

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

1101-808-1
APEX IMAX 120T



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) 1101-808-1 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		
Frequency	50		60	Hz
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 1101-808-1](#)

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8/20 μ s Surge Current		160	kA
10/1000 μ s Surge Current		1.5	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20 μ s			
L - L		1,000	Vpk
L - N		700	Vpk
Response Time		5	ns
SCCR (Short Circuit Current Rating)	65		kAIC

Mechanical Specifications

Size

Height	12.5 in	[317.5 mm]
Width	10.5 in	[266.7 mm]
Depth	6.5 in	[165.1 mm]
Weight	14 lbs	[6.35 kg]
Housing Material and Plating	Fiberglass	

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 #1/0 AWG
Status Indication Terminal	3-Pin Connector #14 to #22 AWG

Compliance Certifications

UL Compliant Certifications	Yes UL 1449 4th Ed. NOM
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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.

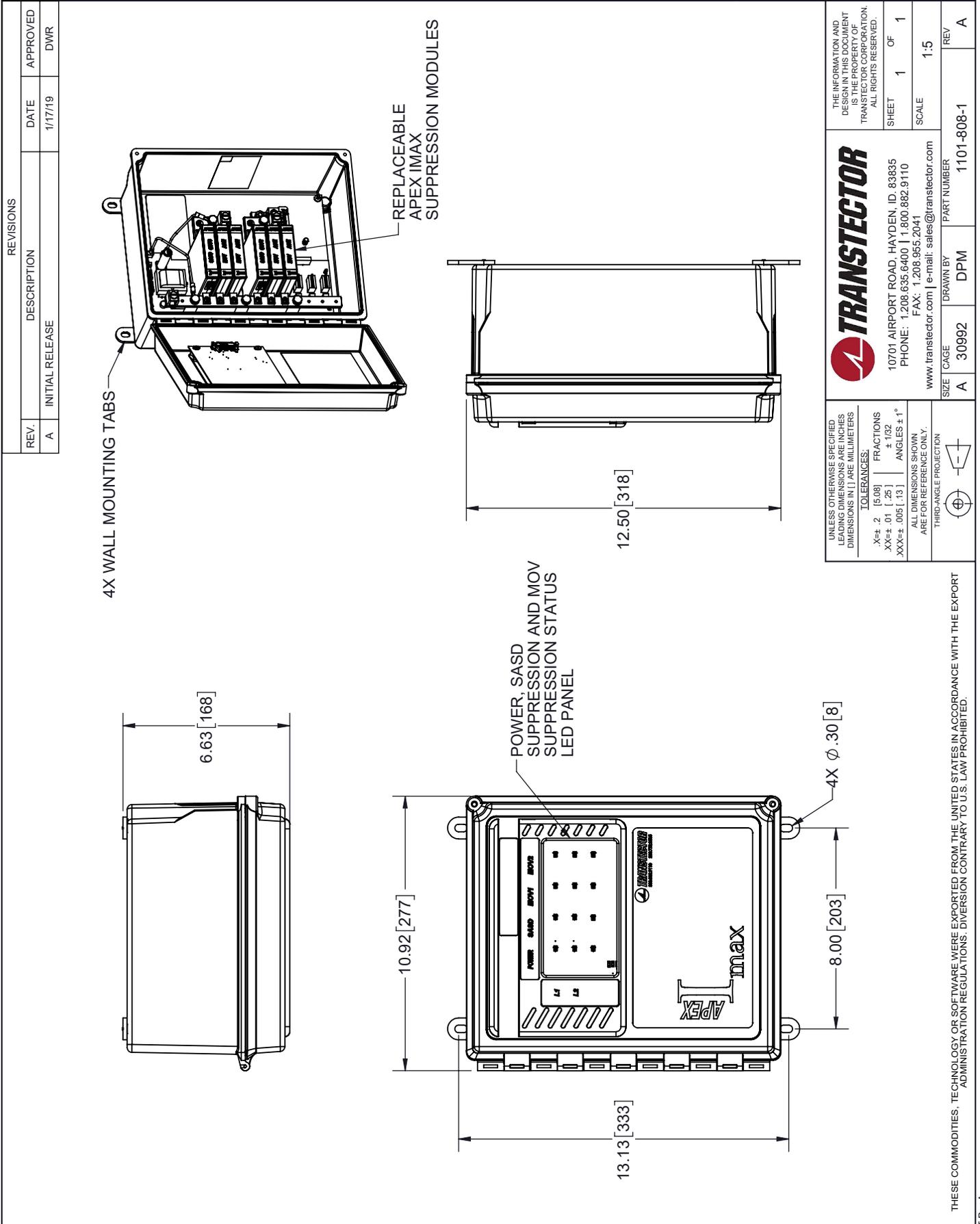
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1101-808-1 CAD Drawing



REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/17/19
		APPROVED
		DWR

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X±.2 [5.08] FRACTIONS ±.162
 XX±.01 [.25] ANGLES ±1°
 XXX±.005 [.13]

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
 THIRD-ANGLE PROJECTION

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SHEET 1 OF 1
 SCALE 1:5

SIZE A CAGE 30992 DRAWN BY DPM PART NUMBER 1101-808-1 REV A

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