TRANSTECTOR
an INFINITE brand

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



1101-809-M-1
APEX IMAX 120W (METAL)

Features
- UL1449 4th Ed.
- SASD/MOV Hybrid Protection
- Power and Suppression Status LEDs
- Dry Contact Remote Annunciation Wire Leads
- Replaceable Suppression Modules
- NEMA 4 Enclosure

Applications
- Electrical Panelboards
- Industrial Automation
- Communications Base Stations
- IT & Data Centers
- Switchgear
- Motor Control Centers
- Automatic Transfer Switches
- Wastewater Treatment
- Oil & Gas
- LED Lighting
- Schools
- Hospitals

Description
AC surge protector (also known as SPD or lightning protector) 1101-809-M-1 from Transtector is a UL1449 4th Ed. panel style SPD that utilizes state of the art SASD/MOV technology to protect critical equipment that operates on a 120/208 Vac 3-Phase Wye 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 AC 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		
8/20µs Surge Current			160	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 Metal Enclosure 1101-809-M-1

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10/1000µs Surge Current		1.5	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20µs			
L - L		1,000	Vpk
L - N		700	Vpk
Response Time		5	ns
SCCR (Short Circuit Current Rating)	65		kAIC

Mechanical Specifications

Size

Height	13.5 in	[342.9 mm]
Width	11 in	[279.4 mm]
Depth	6.25 in	[158.75 mm]
Weight	24 lbs	[10.89 kg]
Housing Material and Plating	Steel, Grey Powder Coat	

Environmental Specifications

Temperature Range (Operational)	-40 to +75 deg C
Temperature Range (Storage)	-40 to +75 deg C
Environmental Protection Rating	NEMA 4
Humidity	90% 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	Yes
Certifications	UL 1449 4th Ed.

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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.

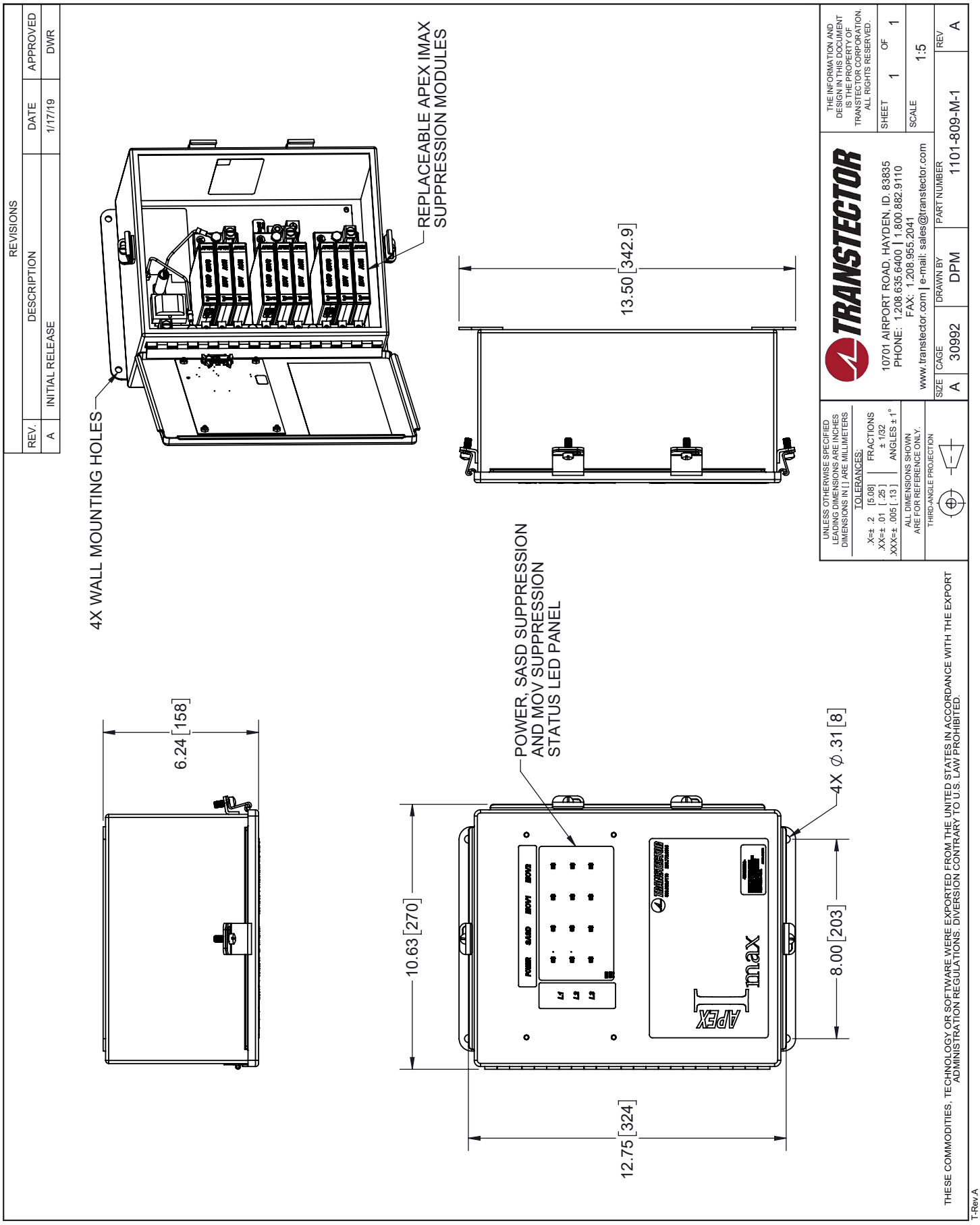
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URL: https://www.transtector.com/ac-surge-protector-spd-apex-imax-panel-1101-809-m-1-p.aspx

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1101-809-M-1 CAD Drawing



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