



Transient Voltage Surge Suppression (TVSS) Systems

Rayvoss represents the ultimate transient voltage surge Suppression (TVSS) system. It is a hard wired TVSS which is typically installed at the power service entrance. Rayvoss offers facility - wide protection from damaging overvoltages that can originate from lightning, from utility power irregularities and power surges in general, which can damage sensitive electronic equipment.

Rayvoss' operation is based on the Strikesorb protection module. This module provides an unsurpassed level of protection while offering safe performance under all conditions. Its proven current handling capability is 200kA (8/20 μ sec). Strikesorb's design eliminates the hazard of explosion or fire and requires no internal fusing to "protect the protector" for its safe operation. This advantage allows Rayvoss to offer maintenance-free operation for more than 20 years without performance deterioration. Rayvoss conforms to UL 1449 2nd edition and can be used in indoor or outdoor installations. This unique Rayvoss design creates the capability for "in line" connection thus providing the lowest possible residual voltage to the protected equipment.

Rayvoss is offered in a variety of types, suitable for operation in different electrical installations. It can be tailored for a variety of configurations and protection modes. Additional electronics can be offered to provide functions such as visual phase indication, surge counting and remote alarm. Typical applications include:

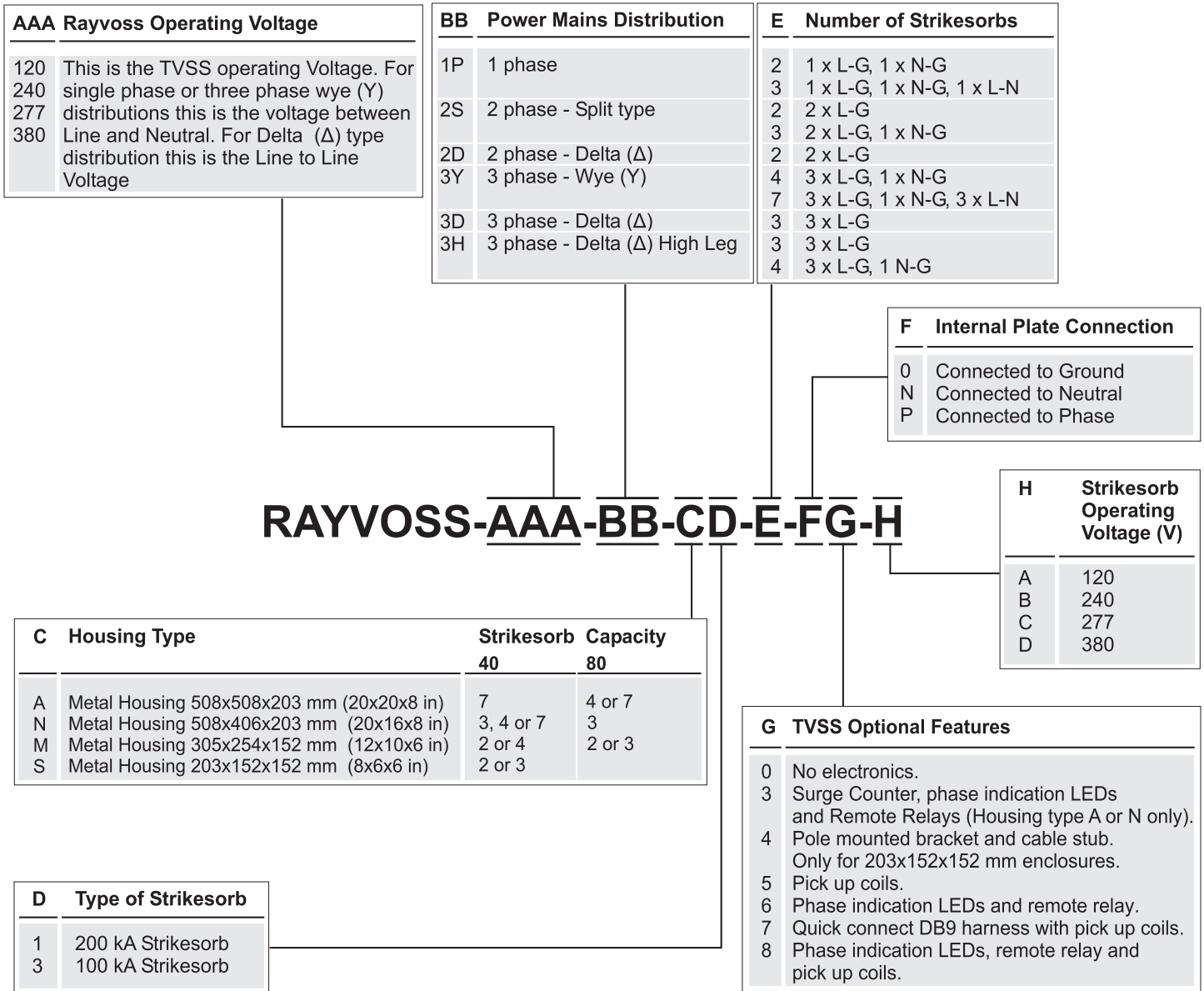
- Cellular Telephony Base Stations
- Fixed Line Telecommunications Installations
- Central Exchanges, POP's
- Microwave Radio Stations
- Rural Telephony Installations
- CATV Networks
- Radar & Air Traffic Control Stations
- Industrial Plants
- Automation & Control Centres
- Mines
- Hospitals

and any kind of installation where protection of sensitive equipment from power surges is required.



Rayvoss™

Ordering Guide



Rayvoss enclosures offer NEMA 4X (IP 65) environmental protection and can be used for "in line" connection with feeders of maximum 95mm² or AWG 4/0 dimensions.

This product is covered by US and Worldwide patents held by Raycap Corporation. Strikesorb and Rayvoss are trademarks of Raycap Corporation.

Raycap

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