

AC Surge Protector SPD LS PLUS Panel 277/480 Vac 3-Phase Wye MOV 100 kA, UL 1449 5th Ed. with Disconnect



B39-00-1006

LEA LS PLUS 100 277/480-3Y-D

Features

- UL1449 5th 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) B39-00-1006 from Transtector is a UL1449 5th 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 | | |
| Frequency | 50 | | 60 | Hz |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| L - L | | | 552 | Vac |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| L - N | | | 319 | Vac |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| L - G | | | 319 | Vac |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| N - G | | | 319 | Vac |

Surge Protection Specification

| Description | Minimum | Typical | Maximum | Units |
|-----------------------------|---------|--------------------|---------|-------|
| Surge Protection Technology | | MOV | | |
| Protection Modes | | L-L, L-N, L-G, N-G | | |
| 8/20 μ s Surge Current | | | 100 | kA |

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Surge Protection Specification

| Description | Minimum | Typical | Maximum | Units |
|---------------------------------------|---------|---------|---------|-------|
| Nominal Discharge Current Rating (In) | | 20 | | |
| VPR 8/20μs | | | | |
| L - L | | | 2,000 | Vpk |
| VPR 8/20μs | | | | |
| L - N | | | 1,500 | Vpk |
| VPR 8/20μs | | | | |
| L - G | | | 1,500 | Vpk |
| VPR 8/20μs | | | | |
| N - G | | | 1,500 | 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] |
| 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 5th 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.

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 5th Ed. with Disconnect B39-00-1006](https://www.transtector.com/ac-surge-protector-spd-ls-plus-panel-b39-00-1006-p.aspx)

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B39-00-1006 CAD Drawing
AC Surge Protector SPD LS PLUS Panel 277/480 Vac 3-Phase Wye
MOV 100 kA, UL 1449 5th Ed. with Disconnect

