



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 802.3af 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.

Specifications

OVERVIEW	
UPC Code	037332217875
Product Type	Surge Protector

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





Input Cord Length (th.) 0	Technology	Cat5/5e; Cat6; PoE	
Injut Card Length (It)			
Right-Angle Plug No Input Cord Length (m) 0.00 OUTPUT OUTPUT OUTPUT OUTPUT OUTPUT POWER POWER USER INTERFACE, ALERTS & CONTROL Diagnostic LED(e) No SURGE / NOISE SUPPRESSION AC Suppression Joule Rating 0 ALIGNES SUPPRESSION AC Suppression Joule Rating 0 ALIGNES SUPPRESSION DATALINE SURGE SUPPRESSION AC Suppression Joule Rating No SURGE / NOISE SUPPRESSION Total Coloper Suppression No Suppression Joule Rating No SURGE / NOISE SUPPRESSION Total Coloper Suppression Joule Rating No Noise Suppression Journal Coloper Suppression Jo			
Input Cord Length (m) 0.00 Output Receptacles Network Right-Angleo Outets No POWER Power Oable (PoC) Support Yes USER INTERFACE, ALERTS & CUSTON Diagnostic LED(s) No SURGE / NOISE SUPPRESSION A Coupression Joule Rating 0 A Unimatic Shut-Oif No DATALINE SURGE SUPPRESSION Cable (Coax) Protection No New Ork (Ethernet) Protection No New Ork (Ethernet) Protection No PHYSICAL Material of Construction Aluminium Housing Color Black Rackmountable No Shipping Dimensions (mvd / in.) 1.54 x 4.53 x 4.25 Shipping Weight (kg) 0.37 Shipping Weight (kg) 0.17 Unit Dimensions (mvd / cm) 67 x 87 x 27 Unit Dimensions (mvd / cm) 67 x 87 x 27	Input Cord Length (ft.)	0	
Output Receptacles Network Right-Angle Outlets No POWER Power Over Cable (PoC) Support Yes USER INTERFACE, ALERTS & CONTINUATION No SURGE / NOISE SUPPRESSION AC Suppression Joule Rating 0 Automatic Shut-Off No DAJLINE SURGE SUPPRESSION Cable (Coax) Protection No No DAJLINE SURGE SUPPRESSION Cable (Coax) Protection No No DAJLINE SURGE SUPPRESSION Cable (Coax) Protection No No PHYSICAL Material of Construction Aluminium Housing Color Black Rackmountable No Shipping Dimensions (mvd / in.) 1.54 x 4.53 x 4.25 Shipping Weight (kg) 0.37 Shipping Weight (kg) 0.17 Unit Dimensions (mvd / cm) 2.630 x 3.430	Right-Angle Plug	No	
Output Receptacles Network Right-Angle Outlets No POWER Power Over Cable (PoC) Support Yes 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 / in.) 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 / orn) 67 x 87 x 27 Unit Dimensions (hwd / orn) 67 x 87 x 27 Unit Packaging Type Box </td <td>Input Cord Length (m)</td> <td>0.00</td>	Input Cord Length (m)	0.00	
Right-Angle Outlets POWER Power Over Cable (PoC) Support	ОИТРИТ		
POWER Dower Over Cable (PoC) Support Yes USER INTERFACE, ALERTS & CONTOLS 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 (rwd / in.) 1.54 x 4.53 x 4.25 Shipping Dimensions (rwd / cm) 3.91 x 11.51 x 10.80 Shipping Weight (lbs.) 0.37 Shipping Weight (kg) 0.17 Unit Dimensions (rwd / cm) 67 x 87 x 27 Unit Dimensions (rwd / cm) 67 x 87 x 27 Unit Packaging Type Box	Output Receptacles	Network	
Power Over Cable (PoC) Support Yes USER INTERFACE, ALERTS & CONTOLS 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 / or.) 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 / or.) 67 x 87 x 27 Unit Dimensions (hwd / or.) 67 x 87 x 27 Unit Diagnostic (hwd / or.) 60 x	Right-Angle Outlets	No	
Diagnostic LED(s) No SURGE / NOISE SUPPRESSION AC Suppression Joule Rating Automatic Shut-Off No Automatic Shut-Off No ATALINE SURGE SUPPRESSION Cable (Coax) Protection No Network (Ethernet) 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 / om) 3.91 x 11.51 x 10.80 Shipping Weight (kg) 0.17 Unit Dimensions (hwd / in.) 2.630 x 3.430 x 1.060 Unit Dimensions (hwd / om) 6 7 x 87 x 27 Unit Packaging Type Box	POWER		
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 / rm) 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 Dimensions (the description) Box	Power Over Cable (PoC) Support	Yes	
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 / rm) 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 Dimensions (the description) Box	LISED INTEDEACE ALEDTS & CONTROLS		
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			
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	Diagnostic LLD(s)		
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 / cm) 4.63 x 27 Unit Packaging Type Box	SURGE / NOISE SUPPRESSION		
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 / cm) 67 x 87 x 27 Unit Packaging Type Box	AC Suppression Joule Rating	0	
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 / cm) 67 x 87 x 27 Unit Packaging Type Box	Automatic Shut-Off	No	
Network (Ethernet) Protection Yes Telephone/DSL Protection 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	DATALINE SURGE SUPPRESSION		
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 / cm) 67 x 87 x 27 Unit Packaging Type Box	Cable (Coax) Protection	No	
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 / cm) 67 x 87 x 27 Unit Packaging Type Box	Network (Ethernet) Protection	Yes	
Material of ConstructionAluminiumHousing ColorBlackRackmountableNoShipping Dimensions (hwd / in.)1.54 x 4.53 x 4.25Shipping Dimensions (hwd / cm)3.91 x 11.51 x 10.80Shipping Weight (lbs.)0.37Shipping Weight (kg)0.17Unit Dimensions (hwd / in.)2.630 x 3.430 x 1.060Unit Dimensions (hwd / cm)67 x 87 x 27Unit Packaging TypeBox	Telephone/DSL Protection	No	
Material of ConstructionAluminiumHousing ColorBlackRackmountableNoShipping Dimensions (hwd / in.)1.54 x 4.53 x 4.25Shipping Dimensions (hwd / cm)3.91 x 11.51 x 10.80Shipping Weight (lbs.)0.37Shipping Weight (kg)0.17Unit Dimensions (hwd / in.)2.630 x 3.430 x 1.060Unit Dimensions (hwd / cm)67 x 87 x 27Unit Packaging TypeBox	PHYSICAL		
Housing Color Rackmountable No Shipping Dimensions (hwd / in.) Shipping Dimensions (hwd / cm) 3.91 x 11.51 x 10.80 Shipping Weight (lbs.) Shipping Weight (kg) 0.17 Unit Dimensions (hwd / cm) 67 x 87 x 27 Unit Packaging Type Box	Material of Construction	Aluminium	
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	Housing Color	Black	
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	-		
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			
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			
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 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 Dimensions (hwd / cm) 67 x 87 x 27 Unit Packaging Type Box		2.630 x 3.430 x 1.060	
Unit Packaging Type Box			
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	
CONNECTIONS		
Side A - Connector 1	RJ45 (FEMALE)	
Side B - Connector 1	RJ45 (FEMALE)	
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.