



N E X T G E N E R A T I O N S U R G E P R O T E C T I O N

Rayvoss Solutions for Industrial Surge Protection

Rayvoss: Designed to Protect Any Industrial Application

Choose Rayvoss to ensure unparalleled reliability and availability of your industrial equipment. Rayvoss Surge Protective Devices (SPDs) feature Strikesorb® surge protection modules, a field proven protection technology for electrical systems in a wide variety of mission-critical industrial applications.



Strikesorb technology has been field proven effective in providing premium performance under extreme operating conditions, where other conventional surge protection technologies have failed.

Enhanced Safety and Maintenance-free Operation

Because Strikesorb technology is designed to operate without dedicated internal fuses, parallel small diameter metal oxide varistors (MOVs) or diodes, it offers a lifetime of maintenance-free performance, resulting in significant operational cost savings to customers.

Industrial Grade Protection

Rayvoss Surge Protective Devices (SPDs) are industrial grade surge protection integrated with Raycap's unique next-generation Strikesorb surge protection modules. Rayvoss are available in many different electrical configurations to offer unparalleled overvoltage protection in every possible electrical low voltage installation. Strikesorb modules and Rayvoss SPDs are manufactured in

Raycap's ISO certified (ISO 9001:2008 & ISO 14001) facilities. All units go through individual production testing and are given a unique serial number and bar code for global traceability.

Rayvoss SPDs have been installed in some of the most harsh environments on the globe, and offer superior protection to customer sites in the industrial, energy, renewable energy, telecommunications, residential and governmental sectors.

Strikesorb is the only UL 1449 4th Edition overvoltage protection module recognized to operate without an internal fuse or thermal disconnection mechanism. Due to its "in-line" installation capability, whatever the line condition - from long duration surges, low current faults or high intensity lightning strikes - Strikesorb and Rayvoss SPDs will work to keep protected loads safe, even under catastrophic conditions.

Rayvoss SPDs deploy Strikesorb protection modules in a variety of configurations and operating voltages to provide the electrical protection required, whatever the installation type including the following:

- Single phase, split phase, Three Phase Wye, and Delta configurations
- 120, 240, 120/208Y, 220/390Y, 277/480Y, 347/600Y, 240D, 480D operating voltages
- Integration inside larger systems as well as power panels



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I N N O V A T I N G P O W E R P R O T E C T I O N W O R L D W I D E



Well-justified Investment

Electronic infrastructure represents a sizeable investment that can be instantly destroyed without the proper surge protection, resulting in lost revenue or loss of critical functionality. Investing in Rayvoss SPD systems, featuring Strikesorb technology, allows customers to recognize huge returns coming from uninterrupted load operation under a wide variety of adverse conditions.

Varied Applications

Rayvoss systems are configurable to a broad number of industry applications. Below are just a few of the places where Rayvoss solutions have been and are currently deployed:

- Mining
- Defense

- Railways & other transportation applications
- Power generation facilities
- Photovoltaic plants
- Wind farms
- Broadcasting stations
- Manufacturing plants & factories
- Agriculture
- Water & wastewater facilities
- Dams
- Airports
- Radar towers
- Marine vessels
- Hospitals
- Data centers
- Cellular network radio base stations
- Microwave radio relay stations
- Telecom: central offices & street cabinets
- High-end residences
- Office buildings



Rayvoss "A"



Rayvoss "M"



Rayvoss "N"



Rayvoss "S"



Strikesorb surge protective modules

Strikesorb Benefits

- Maintenance-free operation: Strikesorb can take multiple electrical surges without degradation so it is able to provide continuous protection to critical loads.
- Safe operation: No smoke, fire or explosion
- Unique capability to withstand multiple high-energy transients
- Low let-through voltage, providing excellent protection compared with competitive SPD products
- Class I/Class II certified SPD per IEC 61643-11
- Global standards compliance: UL 1449 4th Edition, IEC, IEEE, NEMA
- 10 year global product warranty

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