TRANSTECTOR™
an INFINITE brand

DC Surge Protector SPD CPX Indoor Module 48 Vdc, Full-Mode, 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused



1000-1405
CPX DC Defender 48V 5kA Module

Features
- EN/IEC 60950-1, Class I/Div II, ATEX
- 100% SASD Protection
- WAGO Cage Clamp Connectors
- Mount into CPX Chassis

Applications
- Industrial Automation
- Controls & Sense Loops
- Telecommunications Base Stations
- IT & Data Centers
- Wastewater Treatment
- Rail
- Oil & Gas
- LED Lighting

Description
DC surge protector (also known as SPD or lightning protector) 1000-1405 from Transtector is an EN/IEC 60950-1, Class I/Div II, ATEX module style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 48 Vdc electrical service. 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 safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector DC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		48		Vdc
Current Rating			15	A
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			65	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		DC+ to DC-, DC+ to GND, DC- to GND		
Response Time			5	ns
8/20µs Surge Current			5	kA
VPL 8/20µs L-G			97 @ 500A	Vpk

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
DC Surge Protector SPD CPX Indoor Module 48 Vdc, Full-Mode, 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused 1000-1405

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Mechanical Specifications

Size		
Height	1.99 in	[50.55 mm]
Width	1.63 in	[41.4 mm]
Depth	3.08 in	[78.23 mm]
Weight	1 lbs	[453.59 g]
Housing Material and Plating	Steel	

Environmental Specifications

Temperature	
Operating Range	-40 to +65 deg C
Storage Range	-40 to +65 deg C
Humidity	<95% non-condensing

Installation

Mount Type	CPX Module
Service Wiring Terminal	
Spring Cage Clamp	#24 to #8 AWG

Compliance Certifications

RoHS Compliant	Yes
CE Compliant	Yes
UL Compliant	Yes
ANSI Compliant	Yes
Hazardous Locations	Yes
Certifications	CSA UL 497B IEC 60950 ETL 60950-1 Class 1 Div 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

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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.

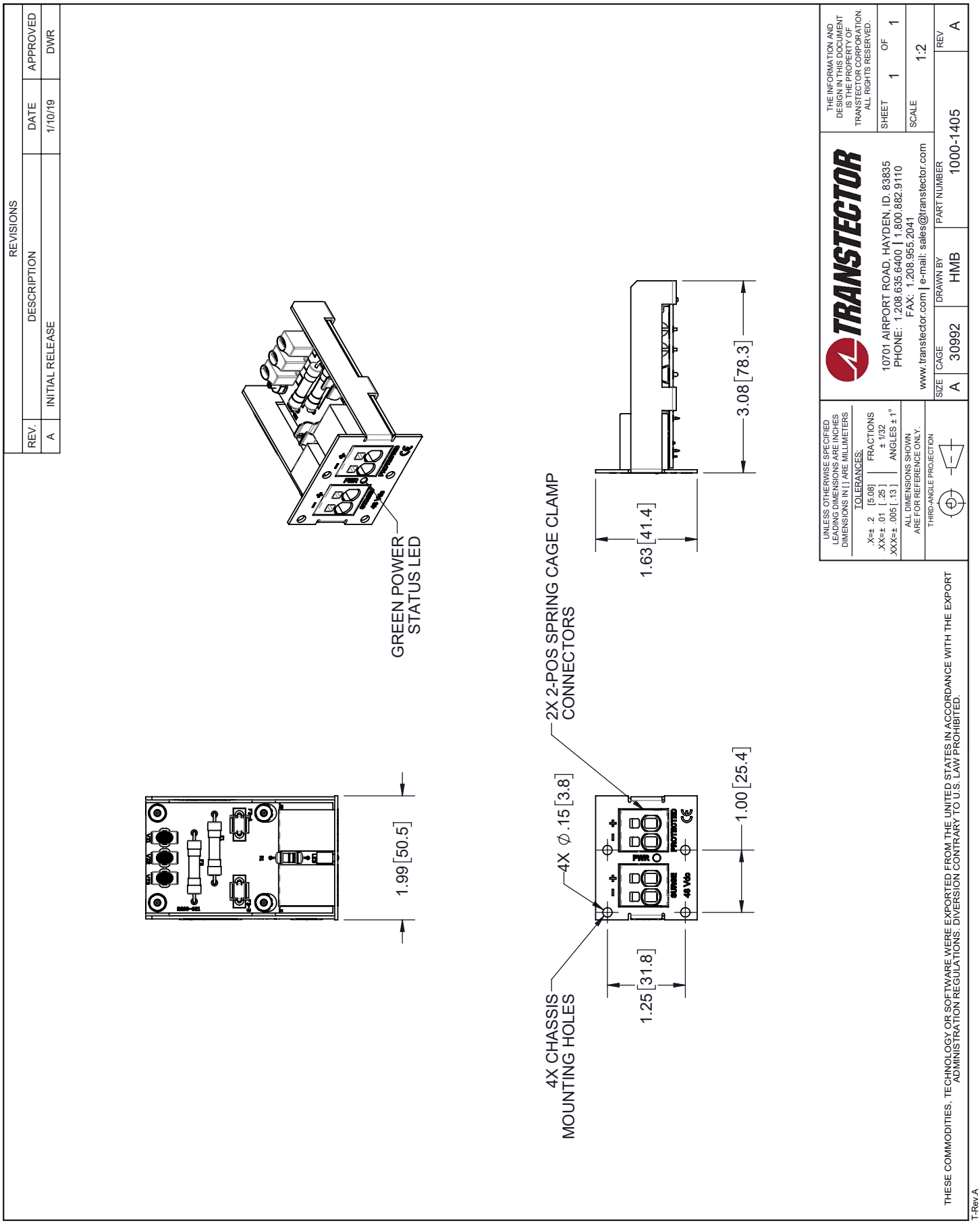
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URL: https://www.transtector.com/dc-surge-protector-spd-cpx-indoor-module-1000-1405-p.aspx

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1000-1405 CAD Drawing



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