

GEH Parts – Electrical
Spectra RMS® Molded Case Circuit Breaker

fact sheet

Product Description

The Spectra RMS® is the current GEH 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, GEH 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 non-safety related applications
- Safety related Spectra RMS® will be available in 2015

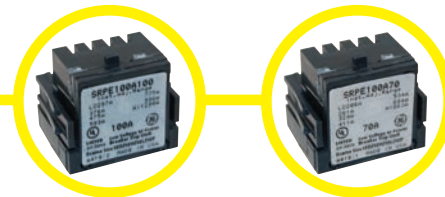
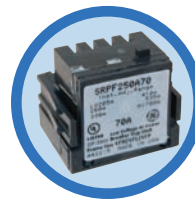


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The modular design of Spectra RMS® allows the ultimate in flexibility and late-point configuration. All Spectra RMS® accessories are UL-Listed for field installation. Quick and easy access is afforded through the front 'pockets' of the circuit breakers,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



Auxiliary 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.

For additional information on Spectra RMS® MCCBs, or any other Electronics need, please contact GEH Parts at:

1-800-425-8108

nuclearparts@ge.com

or visit us at www.ge.com/nuclear



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