TRANSTECTOR™
an INFINITE brand

Data Surge Protector SPD ALPU Outdoor Gigabit Ethernet Shielded RJ45 SASD CE Compliant, IEC60950-1, ATEX, UL



1101-935
ALPU-1000BT-CS-M

Features

- UL/IEC60950-1, ATEX
- 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

- Gigabit Ethernet 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) 1101-935 from Transtector is an outdoor style SPD that utilizes state of the art SASD technology to protect critical equipment in Gigabit Ethernet 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		Gigabit Ethernet		
Data Rate			1,000	Mb/s
Characteristic Impedance			100	Ohms
Capacitance (Common)			15	pF
Vdc Rating (Data)		3.3	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 Gigabit Ethernet Shielded RJ45 SASD CE Compliant, IEC60950-1, ATEX, UL 1101-935

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10/1000µs Surge Current			
L-G		100	A
Vpl 10/1000µs			
L-G	25 @ 100A		Vpk
Response Time		5	ns

Mechanical Specifications

Size

Height	7.14 in	[181.36 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 +75 deg C
Storage Temperature	-40 to +75 deg C
Environmental Protection Rating	NEMA 3R
Mount Type	Pole/Wall
Installation Hardware	#6 X 1” Self-Tapping Screw, Anchor
Grounding	1/4-20 Screw, Washer

Compliance Certifications

RoHS Compliant	Yes
CE Compliant	Yes
UL Compliant	Yes
Hazardous Locations	Yes
Certifications	ATEX IEC60950-1 Haz Loc Ratings 6Vdc, 4A (1A per line), IP54 Class 1 Division 2 Groups A,B,C,D T6 Class 1 Zone2 Aex nA IIC T6 Gc Class1 Zone 2 Ex nA IIC T6 Gc

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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.

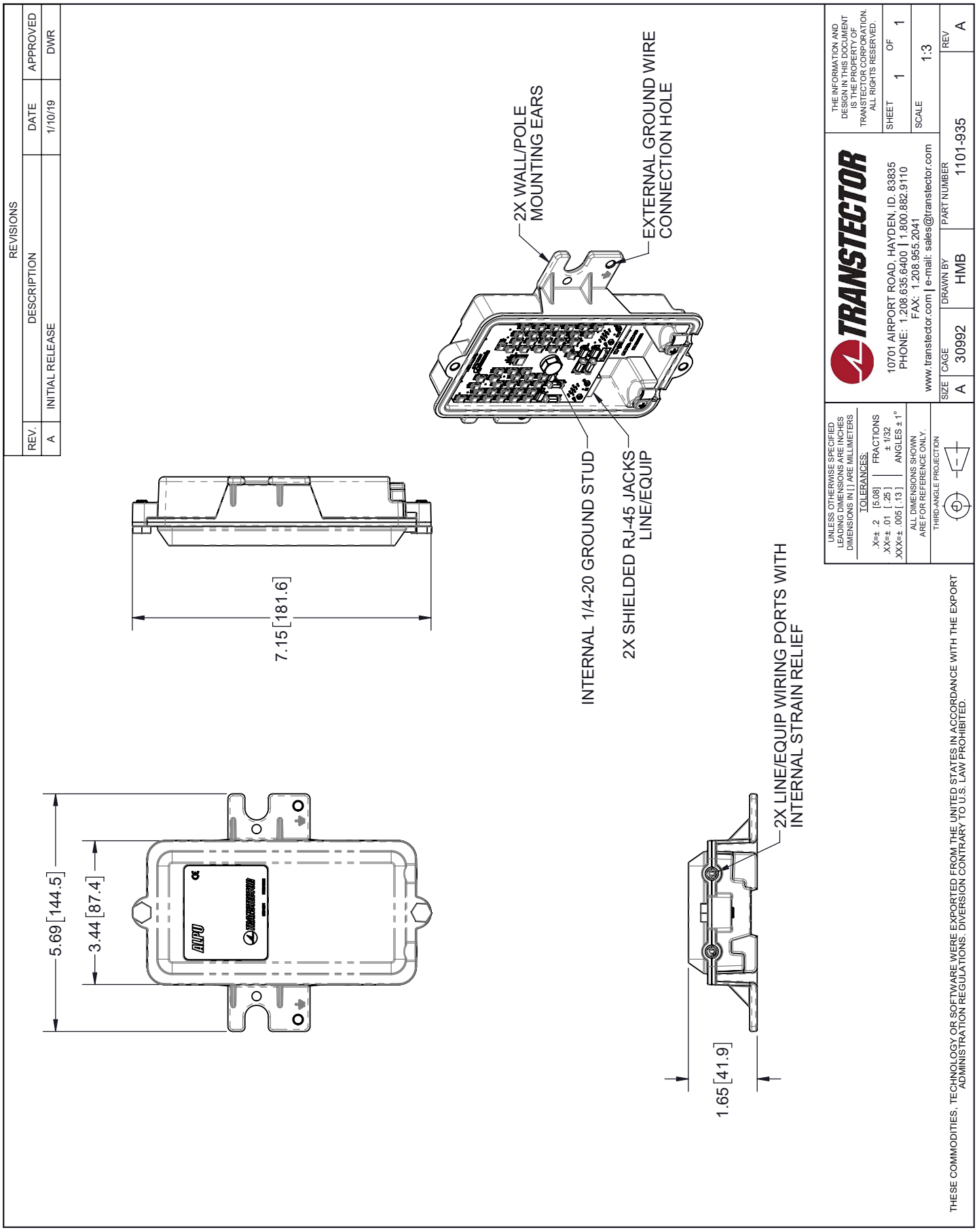
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URL: https://www.transtector.com/data-surge-protector-spd-alpu-outdoor-gigabit-1101-935-p.aspx

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1101-935 CAD Drawing



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