TRANSTECTOR
an INFINITE brand

AC Surge Protector SPD LS PLUS Panel 277/480 Vac 3-Phase Wye MOV 100 kA, UL 1449 4th Ed.



B39-00-1005
LEA LS PLUS 100 277/480-3Y

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

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) B39-00-1005 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 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		
Maximum Continuous Operating Voltage (MCOV)				
L - L			552	Vac
L - N			319	Vac
L - G			319	Vac
N - G			319	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		MOV		

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 LS PLUS Panel 277/480 Vac 3-Phase Wye MOV 100 kA, UL 1449 4th Ed. B39-00-1005

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Protection Modes	L-L, L-N, L-G, N-G		
8/20µs Surge Current		100	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20µs			
L - L		2,000	Vpk
L - N		1,200	Vpk
L - G		1,200	Vpk
N - G		1,200	Vpk
Response Time		25	ns
SCCR (Short Circuit Current Rating)	100		kAIC

Mechanical Specifications

Size

Height	14 in	[355.6 mm]
Width	12 in	[304.8 mm]
Depth	6 in	[152.4 mm]
Weight	24 lbs	[10.89 kg]
Housing Material and Plating	Steel	

Environmental Specifications

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

Installation

Mount Type	Panel

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.

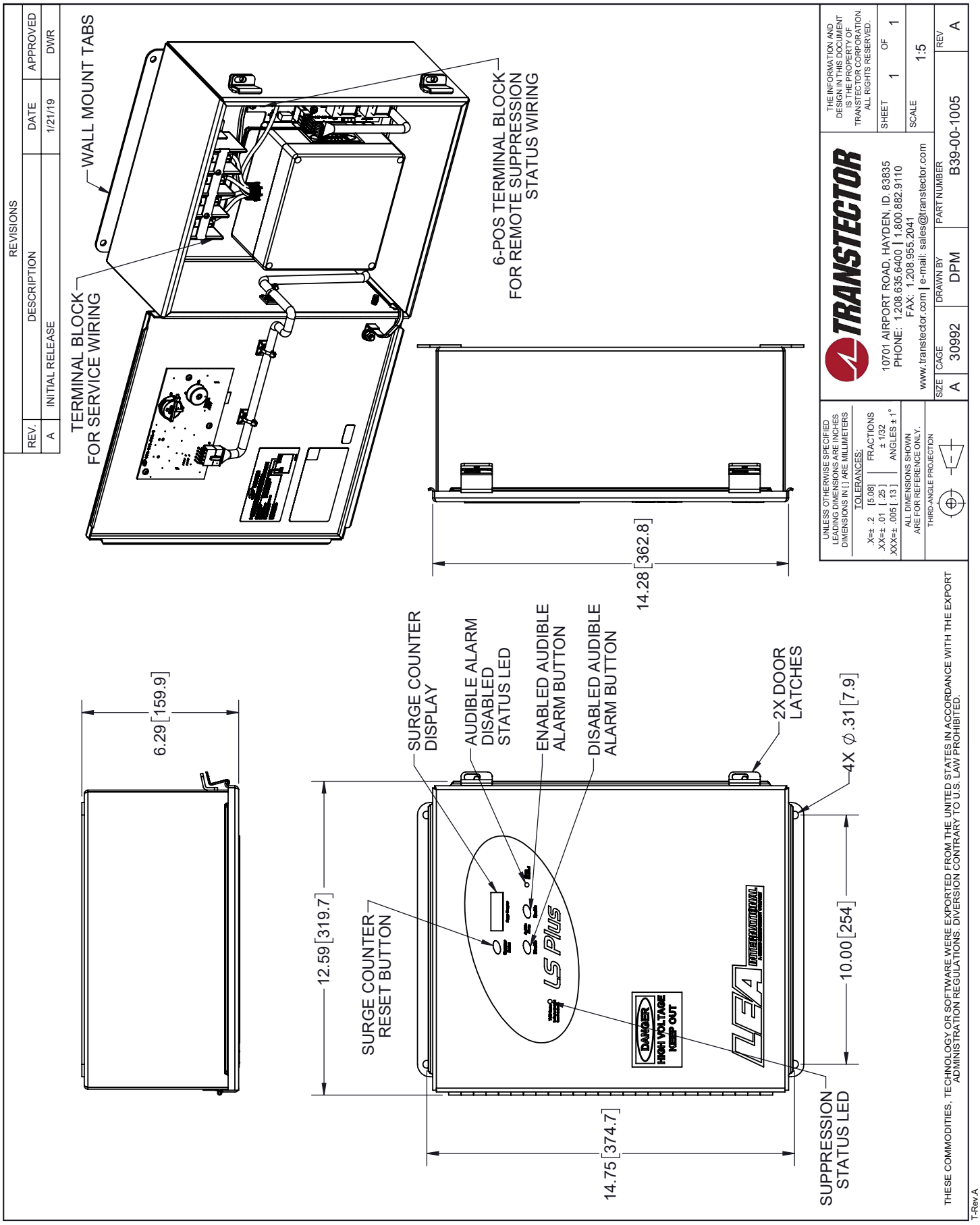
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URL: https://www.transtector.com/ac-surge-protector-spd-ls-plus-panel-b39-00-1005-p.aspx

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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B39-00-1005 CAD Drawing



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