

Data Surge Protector SPD ALPU Outdoor Gigabit Ethernet/PoE+ 110 Punch Down Block SASD

1101-778
ALPU-ORT



Features

- Models for all Common Ethernet/PoE Protocols
- Pole or Wall Mount
- Punch Down Block Wiring

Applications

- Gigabit Ethernet/PoE+ Networks
- Telecommunications Base Stations
- WISP/ISP
- IT & Data Centers
- Point-to-Point Links
- Control Lines and Sense Loops
- Oil & Gas

Description

Data surge protector (also known as SPD or lightning protector) 1101-778 from Transtector is an outdoor style SPD that utilizes state of the art SASD technology to protect critical equipment in Gigabit Ethernet/PoE+ protocol data networks while remaining transparent to data throughput. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by absorbing high amounts of transient energy while maintaining a very low clamping voltage. Transtector Data Signal surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors		110 Punch Down Block		
Compatible Cables		Cat5/5e UTP		
Data Protocols		Gigabit Ethernet/PoE+		
Data Rate			1,000	Mb/s
Vdc Rating (Data)			99	Vdc
Voltage Rating (DC)			94	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G, L-L		
10/1000 μ s Surge Current				
L-G			120	A

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Data Surge Protector SPD ALPU Outdoor Gigabit Ethernet/PoE+ 110 Punch Down Block SASD 1101-778](#)

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Response Time	5	ns
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Mechanical Specifications

Size

Height	6.4 in	[162.56 mm]
Width	4.68 in	[118.87 mm]
Depth	2.5 in	[63.5 mm]
Weight	1.4 lbs	[635.03 g]

Environmental Specifications

Operating Temperature	-40 to +80 deg C
Storage Temperature	-40 to +80 deg C

Environmental Protection Rating	NEMA 3R
Humidity	99% non-condensing

Installation

Mount Type	Wall
Installation Hardware	#6 X 1" Self-Tapping Screw, Anchor
Grounding	Compression Lug #2 - #8 AWG

Compliance Certifications

RoHS Compliant	Yes
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Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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1101-778 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/21/19
		APPROVED DWR

4X WALL MOUNT HOLES

4X 4-POS 110 PUNCH DOWN BLOCKS FOR IN/OUT SERVICE WIRING

GROUND LUG

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X±.2 [5.08] FRACTIONS ± 1/32

XX±.01 [.25] ANGLES ± 1°

XXX±.005 [.13] THIRD-ANGLE PROJECTION

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

4.68 [119]

6.40 [162.6]

2X WEATHERIZED STRAIN RELIEFS FOR IN/OUT SERVICE WIRING

2.50 [63.5]

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SHEET 1 OF 1
SCALE 1:3

SIZE CAGE A 30992 DRAWN BY HMB PART NUMBER 1101-778 REV A

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