TRANSTECTOR™
an INFINITE brand

AC Surge Protector SPD POWER VANTAGE Panel 277/480 Vac 3-Phase Wye MOV 200 kA, UL 1449 4th Ed. Type 1 or Type 2 with Disconnect Switch



B94-00-2741
LEA PV 200 277/480-3Y-1-D

Features

- UL1449 4th Ed. Type 1/Type 2
- High Capacity MOV Protection
- Suppression Status LEDs
- Surge Counter
- Audible Alarm
- Dry Contact Remote Annunciation Wire Leads
- Integral Disconnect Switch

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) B94-00-2741 from Transtector is a UL1449 4th Ed. Type 1/Type 2 panel style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 277/480 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		277/480		Vac
Service Type		3-Phase Wye		
Frequency	50		60	Hz
Maximum Continuous Operating Voltage (MCOV)				
L - L			552	Vac
L - N			318	Vac
L - G			318	Vac
N - G			318	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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Surge Protection Technology	MOV		
Protection Modes	L-N, L-L, L-G, N-G		
8/20µs Surge Current		200	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20µs			
L - L		2,500	Vpk
L - N		1,500	Vpk
L - G		1,500	Vpk
N - G		1,500	Vpk
Response Time		25	ns
SCCR (Short Circuit Current Rating)	100		kAIC

Mechanical Specifications

Size

Height	24 in	[609.6 mm]
Width	16 in	[406.4 mm]
Depth	8.9 in	[226.06 mm]
Weight	60 lbs	[27.22 kg]

Environmental Specifications

Temperature Range (Operational)	-40 to +65 deg C
Environmental Protection Rating	NEMA 3R
Humidity	95% non-condensing

Installation

Mount Type	Panel	
Service Wiring Terminal	Compression Lug	#14 to #10 AWG

Compliance Certifications

UL Compliant	Yes
Certifications	UL 1449 4th Ed. Type 1 or Type 2 IEEE Category C High and B Medium

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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.

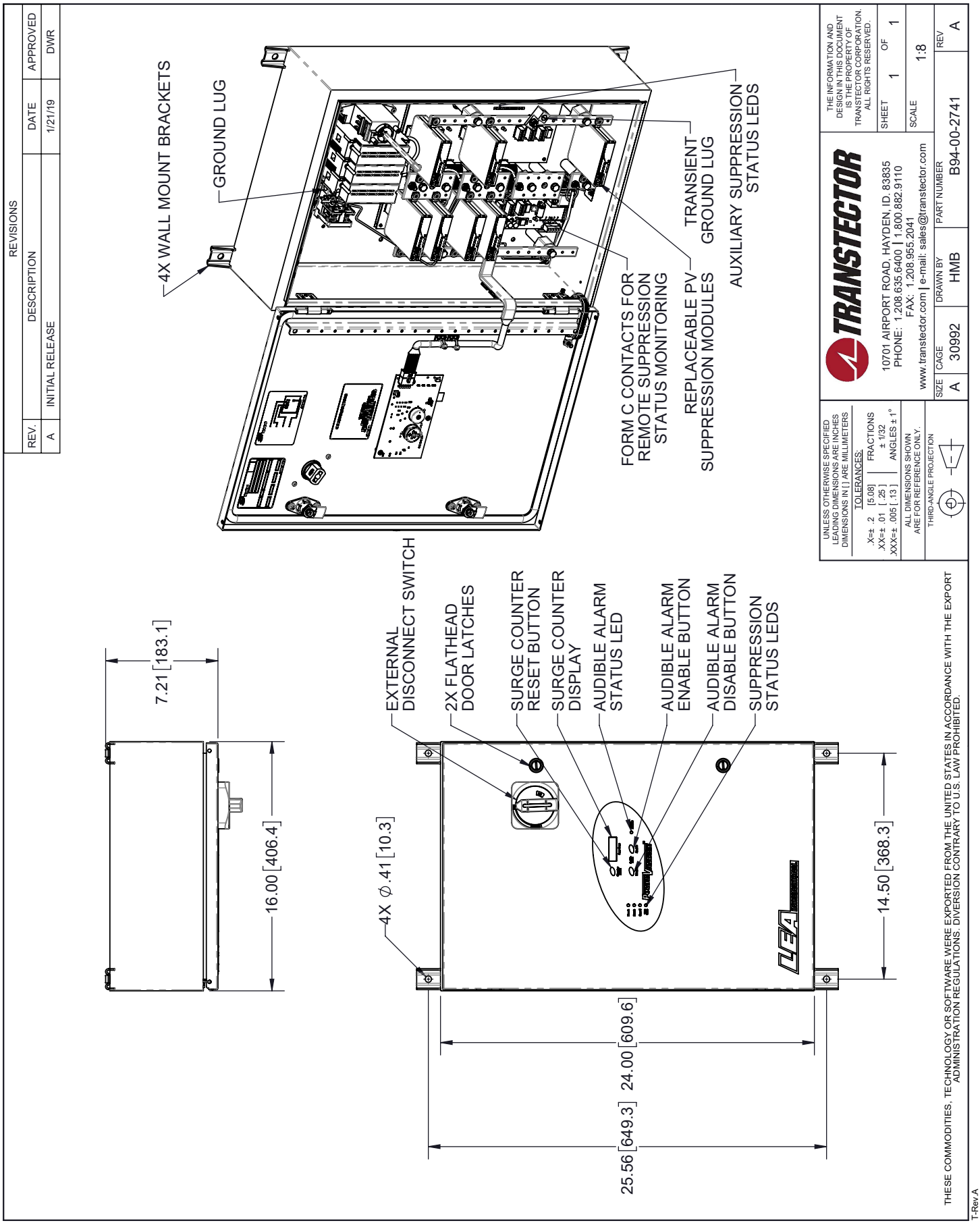
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URL: https://www.transtector.com/ac-surge-protector-spd-power-vantage-panel-b94-00-2741-p.aspx

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B94-00-2741 CAD Drawing



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