



Rincon Power introduces the RXX50 contactor 1000V/500A continuous with 3MW interrupt

Carpinteria, California -- Rincon Power is proud to announce the launch of its groundbreaking RXX50 contactor. The RXX50 represents a significant advancement in contactor technology, establishing itself as the world's smallest and lightest high voltage contactor while delivering exceptional power handling capabilities.

The RXX50 features a patent-pending Fast-Break Actuation design that revolutionizes switching performance, enabling it to interrupt more than 3MW of power (1kVDC/3kA). During validation testing, the RXX50 demonstrated exceptional durability in high-power endurance switching, with modeling suggesting potential to exceed its preliminary 20G peak shock rating.

This compact powerhouse incorporates a gas-filled hermetic ceramic seal, delivering multiple advantages including high-temperature performance up to 170°C, ultra-low contact resistance in an oxygen-free environment, and reliable operation at altitude. The RXX50's light weight and small form factor make it particularly well-suited for demanding applications in the aerospace and eVTOL, racing, and performance automotive, with the added benefit of direct mounting and seamless cooling system integration.

The RXX50 also features an efficient PWM coil design that operates on system-supplied control power without internal electronics, contributing to its lightweight profile. Its compact layout enables enhanced current-carrying capacity beyond the datasheet rating when integrated with cooling systems.

"The RXX50 represents a quantum leap in contactor technology," said Markus Beck, VP of Sales at Rincon Power. "It's combination of ultra-compact size, exceptional power handling, and innovative Fast-Break technology sets new standards for what's possible in high-performance power switching applications."

To learn more or place an order, please call +1.805.456.6424, email info@rinconpower.com, or visit us on the web at www.rinconpower.com



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Rincon Power is a leading supplier of high-performance contactors, relays, and switches designed to meet the needs of an electrified future. Our products are hermetically sealed and engineered to provide superior performance in harsh environments and demanding applications. Our world HQ is located in Carpinteria, California where our team of industry veterans and seasoned professionals draws on deep technical experience with product design, testing, and manufacturing all under one roof in a state-of-the-art facility. Our experience is your competitive advantage.