

AC Surge Protector SPD E3PA Module 120 Vac Single-Phase SASD 50 kA HEMP Tested

HT-AI-E3PA-120S E3PA HT 120S



Features

- Extremely High Capacity 100% SASD Protection
- Tested for HEMP, SREMP and Lightning
- Overcurrent Fuse with Test Points (Live Power!)
- Wired Lead Connectivity
- Wall Mount

Applications

- Government Facilities
- Military Installations and Mobile Equipment
- Telecommunications base stations
- Backup Power Systems
- Emergency Management Systems
- First Responder Sites
- IT & data centers
- Banking & Finance
- SCADA Systems
- LMR

Description

EMP protector (also known as HEMP/NEMP protector) HT-AI-E3PA-120S from Transtector is a specially designed high-performance surge protector that has been tested to the most extreme early time and intermediate time High Altitude Electromagnetic Pulse environment from MIL-STD-188-125. This EMP protector utilizes state of the art SASD technology and enhanced electrical shielding features to protect critical equipment against this potentially devastating threat. All Transtector HEMP Tested EMP surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		120		Vac
Service Type		Single-Phase		
Maximum Continuous Operating Voltage (MCOV)				
L - N			150	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N/G		
8/20µs Surge Current			50	kA
20/500ns HEMP E1 Surge Current		5		kA
1.5/3-5000µs E2 Surge Current		250		A

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[AC Surge Protector SPD E3PA Module 120 Vac Single-Phase SASD 50 kA HEMP Tested HT-AI-E3PA-120S](#)

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Nominal Discharge Current Rating (In)	35	kA
Vpl 8/20µs L-N	620 @ 35kA	Vpk
Response Time	5	ns

Mechanical Specifications

Size

Height	4.24 in	[107.7 mm]
Width	7 in	[177.8 mm]
Depth	3.04 in	[77.22 mm]
Weight	4 lbs	[1.81 kg]
Housing Material and Plating	Aluminum	

Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Humidity	95% non-condensing

Compliance Certifications

Certifications	HEMP Tested per MIL-STD-188-125 HEMP Protection Levels 1,2,3
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Military Grade Yes

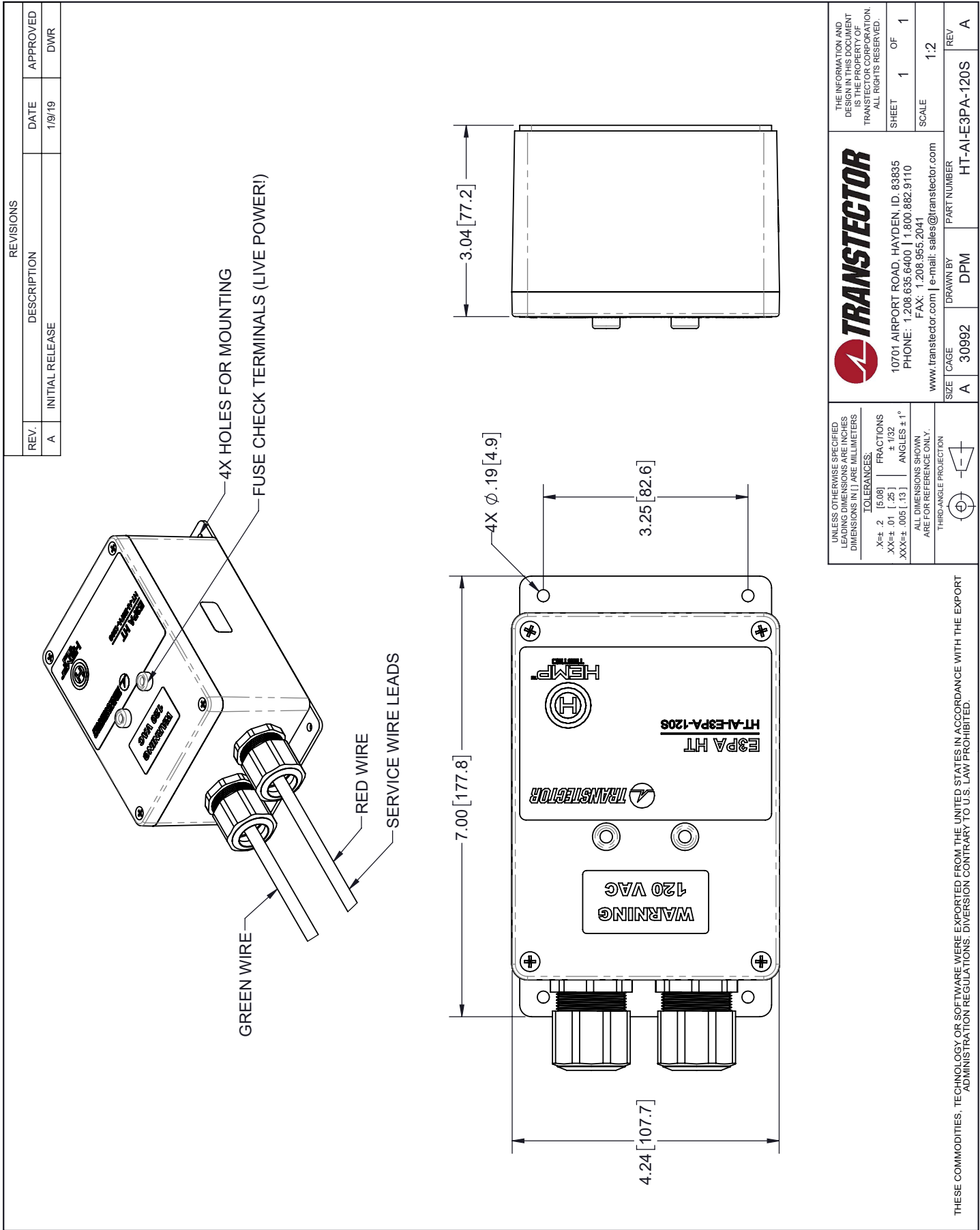
Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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URL: <https://www.transtector.com/ac-surge-protector-spd-e3pa-module-120-ht-ai-e3pa-120s-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

HT-AI-E3PA-120S CAD Drawing



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