Product Description

Mitsubishi Electric is providing a revolutionary 5 kV Circuit Breaker that incorporates Mitsubishi Electric patented modular switchgear technology. This technology incorporates all high voltage and operational elements into one assembly that has wheels and can easily be slid in and out of the Circuit Breaker. This single critical assembly provides plug N play service capability.

Furthermore, this unit is a ventless NEMA 3RX rated device that protects the Circuit Breaker from dust, water, corrosion, wind and foreign objects. Its temperature range of operation surpasses ANSI/IEEE maximum operating temperature and overload capability. The Bushings are designed using an outdoor rated, hydrophobic, cycloaliphatic, epoxy material. This is superior in weight, tensile strength, UV protection and structural integrity.

The 5 kV Circuit Breaker also incorporates a low voltage control panel that is housed within the 2 foot by 2 foot enclosure. When needed, the clamshell-designed control panel can be extended, swung open and unfolded to provide an ergonomic interface (see back page illustration). This unit provides all controls, relays, customer connections and other required operational devices.

Product Features

- Purpose built design to replace legacy oil circuit breakers in power distribution substations and industrial applications.
- Ultra-low maintenance design provides superior total cost of ownership.
- Fourth Generation design incorporates a highly reliable spring-spring mechanism.
- Applicable for indoor installations, or outdoor installations with optional pedestal.
- Meets or exceeds ANSI/IEEE C37.06, C37.09, C37.04 standards.
- Capable of 800 Ampere or 600 Ampere configurations.
- Standard operating temperature range of +50° C to -30° C.
Mitsubishi 5 kV Vacuum Circuit Breaker Technical Specifications

**Product Illustrations**

**Configuration Guide**

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Example Configuration: 5DV25-06-125125F01TS

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