE, Cat5e/6, Metal Case, IEC Compliant, 1U Rack, TAA

MODEL NUMBER: **B110-SPPOEC-A5**



Protects up to 5 PoE devices in your Gigabit Ethernet network against damage caused by power surges and ESD.

Features

1U In-Line Surge Protector Keeps Your PoE Equipment Safe

Ideal for home/corporate IP security/building cameras, wireless access points, network switches and other appropriate network/PoE devices, the B110-SPPOEC-A5 protects connected Power over Ethernet (PoE) equipment from damage caused by electrostatic discharge (ESD) and power surges. Just connect it between your source, such as an Ethernet switch, and up to five PoE devices using Cat5e/6 cables. The 1U rack panel streamlines circuit protector placement for your entire system, typically located in the rear of a 19-inch rack for input/output lines.

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-SPPOEC-A5 meets the following IEC/EN regulations: IEC 61000-4-2 for ESD (8k/15kV), IEC 61000-4-4 for EFT (2kV, 5kHz/100kHz) and IEC 61000-4-5 for lightning (2KA 8/20s, 6KV 8/20s).

Ready to Use Right from the Package, So You Can Plug and Play Immediately

This PoE++ in-line surge protector meets 802.3af, 802.3at and 802.3bt Type 4 IEEE standards, while supporting data transmission speeds up to 1 Gbps. No software 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 rack installation in 1U of space.

TAA-Compliant for GSA Schedule Purchases

The B110-SPPOEC-A5 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 devices using standard Cat5e/6 cabling
Rapid reaction time under 1 ns helps prevent damage from power surges
Supports 802.3af/802.3at/802.3bt IEEE standards and data 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

Package Includes

- B110-SPPOEC-A5 In-Line PoE++ Surge Protector
- Grounding wire, 1 ft. (0.3 m)
- Grounding wire screw
- (4) Rack-mounting screws
- Installation instructions

Specifications

OVERVIEW



Powering Business Worldwide

TRIPP LITE
SERIES

UPC Code	037332295200
Product Type	In-Line Surge Protector
Accessory Type	Surge Protector
Technology	Cat5/5e; Cat6; Cat6a
Country/Region	Global
Accessory Class	Audio Video Accessories
VIDEO	
Recommended Cabling	STANDARD CAT5/5E/6 CABLING
INPUT	
Input Cord Length (ft.)	0
Right-Angle Plug	Yes
Input Cord Length (m)	0.00
OUTPUT	
Output Receptacles	(5) Network
Right-Angle Outlets	Yes
CONNECTIONS	
Number of Ports	10
PoE Capability	15.4W (802.3af); 30W (802.3at); 100W (802.3bt)
PoE Power Budget (Watts)	100
PoE Port Description	Supports PD PoE and PSE PoE
PoE Supported Ports	5
Side A - Connector 1	(5) RJ45 (FEMALE)
Side B - Connector 1	(5) RJ45 (FEMALE)
PoE Type	Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at); Type 4 High-Power (100W, IEEE 802.3bt)
USER INTERFACE, ALERTS & CONTROLS	
Diagnostic LED(s)	No
SURGE / NOISE SUPPRESSION	
AC Suppression Joule Rating	0
AC Suppression Response Time	<0.7 NS
Automatic Shut-Off	No
DATALINE SURGE SUPPRESSION	
Cable (Coax) Protection	No



Powering Business Worldwide

TRIPP LITE
SERIES

Network (Ethernet) Protection	Yes
Telephone/DSL Protection	No
PHYSICAL	
Color	Black
Material of Construction	SECC, ZINC
Rack Height	1U
Housing Color	Black
Included Mounting Accessories	No
Total Number of Ports	10
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.95 x 22.05 x 3.94
Shipping Dimensions (hwd / cm)	7.49 x 56.01 x 10.01
Shipping Weight (lbs.)	1.62
Shipping Weight (kg)	0.73
Unit Dimensions (hwd / in.)	1.720 x 19.000 x 0.940
Unit Dimensions (hwd / cm)	4.37 x 48.3 x 2.39
Unit Dimensions (hwd / mm)	43.7 X 482.6 X 23.9
Unit Packaging Type	Box
Unit Weight (lbs.)	1.34
Unit Weight (kg)	0.61
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 (5KHz/100KHz)
Lightning Protection	2kA (8/20 s), 6kV (8/20 s)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
Transmission Distance	300 ft (91.4 m)
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No



Powering Business Worldwide

TRIPP LITE
SERIES

Consumer Electronics Control (CEC) Supported	No
IEEE Standards Supported	802.3af; 802.3at; 802.3bt
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

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

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.