

AC Surge Protector SPD LS PLUS Panel 120/240 Vac Split-Phase MOV 100 kA, UL 1449 4th Ed. Type 1 or Type 2 with Disconnect Switch

B39-00-1002

LEA LS PLUS 100 120/240-SP-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) B39-00-1002 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 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
L - G			138	Vac
N - G			138	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
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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 120/240 Vac Split-Phase MOV 100 kA, UL 1449 4th Ed. Type 1 or Type 2 with Disconnect Switch B39-00-1002](#)

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Surge Protection Technology	MOV		
Protection Modes	L-N, L-G, L-L, N-G		
8/20µs Surge Current		100	kA
Nominal Discharge Current Rating (In)	20		kA
VPR 8/20µs			
L - L		1,200	Vpk
L - N		800	Vpk
L - G		900	Vpk
N - G		900	Vpk
Response Time		25	ns
SCCR (Short Circuit Current Rating)	100		kAIC

Mechanical Specifications

Size

Height	20 in	[508 mm]
Width	16 in	[406.4 mm]
Depth	7 in	[177.8 mm]
Weight	32 lbs	[14.51 kg]

Environmental Specifications

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

Installation

Service Wiring Terminal	
Compression Lug	#8 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-ls-plus-panel-b39-00-1002-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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B39-00-1002 CAD Drawing

