

Data Surge Protector SPD ALPU Outdoor 10/100 Base-T Ethernet/PoE+ Shielded RJ45 SASD, Metal Enclosure

1101-932
ALPU-POE-60-M



Features

- Models for all Common Ethernet/PoE Protocols
- Shielded RJ-45 or Punch Down Block Wiring
- Pole or Wall Mount
- Pole Mount Kit Accessory 1000-1164

Applications

- 10/100 Base-T 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) 1101-932 from Transtector is an outdoor style SPD that utilizes state of the art SASD technology to protect critical equipment in 10/100 Base-T 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		Shielded RJ45		
Compatible Cables		Cat5/5e UTP/STP, Cat6/6A STP		
Data Protocols		10/100 Base-T Ethernet/PoE+		
Data Rate			100	Mb/s
Characteristic Impedance			100	Ohms
Vdc Rating (Data)		48	60	Vdc
Voltage Rating (DC)			6	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		

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 10/100 Base-T Ethernet/PoE+ Shielded RJ45 SASD, Metal Enclosure 1101-932](#)

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10/1000 μ s Surge Current			
L-G		100	A
Vpl 10/1000 μ s			
L-G	25 @ 100A data pins		Vpk
Response Time		5	ns

Mechanical Specifications

Size

Height	7.15 in	[181.61 mm]
Width	5.69 in	[144.53 mm]
Depth	1.65 in	[41.91 mm]
Weight	0.8 lbs	[362.87 g]

Environmental Specifications

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

Environmental Protection Rating	NEMA 3R
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Installation

Mount Type	Wall
Installation Hardware	#6 X 1" Self-Tapping Screw, Anchor
Grounding	1/4-20 Screw, Washer

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Ethernet/PoE+ Shielded RJ45 SASD, Metal Enclosure

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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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1101-932 CAD Drawing

