GE VERNOVA

HITACHI

FACT SHEET

SPECTRA RMS®

Molded Case Circuit Breaker

The Spectra RMS® is the current GE Vernova Hitachi Nuclear Energy (GVH) Molded Case Circuit Breaker (MCCB) for the NEMA/UL market. Molded Case Circuit Breakers are circuit protective devices that perform manual switching to open and close a circuit by means of a toggle handle and automatic opening of the circuit under short circuit and/or sustained overload conditions.

The Spectra RMS® circuit breaker line pioneered the use of interchangeable rating plugs and universal internal accessories. With superior performance characteristics needed to meet the most demanding applications, plus a complete line of OEM accessories, GVH is certain that the Spectra RMS® line of circuit breakers, motor circuit protectors and molded case switches will be the preferred product for your nuclear application.

Spectra RMS® Product Line

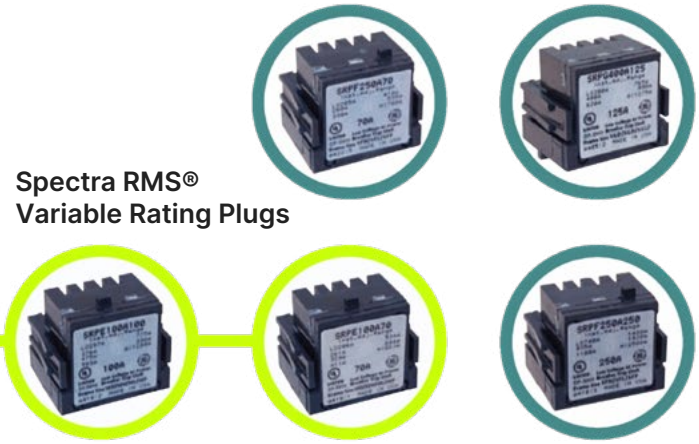
Features and Benefits

- Built on the legacy “Core” Thermal-Magnetic MCCB
- E, F, G, and K Frames available
- E150, F250, K1200 have compatible footprints with legacy products
- High Performance to 100kA @ 480VAC
- Standard production MCCB since 1990’s, hundreds of thousands of operational hours
- UL Listed, IEC Certified & CE Marked
- Ambient insensitive & accurate Electronic (non microprocessor) trip unit
- Rating plugs ease stocking plans (one frame + six rating plugs = six T/M MCCB’s)
- Field installable, universal internal accessories (shunt, aux, bell alarm, and undervoltage release)

Availability

- Currently available for safety and non-safety related applications

The modular design of Spectra RMS® allows the ultimate in flexibility and late-point configuration. All Spectra RMS® accessories are UL-Listed for field installation. Quick and easy access is afforded through the front 'pockets' of the circuit breakers, and accessories are common between Spectra RMS® frame sizes.



Spectra RMS®
Variable Rating Plugs

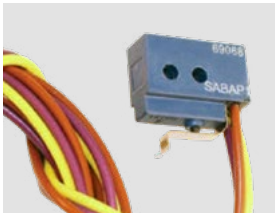
Accessories

Variable Rating Plugs
are used to late-point configure the circuit breaker's Amp rating. A 250A breaker frame, for example, can use from 70-250A depending on rating plug selection.

Shunt Trip Device
remotely opens the breaker upon application of a signal voltage. 24V – 120V AC/DC signals can be used.

Undervoltage Release
remotely opens the breaker upon removal of a signal voltage, and is useful for opening circuits upon loss of power. 24V – 120V AC/ DC signals can be used.

Auxillary Switches
provide remote indication of Open/Closed Status. Up to two form C contacts are available.



Bell Alarm Switches
provide remote indication of circuit breaker tripped on overcurrent. This switch is unaffected by a local operation of the toggle handle or "push to trip" feature.

Learn more at gevernova.com/nuclear

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