



PowerMod Solid-State MVDC Circuit Breaker

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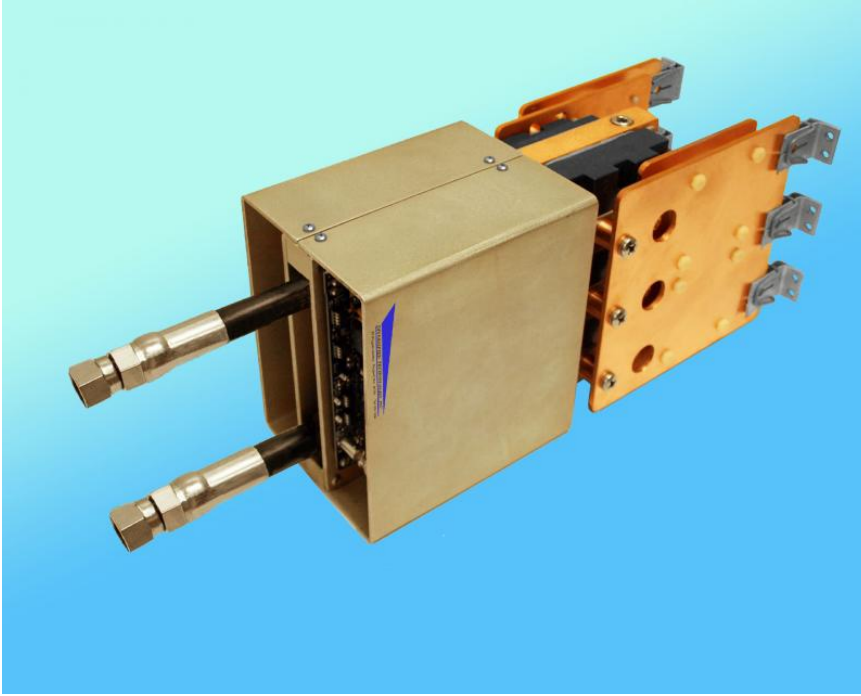
by Diversified Technologies, Inc.

A compact solid-state MVDC circuit breaker that safely interrupts full load currents in microseconds and then closes for reuse has been introduced by Diversified Technologies, Inc. of Bedford, Massachusetts.

DTI's PowerMod Solid-State DC Circuit Breaker takes power off of the load and then closes for reuse to enable MVDC power systems to operate safely. Featuring sub-microsecond opening and closing times, this compact MVDC circuit breaker prevents the fault energy from reaching damaging levels and provides multi-kHz switching for continuous controlled power applications from 1 to 50 kVDC.

Exhibiting > 99.7 percent switching efficiency and ~30 years MTBF, DTI's PowerMod Solid-State DC Circuit Breakers support micro-grid alternative sources and storage systems, including wind- and solar-power, battery storage, and flywheels, with various voltages, frequencies, and power levels. Comprised of two 4.5 kV IGBT's in series, each breaker measures 16"W x 8"D x 6"H.

DTI PowerMod Solid-State DC Circuit Breakers are priced from \$9,995.00 and provide > 1 million hours predicted reliability per MIL-HDBK-217F.



(Credit: Diversified Technologies, Inc.)

RELEVANT PRODUCT

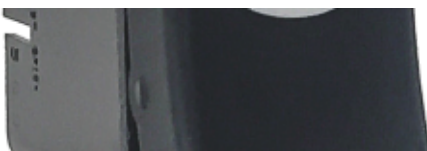


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William K — Artificial intelligence needs to learn and keep on learning. A road vehicle must know everything that it needs to know the instant it is

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William K — Certainly IR cameras can offer a real benefit, but in addition thermal imaging cameras offer the benefit of seeing living things

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William K — RB is certainly correct, this car would never meet US vehicle safety standards, nor even come close. Why does a city car need

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William K — I wonder what happens if a phone call arrives while controlling a drone with the phone. Does anybody know?