

AC Surge Protector SPD APEX IMAX Panel 120/208 Vac 3-Phase
Wye SASD, MOV 160 kA, UL 1449 4th Ed. Type 2 HEMP Tested

HT-AO-IMAX-120Y APEX IMAX HT 120Y



Features

- SASD/MOV Hybrid
- Tested for HEMP and Lightning
- Dual-Mode DC Protection
- 80dB Shielding Effectiveness
- Compression Lug Wiring
- 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-AO-IMAX-120Y 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/MOV 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		120/208		Vac
Service Type		3-Phase Wye		
Maximum Continuous Operating Voltage (MCOV)				
L - L			276	Vac
L - N			138	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV		
Protection Modes		L-N, L-L		
8/20 μ s Surge Current			160	kA
10/1000 μ s Surge Current			1.5	kA

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 APEX IMAX Panel 120/208 Vac 3-Phase Wye SASD, MOV 160 kA, UL 1449 4th Ed. Type 2 HEMP Tested HT-AO-IMAX-120Y](#)

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20/500ns HEMP E1 Surge Current	5	kA
1.5/3-5000 μ s E2 Surge Current	250	A
Nominal Discharge Current Rating (In)	20	kA
VPR 8/20 μ s		
L - L	1,000	Vpk
L - N	700	Vpk
Response Time		
Shielding Effectiveness	80	dB
SCCR (Short Circuit Current Rating)	65	kAIC

Mechanical Specifications

Size		
Height	12 in	[304.8 mm]
Width	10 in	[254 mm]
Depth	8 in	[203.2 mm]
Weight	24 lbs	[10.89 kg]
Housing Material and Plating	17 GA Plated Steel, Powder Coat	

Environmental Specifications

Temperature Range (Operational)	-40 to +75 deg C
Environmental Protection Rating	UL50 Type 4
Humidity	100% non-condensing

Installation

Mount Type	Panel
Service Wiring Terminal	
Terminals	#4 to #10 AWG
Status Indication Terminal	
3-Pin Connector	#14 to #22 AWG

Compliance Certifications

UL Compliant Certifications	Yes UL 1449 4th Ed. HEMP Tested per MIL-STD-188-125 HEMP Protection Levels 1,2,3
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HT-AO-IMAX-120Y
APEX IMAX HT 120Y



Military Grade Yes

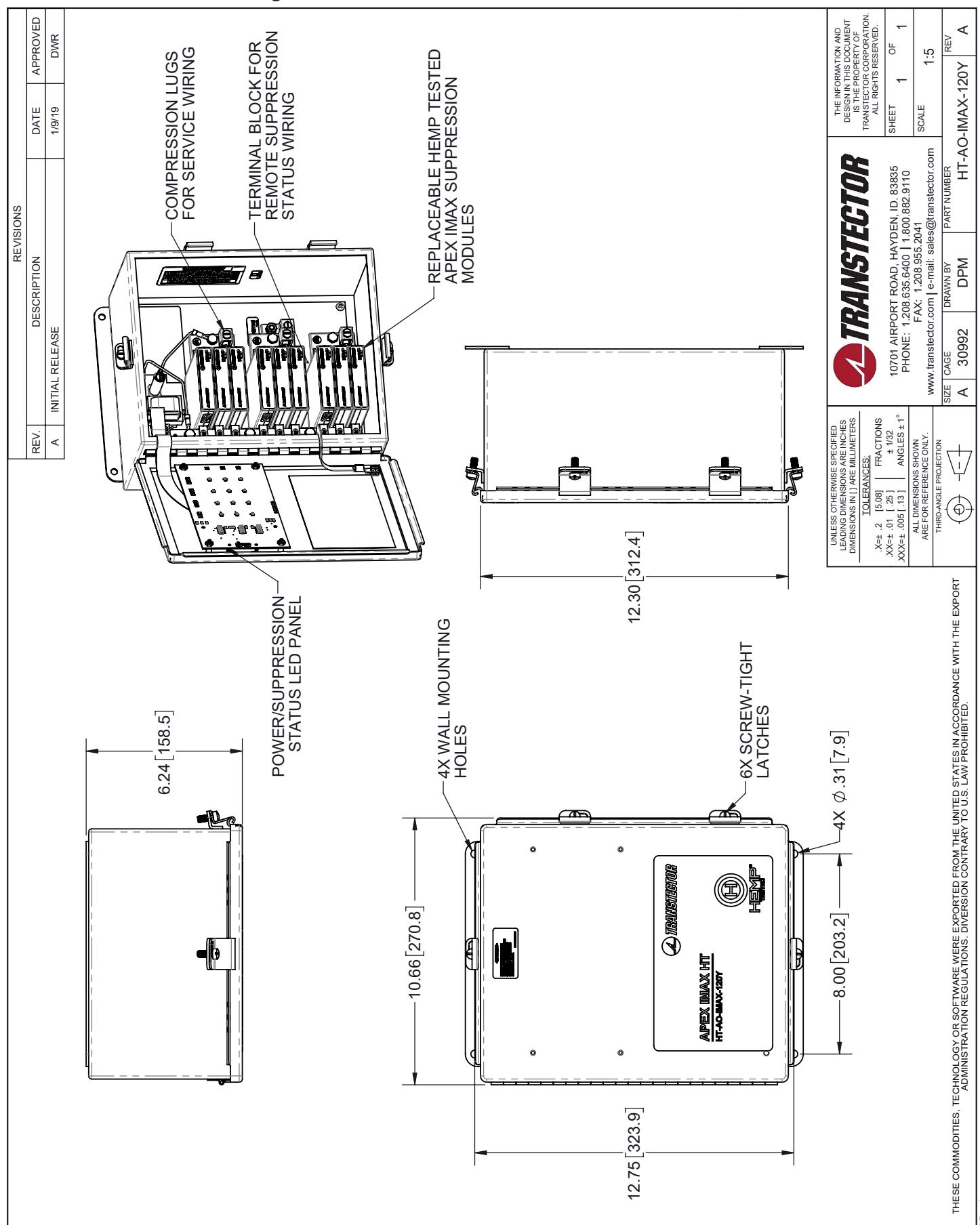
Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated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

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HT-AO-IMAX-120Y CAD Drawing



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