



LIFE RUNS ON ENERGY<sup>SM</sup>



# Surge Protection that fits your business



Whether caused by lightning strikes, internal circuit situations or accidents, power surges can destroy your sensitive equipment – leading to expensive repairs or replacements, frustrating downtime and, even worse, loss of irreplaceable information.

Tampa Electric's Zap Cap Systems® can help protect your valuable business equipment and sensitive electronics by suppressing most high-amplitude transient voltage surges carried by power lines to your main panel. It is designed to reduce unwanted, damaging high-voltage surges and spikes to safe levels.

Our full-service program includes a specially-designed surge suppression system and installation and maintenance for the life of the lease. With Zap Cap Systems, you have a choice of surge protection that meets your unique needs.

## Light-duty commercial (LDC) surge protection device (SPD)

- Designed for single-phase electrical services, limited to a maximum 200 Amp continuous electric load.
- Installs between meter and meter socket in minutes. Servicing and replacement require a brief electrical outage.
- Designed to help protect PCs, mini and mainframe computers and workstations, LANs, WANs and other associated computer equipment.
- 80k Amps per phase peak surge capacity
- UL/CUL listing for secondary surge arrestor

## Main panel surge protection device (SPD)

- Installed in a rugged weather proof enclosure at the main panel of your business, or at the sub-panel.
- Convenient replaceable module with "protection on" LED indicators.
- Expendable modules or damaged units are replaced at no cost to you.
- Designed to protect computers and workstations, programmable machinery and solid state controllers, automated manufacturing systems, electronic equipment and more.
- ETL listed to UL standard 1449, 3rd edition SPD
- Response time: less than 5 nanoseconds



[tampaelectric.com/surgeprotection](http://tampaelectric.com/surgeprotection)  
1-877-SURGE-22

Tampa Electric Company makes no warranties of any kind, express or implied, as to the merchantability, fitness for a particular purpose or intended use, or performance of the Zap Cap Systems® or any of its components. Tampa Electric Company shall not be liable for damage to any connected equipment or any other compensatory, special, incidental or consequential damages



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### Main panel surge protection device SPD

The MST Series is a modular, parallel installed, SPD designed for commercial and industrial applications. Models provide 50 kA of surge energy handling per phase. This rating is 5 times the energy handling of the IEEE's highest Category C location rating of 10kA/20kV.

MST units incorporate a replaceable MT protection module that is completely self-contained. In the unlikely event of a failure, the MT module is replaceable in the field, thereby eliminating the need to remove the entire unit from service. Servicing and replacement may require a brief electrical outage.

All models carry a 100kA rms symmetrical fault current rating making expensive disconnects and costly replacement fuses unnecessary. When replacing a MT module, the entire operating unit including all phases, all modes, the fuses and even the diagnostics is replaced. This eliminates potential weak elements that might have sustained damage or degradation during a fault event.

#### Features and Specs

- Weatherproof enclosure dimensions: 8.5"W x 10.25"H x 6"D
- Solid state, industrial grade 40 mm MOV components
- Protection: L-N and N-G for Wye service; L-G for Delta service
- MCOVs: 150, 180, 320 and 550 volts (depending upon application)

Questions? Call **1-877-SURGE-22** or visit [tampaelectric.com/surgeprotection/business](http://tampaelectric.com/surgeprotection/business)

To schedule your facility analysis, please complete the online form at <https://secure32.tecoenergy.com/tampaelectricsecure/surgeprotection/business/request/> or fax the form below to (813) 228-4140. A representative will contact you in five to seven business days from receipt of your request.

Company name: \_\_\_\_\_

Contact name: \_\_\_\_\_

Street address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone number: (\_\_\_\_) \_\_\_\_\_

Fax number: (\_\_\_\_) \_\_\_\_\_

E-mail address: \_\_\_\_\_

Account number: \_\_\_\_\_

Business type: \_\_\_\_\_



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