Data Surge Protector SPD ALPU Outdoor 10/100 Base-T Ethernet/PoE+ 110 Punch Down Block SASD, UL 497, Primary Protector



1101-640

Features

- UL 497
- Models for all Common Ethernet/PoE Protocols
- Punch Down Block Model
- Pole or Wall Mount

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) 1101-640 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		110 Punch Down Block		
Compatible Cables		Cat5/5e UTP		
Data Protocols		10/100 Base-T Ethernet/ PoE+		
Data Rate			100	Mb/s
Power over Ethernet Protocols			PoE	
Vdc Rating (Data)		55	90	Vdc
PoE Power			55	W
PoE Current Per Pin			1	A

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		
10/1000µs Surge Current L-G			150	A
8/20µs Surge Current L-G			1.5	kA

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Vpl 10/1000µs L-G		130 @ 150A		Vpk
Vpl 8/20µs L-G		152 @ 1500A		Vpk
Response Time			5	ns

Mechanical Specifications

Size

Length	6.4 in	[162.56 mm]
Width/Diameter	4.68 in	[118.87 mm]
Height	2.5 in	[63.5 mm]
Weight	1.7 lbs	[771.11 g]

Environmental Specifications

Temperature

Operating Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 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

Compliance Certifications

UL Compliant	Yes
Certifications	UL 497

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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.

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+ 110 Punch Down Block SASD, UL 497, Primary Protector 1101-640

URL: https://www.transtector.com/data-surge-protector-spd-alpu-outdoor-10-1101-640

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1101-640 CAD Drawing

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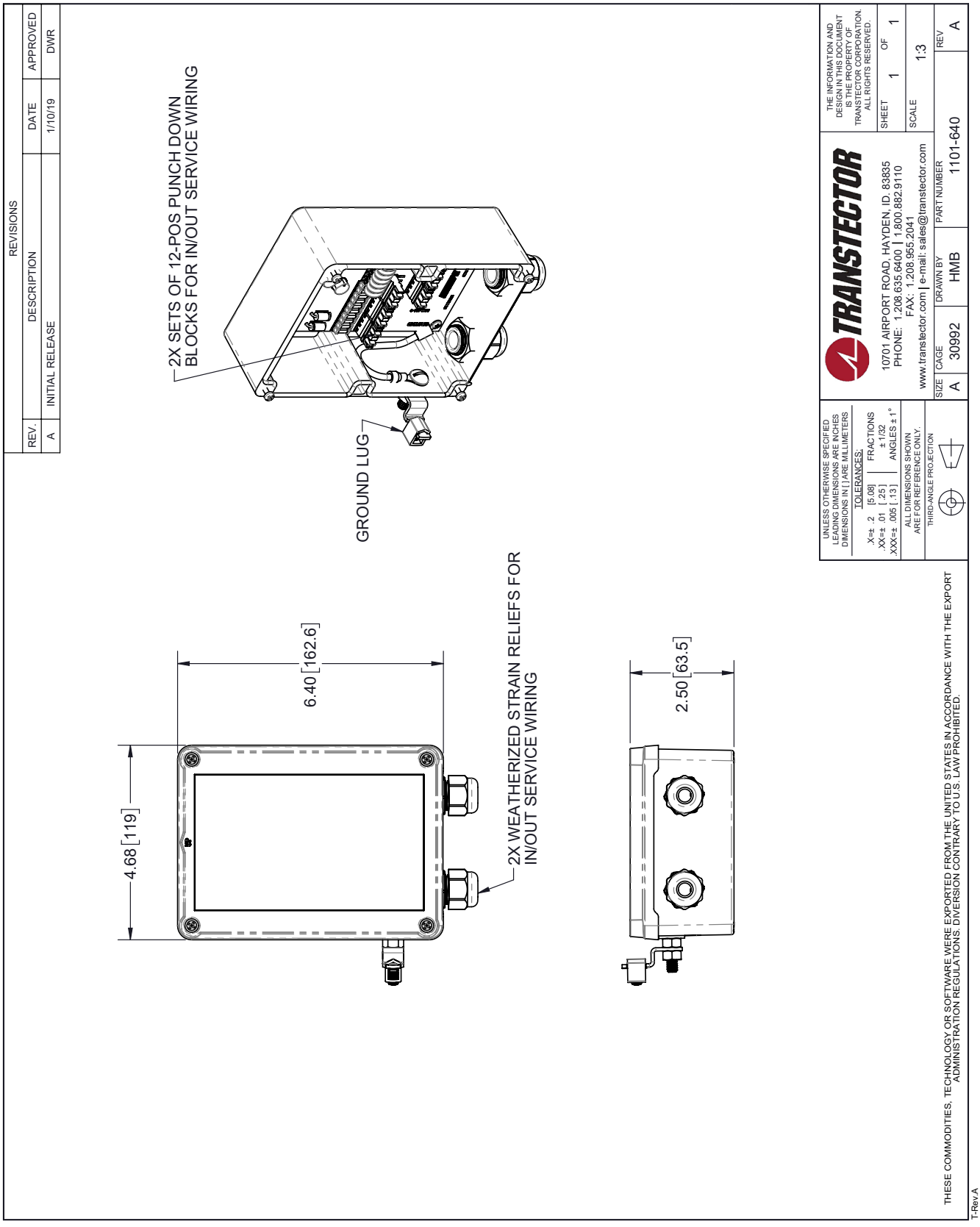

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