TRANSTECTOR
an INFINITE brand

AC Surge Protector SPD APEX IMAX Panel 120/240 Vac Split-Phase SASD, MOV 160 kA, UL 1449 4th Ed. Type 2 Metal Enclosure



1101-808-M-1
APEX IMAX 120T (METAL)

Features
- UL1449 4th Ed.
- SASD/MOV Hybrid or MOVUL1449 4th Ed.
- SASD/MOV Hybrid or MOV Only 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) 1101-808-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 120/240 Vac split-phase 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		120/240		Vac
Service Type		Split-Phase		
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		

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 120/240 Vac Split-Phase SASD, MOV 160 kA, UL 1449 4th Ed. Type 2 Metal Enclosure 1101-808-M-1

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8/20µs Surge Current		160	kA
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 +80 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.

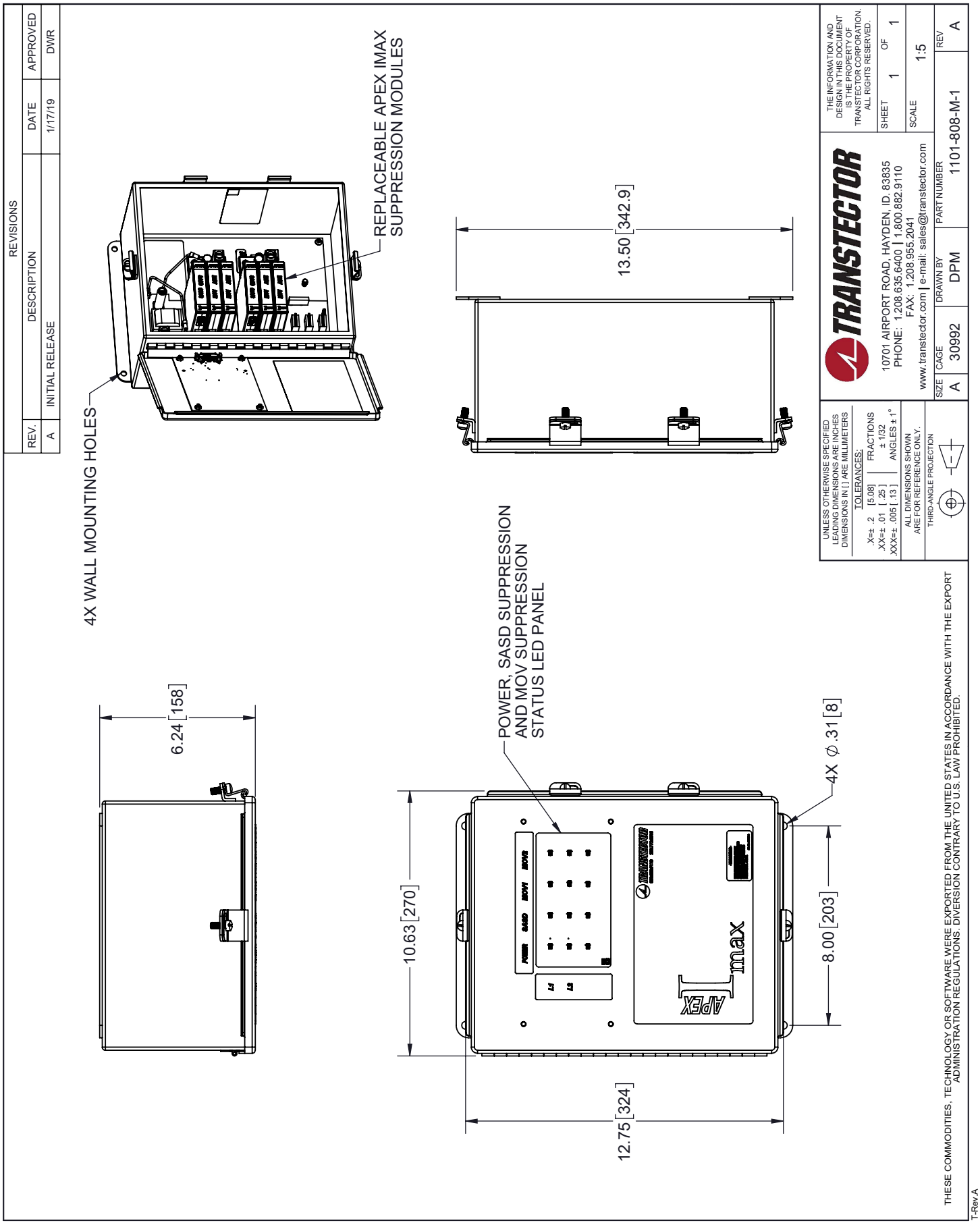
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URL: https://www.transtector.com/ac-surge-protector-spd-apex-imax-panel-1101-808-m-1-p.aspx

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.

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1101-808-M-1 CAD Drawing



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