TRANSTECTOR™
an INFINITE brand

Data Surge Protector SPD CPX Indoor Gigabit Ethernet
RJ45 GDT, TBU CE Compliant, UL 497A



1000-1270
CPX GbE Module

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

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) 1000-1270 from Transtector is an indoor style SPD that utilizes state of the art TBU/GDT 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		RJ45		
Compatible Cables		Cat5/5e UTP		
Data Protocols		Gigabit Ethernet		
Data Rate			1,000	Mb/s
Series Impedance (Data)			9	Ohms
Capacitance (Common)			3	pF
Vdc Rating (Data)		3.3	11	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		GDT, TBU		

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 RJ45 GDT, TBU CE Compliant, UL 497A 1000-1270

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Protected Pins	[1,2], [3,6], [4,5], [7,8]		
Protection Modes	L-G, L-L		
10/1000µs Surge Current			
L-G		100	A
8/20µs Surge Current			
L-G		20	kA
Response Time		75	ns

Mechanical Specifications

Size

Height	0.99 in	[25.15 mm]
Width	1.63 in	[41.4 mm]
Depth	3.08 in	[78.23 mm]
Weight	0.1 lbs	[45.36 g]

Environmental Specifications

Operating Temperature	-40 to +75 deg C
Storage Temperature	-40 to +75 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
Certifications	UL 497A EN/IEC 60950-1 Class 1 Division 2 Groups A,B,C,D T6 Class 1 Zone 2 AEx nA nC IIC T6 Gc Class 1 Zone 2 Ex nA nC IIC T6 Gc ATEX ITS14ATEX48147X

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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.

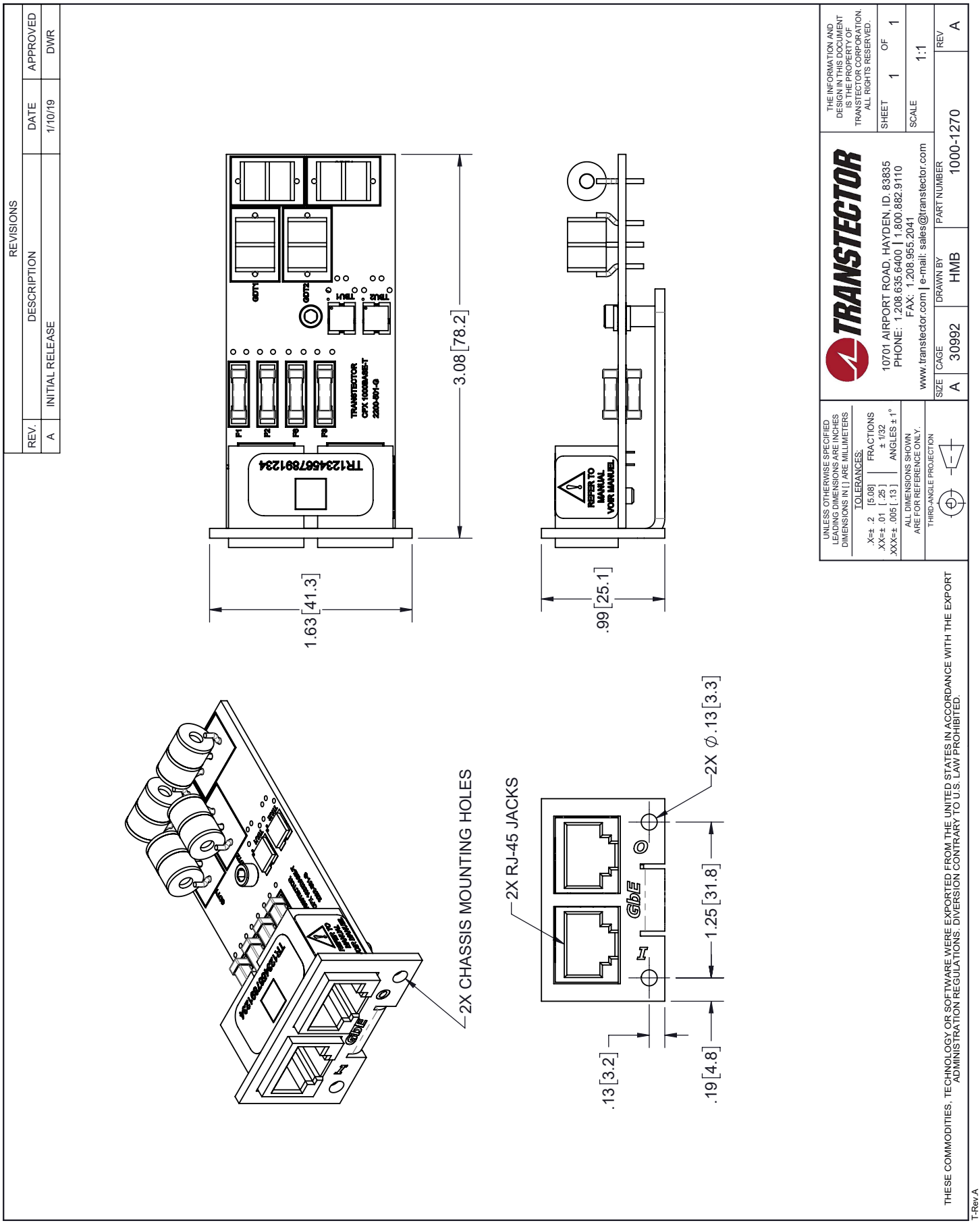
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URL: https://www.transtector.com/data-surge-protector-spd-cpx-indoor-gigabit-1000-1270-p.aspx

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1000-1270 CAD Drawing



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