

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			200	A
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 ALPU-TSU Replacement PCBA RJ45 Terminal Block SASD, -TSU PCB Assy 2250-700](#)

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

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 _{pl} 8/20 μ s		
L-G	27 @ 2.5kA	108 @ 2.5kA
L-G	27 @ 2.5kA	108 @ 2.5kA
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
------------	------------

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](#)

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

2250-700
PCB ASSY ALPU-TSU



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.

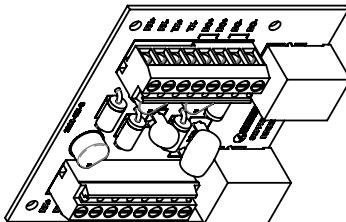
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Data Surge Protector SPD ALPU ALPU-TSU Replacement PCBA RJ45 Terminal Block SASD, -TSU PCB Assy 2250-700](https://www.transtector.com/data-surge-protector-spd-alpu-alpu-tsu-2250-700-p.aspx)

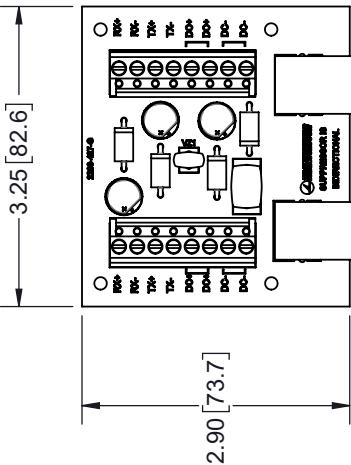
URL: <https://www.transtector.com/data-surge-protector-spd-alpu-alpu-tsu-2250-700-p.aspx>

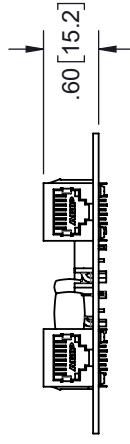
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

2250-700 CAD Drawing

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







THE INFORMATION AND
DESIGN IN THIS DOCUMENT
IS THE PROPERTY OF
TRANSTECTOR CORPORATION.
ALL RIGHTS RESERVED.

TRANSTECTOR

10701 AIRPORT ROAD, HAYDEN, ID. 83835
PHONE: 1.208.635.6400 1.800.382.9110
FAX: 1.208.955.2041
www.transtector.com | e-mail: sales@transtector.com

SCALE	1:2
SHEET	1 OF 1
DRAWN BY HMB	
PART NUMBER 2250-700	
CAGE A	30992
REV A	

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

TOLERANCES:

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

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT
ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.