



POWER SENTINEL SERIES CONNECTED SURGE PROTECTION DEVICE

Features

UL 1449 2nd Edition, UL 1283 and CSA Listed for TVSS

UL 2601-1 Listed for Medical Equipment

UL 1047 Listed for Isolated Power Systems Equipment

Heavy Duty Isolation Transformer

Filters and conditions incoming power

Special taps on primary side allows easy configuration to incoming voltage

Fully Programmable Circuit Breaker

Configurative to specific demands for full compatibility for every application need

Heavy Duty Seismic Rated Enclosure

Provides Additional Safety and Convenience

Equipped with Casters and Transporting Eyelets

Optional Voltage Monitoring

Takes load equipment off-line if phase loss or voltage fluctuation occurs to protect sensitive equipment

High Surge Suppression Capability

With a surge current rating 200kA - able to stop most damaging transients from approaching your equipment

LEA International's Unique Linear MOV Array

Provides best surge suppression in any isolation transformer on the market. Utilizes LEA's Inherently Safe MOV Technology

Digital Surge Counter

Optional event counter available for monitoring incoming transients

Audible Alarm

Optional alarm system to warn you of transient system failure

The **POWER SENTINEL** is a series connected surge suppression device with voltage monitoring capabilities in conjunction with an isolation transformer. The **POWER SENTINEL** provides superior power conditioning as well as protection against damaging transients up to 200kA. The isolation transformer provides a stable 50 Hz - 60Hz output. The optional voltage monitor in the **POWER SENTINEL** detects up to +/- 12% voltage fluctuations for sensitive load equipment. When a voltage fluctuation is detected, the **POWER SENTINEL** will take load equipment off-line preventing any damage. These units are appropriate for use at the service entrance and other mission critical equipment.

Applications

Critical loads requiring the highest level of protection:

- Medical Imaging Equipment
- Broadcast TV/Radio Transmitters
- 24/7 Data Centers
- CNC Operating Equipment
- Critical Manufacturing Processes



SURGE SUPPRESSION SPECIALISTS

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POWER SENTINEL SERIES CONNECTED SURGE PROTECTION DEVICE

Model	Surge Current Capacity Per Phase	Modes of Protection	Surge Current Capacity Per Mode	Category Rating and Exposure Level	Dimensions and Weight
PS-115	200kA	Common: L-G Differential: L-L	L-G: 200kA L-L: 200kA	Category C3 High Exposure	65 X 21.25 X 21.5 (400 LBS)

NOTE: Consult factory for clamping voltage data.

Surge Suppression	Suffix	Available Options	Electrical Specifications*																				
Listing: UL1449 2 nd Edition & UL1283 Rating: 200kA/phase Modes of Protection: L-L, L-G	A B C	Dry Contacts Digital Surge Counter/Dry Contacts Audible Alarm with Silence Switch/ Dry Contacts	<p>Transformer</p> <p>Power: 115 kVA 3Phase shielded Delta isolation Duty: 20 kVA Continuous, 115 kVA Intermittent Nominal Output: 120VAC, 10A Split & tapped input – nominal input voltages:</p> <table style="margin-left: 40px;"> <tr><td>200</td><td>208</td></tr> <tr><td>240/380</td><td>400</td></tr> <tr><td>416/440</td><td>480</td></tr> <tr><td>500</td><td>520</td></tr> </table> <p>Output: 480V Delta</p> <p>Programmable Breaker</p> <p>Number of Poles: 3 Rated Voltage: 600V Rated Current: 400A (100% rated circuit breaker) Interrupting Ratings (kA rms):</p> <table style="margin-left: 40px;"> <tr><td></td><td>N</td><td>H</td><td>L</td></tr> <tr><td>240V</td><td>65</td><td>100</td><td>150</td></tr> <tr><td>480V</td><td>35</td><td>65</td><td>100</td></tr> </table>	200	208	240/380	400	416/440	480	500	520		N	H	L	240V	65	100	150	480V	35	65	100
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*Specifications subject to change without notice



Ordering:

Please specify model number, voltage configuration and option suffix as needed.
(example: PS-115)

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