TRANSTECTOR
an INFINITE brand

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



1101-809-MM-1
APEX IMAX 120W MOV ONLY

Features
- UL1449 4th Ed.
- High Capacity MOV 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-MM-1 from Transtector is a UL1449 4th Ed. panel style SPD that utilizes state of the art 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		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 MOV 160 kA, UL 1449 4th Ed. Type 2 1101-809-MM-1

1101-809-MM-1 REV 1.0 | © 2019 Transtector, Inc., All Rights Reserved.

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



1101-809-MM-1
APEX IMAX 120W MOV ONLY

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		25	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 #10 AWG
Status Indication Terminal	
3-Pin Connector	#14 to #22 AWG

Compliance Certifications

UL Compliant	Yes
Certifications	UL 1449 4th Ed.

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 MOV 160 kA, UL 1449 4th Ed. Type 2 1101-809-MM-1

1101-809-MM-1 REV 1.0 | © 2019 Transtector, Inc., All Rights Reserved.

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



1101-809-MM-1

APEX IMAX 120W MOV ONLY

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.

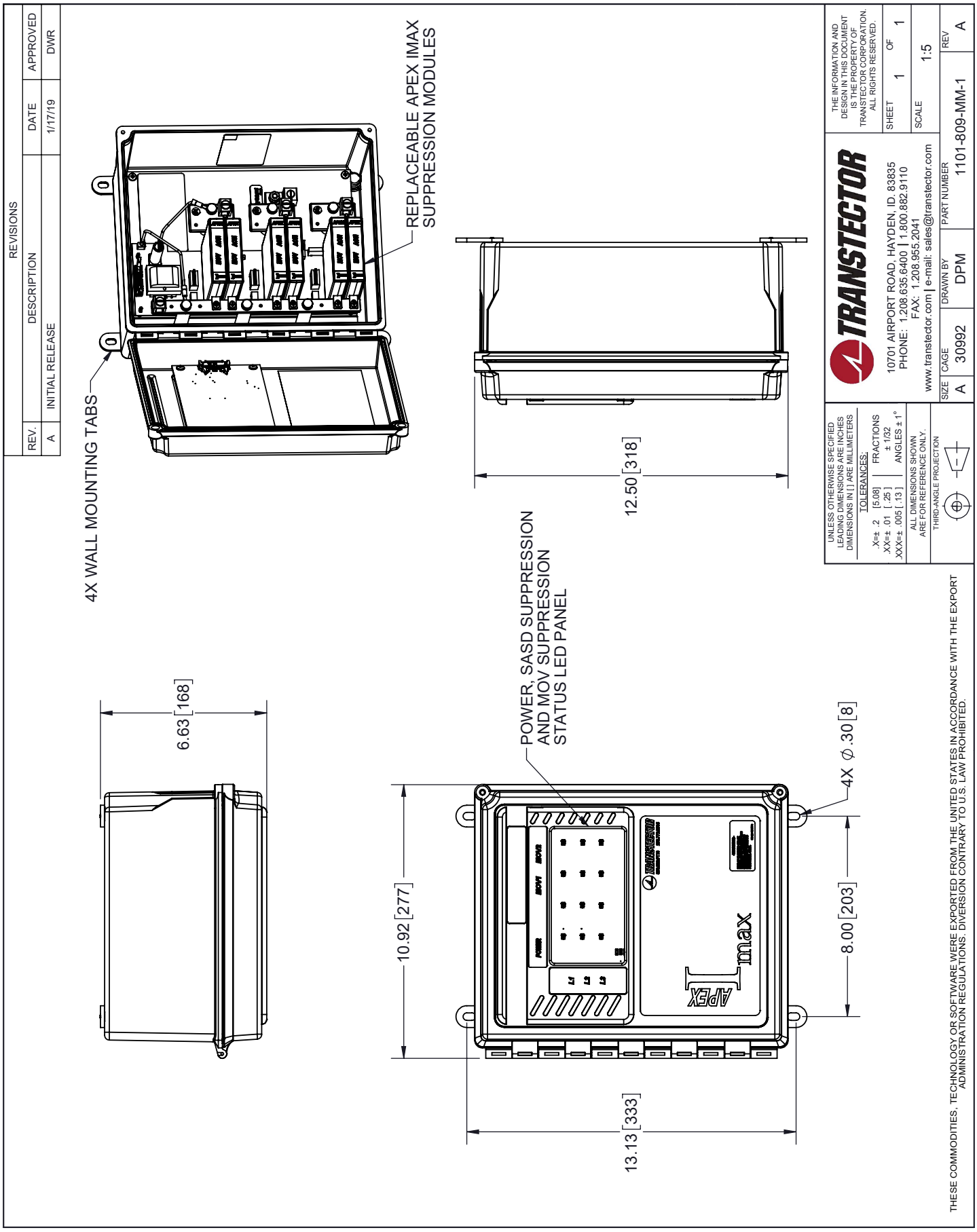
Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: AC Surge Protector SPD APEX IMAX Panel 120/208 Vac 3-Phase Wye MOV 160 kA, UL 1449 4th Ed. Type 2 1101-809-MM-1

URL: https://www.transtector.com/ac-surge-protector-spd-apex-imax-panel-1101-809-mm-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.

1101-809-MM-1 REV 1.0 | © 2019 Transtector, Inc., All Rights Reserved.

1101-809-MM-1 CAD Drawing



1101-809-MM-1 REV 1.0 | © 2019 Transtector, Inc., All Rights Reserved.