Data Surge Protector SPD ALPU Outdoor 10/100 Base-T
Ethernet/PoE+ Terminal Block SASD

1101-580
ALPU 2ETH

Features

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

Applications

- 2 Ethernet and 1 DC Pair 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) 1101-580 from Transtector is an outdoor style SPD that utilizes state of the art technology to protect critical equipment in 2 Ethernet and 1 DC Pair 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		Terminal Block		
Compatible Cables		Cat5/5e UTP		
Data Protocols		2 Ethernet, 1 DC Pair		
Data Rate			100	Mb/s
Vdc Rating (Data)		48	80	Vdc
Voltage Rating (DC)		5	20	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-G, L-L		
10/1000μs Surge Current				
L-G			150 Coax	A
			300 DC	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 10/100 Base-T Ethernet/PoE+ Terminal Block SASD 1101-580

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Response Time		5	ns

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	0.92 lbs	[417.3 g]

Environmental Specifications
Operating Temperature	-40 to +80 deg C
Storage Temperature	-40 to +80 deg C
Environmental Protection Rating	NEMA 3R

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

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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URL: https://www.transtector.com/data-surge-protector-spd-alpu-outdoor-10-1101-580-p.aspx

1101-580 CAD Drawing

SHEET 1 OF 1

SCALE 1:3

REV A

REVISIONS

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

4X WALL MOUNT HOLES

2X 16-POS TERMINAL BLOCKS FOR IN/OUT SERVICE WIRING

GROUND LUG

2X WEATHERIZED STRAIN RELIEFS FOR IN/OUT SERVICE WIRING

6.40 [162.6]

4.68 [119]

2.50 [63.5]

TRANSTECTOR

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SIZE	CAGE	DRAWN BY	PART NUMBER
A	30992	HMB	1101-580

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

T-Rev A

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