

Data Surge Protector SPD ALPU ALPU-TSU Replacement PCBA RJ45 Terminal Block SASD, -TSU PCB Assy



2250-700 PCB ASSY ALPU-TSU

Features

- Models for all Common Ethernet/PoE Protocols
- Shielded RJ-45 or Screw Terminal
- Pole or Wall Mount

Applications

- 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) 2250-700 from Transtector is an outdoor style SPD that utilizes state of the art technology to protect critical equipment in 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		RJ45 to Terminal Block		
Compatible Cables		Cat5/5e UTP/STP, Cat6/6A STP		
Data Protocols		ALPU-TSU Replacement PCBA		
Data Rate			100	Mb/s
Power over Ethernet Protocols		PoE		
Vdc Rating (Data)		48	60	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			200	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 ALPU-TSU Replacement PCBA RJ45 Terminal Block SASD, -TSU PCB Assy 2250-700](#)

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2250-700
PCB ASSY ALPU-TSU

8/20 μ s Surge Current				
L-G			2.5	kA
V _{pl} 10/1000 μ s				
L-G	21.5 @ 200A		86 @ 200A	V _{pk}
V _{pl} 8/20 μ s				
L-G	27 @ 2.5kA		108 @ 2.5kA	V _{pk}
L-G	27 @ 2.5kA		108 @ 2.5kA	V _{pk}
Response Time			5	ns

Mechanical Specifications

Size

Height	3.25 in	[82.55 mm]
Width	2.9 in	[73.66 mm]
Depth	0.6 in	[15.24 mm]

Environmental Specifications

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

Installation

Mount Type	1101-656-1
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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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2250-700 CAD Drawing

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

3.25 [82.6]

2.90 [73.7]

.60 [15.2]

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

TOLERANCES:
 .X±.2 [5.08] FRACTIONS ± 1/32
 .XX±.01 [.25] ± 1/32
 .XXX±.005 [.13] ANGLES ± 1°

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
 THIRD-ANGLE PROJECTION

TRANSTECTOR

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SHEET 1 OF 1
 SCALE 1:2

SIZE CAGE A 30992

DRAWN BY HMB

PART NUMBER 2250-700

REV A

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