TRANSTECTOR™
an INFINITE brand

Data Surge Protector SPD CPX Indoor Gigabit Ethernet/PoE+ Shielded RJ45 SASD, MOV, GDT CE Compliant, UL 497B



1000-1117
CPX GbE/PoE Module

Features
- EN/IEC 60950-1, Class I/Div II, ATEX
- UL 497B
- Purpose Designed Modules for all Common Data Protocols
- RJ-45 Connectivity
- Mount into CPX Chassis 16-Port 1101-972 or 4-Port 1101-1137

Applications
- Gigabit 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) 1000-1117 from Transtector is an indoor style SPD that utilizes state of the art SASD/MOV/GDT technology to protect critical equipment in Gigabit 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		Shielded RJ45		
Compatible Cables		Cat5/5e UTP/STP, Cat6/6A STP		
Data Protocols		Gigabit Ethernet/PoE+		
Data Rate			1,000	Mb/s
Characteristic Impedance			100	Ohms
Power over Ethernet Protocols		PoE		
Vdc Rating (Data)		60	70	Vdc
PoE Power			56	W
PoE Current Per Pin			800	mA

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 CPX Indoor Gigabit Ethernet/PoE+ Shielded RJ45 SASD, MOV, GDT CE Compliant, UL 497B 1000-1117

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV, GDT		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G		
10/1000µs Surge Current				
L-G			100	A
8/20µs Surge Current				
L-G			10	kA
Vpl 10/1000µs				
L-G		160 @ 100A		Vpk
Response Time			5	ns

Mechanical Specifications

Size

Height	0.99 in	[25.15 mm]
Width	1.63 in	[41.4 mm]
Depth	2.48 in	[62.99 mm]
Weight	1 lbs	[453.59 g]

Environmental Specifications

Operating Temperature	-40 to +65 deg C
Storage Temperature	-40 to +65 deg C
Mount Type	Protection Module Bay
Installation Hardware	4-20 x 3/8” Plastite Screws

Compliance Certifications

RoHS Compliant	Yes
CE Compliant	Yes
UL Compliant	Yes

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Hazardous Locations	Yes
Certifications	UL 497B ETL 60950-1 Haz Loc Class 1 Division 2 Groups A,B,C,D T6 Class 1 Zone 2 AEx nA nC IIC T6 Gc Class 1 Zone 2 nA nC IIC T6 Gc

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.

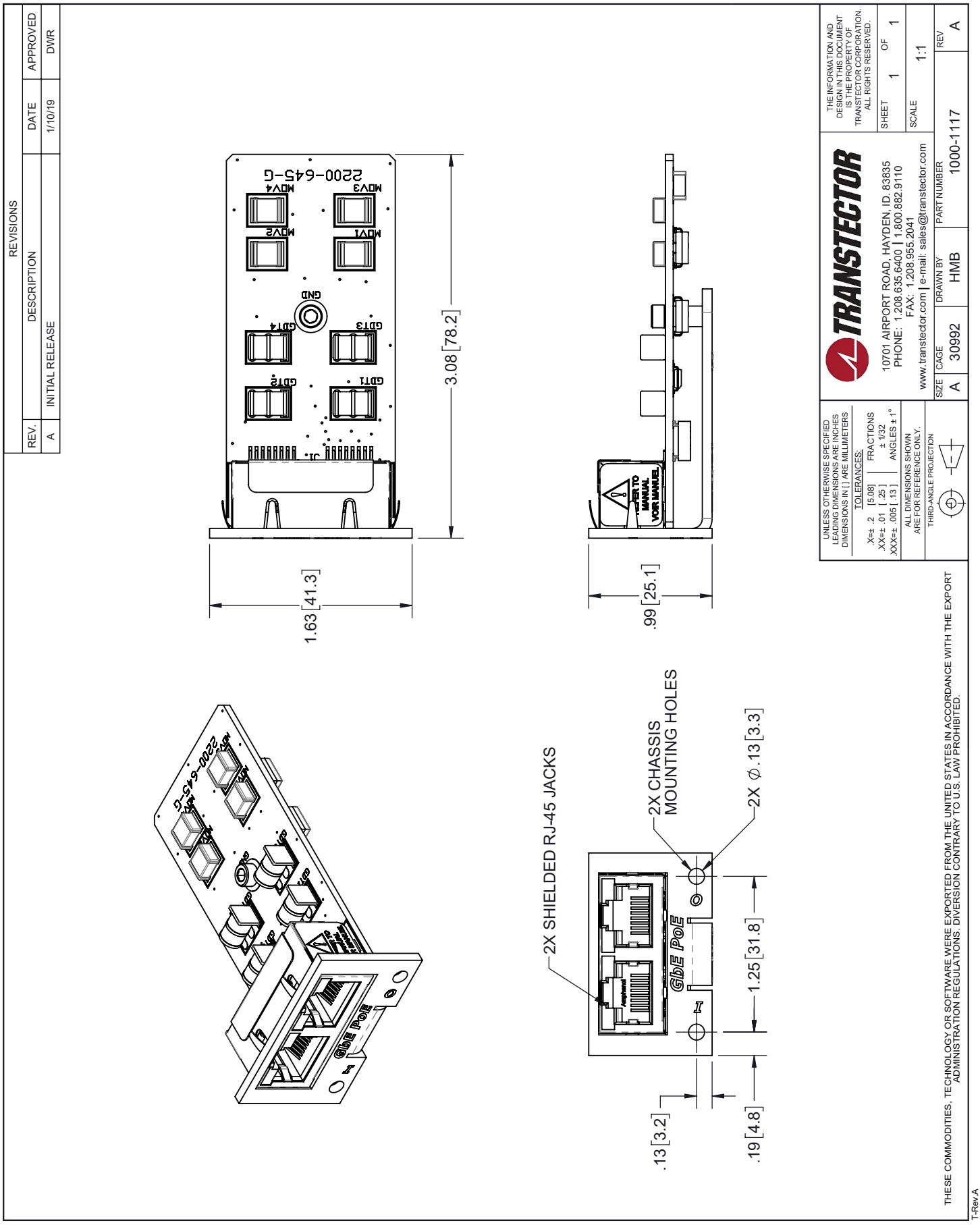
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URL: https://www.transtector.com/data-surge-protector-spd-cpx-indoor-gigabit-1000-1117-p.aspx

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1000-1117 CAD Drawing



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