

### THE ADVANTAGE® SERIES: BRUTE STRENGTH, RFINED PERFORMANCE

Surge Suppression Incorporated® parallel connected surge protective devices have, time after time, provided the brute strength and unsurpassed durability needed to protect mission critical systems during lightning strikes and transients that result from severe power system faults. Designed to safeguard delicate microprocessor based electronics, our surge protective devices allow your critical systems to stay up and running, keeping your company in business while neighboring facilities (often competitors) suffer extensive damage, extended downtime and lost revenue. This is a competitive "Advantage" that is critical to your company's well-being, bottom line and future.



### THE MOST ADVANCED SURGE PROTECTIVE DEVICE AVAILABLE TODAY

The Advantage series of parallel connected surge protective devices represent the latest in surge suppression design and performance. By blending advanced computer circuit modeling with tried-and-true design principals learned over the past twenty-plus years, the Advantage has the lowest let-through voltage, providing the highest possible protection levels. Component-level thermal fusing combined with patented, internal, circuit board mounted over-current fusing and Voltage Responsive and Frequency Responsive Circuitry, gives the Advantage series unmatched performance and safety and makes it the best and most advanced surge protective device available today!

### AVAILABLE IN ALL SINGLE AND THREE PHASE CONFIGURATIONS INCLUDING:

120, 240, 480, 120/240, 120/208, 220/380, 230/400, 240/415, 277/480, 347/600 120NN, 240NN, 480NN, 600NN, 2500NN, 4160NN, 7200NN and more

#### STANDARD FEATURES

- 25 Year Free Replacement Warranty
- ANSI/UL 1449-2006 (Third Edition) Listed
- UL1283 Listed
- ISO 9001: 2008 Manufactured Quality
- Industry Leading Let-through Voltage Performance
- Circuit Encapsulation
- Patented Fusing Methodology
- Voltage Responsive Circuitry
- Discrete "All Mode" Circuitry
- Advanced Internal Diagnostics
- Component Level Thermal Fusing
- Peak Surge Current Levels from 90 kA to 900 kA per phase

#### OPTIONAL FEATURES

- Multi-stage, Hybrid Frequency Responsive Circuitry
- Integral Surge Counter
- Form "C" Dry Relay Contacts
- Internal or Remote Audible Alarm
- Remote Lights
- External Alarm Module
- Integral Disconnect
- External Disconnect
- NEMA 12, 4 and 4X Enclosures
- Application Specific Design Modifications



888.987.8877 | 850.654.5559  
[www.surgesuppression.com](http://www.surgesuppression.com)



# Surge Suppression Incorporated

Manufacturer and Supplier of Quality TVSS Systems

## PRODUCT OVERVIEW

### DEDICATED LOAD MODELS



Today's fast-paced digital world utilizes sophisticated and highly integrated microprocessor based equipment and systems that are increasingly prone to damage from even low-level transient activity. The Dedicated Load Circuit Protection models provide the level of protection needed to assure that these mission critical systems survive and perform as designed.

- Voltage Responsive & Frequency Responsive Circuitry
- Series Connected Dedicated Load Circuit Protection
- Compact Size
- Terminal and Hardwire
- Simple Installation
- Lowest Let-through Voltage Levels

### DATA LINE & CURRENT LOOP



Data communications lines and current loops are the life blood of highly integrated systems and networks, which are susceptible to failure from even low-level transient

activity are often exposed to high-level transients such as lightning. Protecting these circuits is another key element of the Optimal Protection Network®.

- Multi-stage Hybrid Design
- Data Rates to 100 Mbps
- Low Impedance/Insertion Loss
- Terminal, Coax and Hardwire
- Lowest Let-through Voltage Levels
- UL 497B

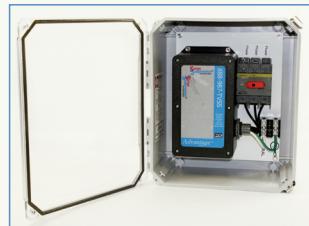
### TELECOMMUNICATIONS



Telecommunication lines are very often the overlooked "back door" for transients to enter your facility. Telecommunication equipment often suffers the highest rate of catastrophic damage of any system within a facility. Protecting incoming telecommunications lines and lines running from one building to another is not only prudent, it is an NEC requirement.

- POTS, ISDN, DSL, T1, T10, Fax and Modem Lines
- Terminal Strip, Modular Jack and Punch-down Block Configurations
- Lowest Let-through Voltage Levels
- UL 497A
- UL 497B

### CUSTOM/SPECIALTY



Our engineering and manufacturing capabilities combined with our experienced staff of professional design and application engineers, affords us the ability to

successfully solve your most difficult surge protection applications. If one of our thousands of standard models will not fit your unique requirements, we will work hand-in-hand with your personnel to make the necessary modifications and design changes to provide you the most optimal protection solution. From a single unit to an entire protection system, no job is too small, too large or too complex.

- Medium Voltage Applications (up to 7200 VAC)
- External Lighting and Audio Controls
- Casino and Gaming Controls
- Amusement Ride Controls
- FAA Required Obstruction Lighting
- Integrated Load Centers
- Din Rail Mount Kits



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