



## NEWS

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**EPIC® Sealed GX Contactor**

## **REVOLUTIONARY NEW HIGH EFFICIENCY COIL OPTIONS REQUIRE ONLY 1.1 WATTS TO POWER SWITCH UP TO 750 VOLTS AC or DC**

**Santa Barbara, California** - GIGAVAC® proudly announces new High Efficiency Coil Options for its GX11 and GX12 contactors that can power switch high currents, both DC and AC up to 750 volts. The new 12Vdc and 24Vdc high efficiency coil options require only 1.1 watts, a fraction of the coil hold power of other contactors with these voltage ratings. "Research indicates that we are the first manufacturer to offer this high current, yet low watt and low cost, sealed multi-purpose contactor," revealed GIGAVAC President Mike Molyneux. These high current, completely sealed single pole, single throw, normally open universal contactors use GIGAVAC's EPIC® sealing technology (Extended Performance Impervious Ceramic) with two coils, not a PWM (pulse width modulation) economizer used by other manufacturers that is known to radiate noise and cause problems with users coil power source.

According to Jim Lanum, GIGAVAC's Vice President of Sales & Technical Support, "These new high efficiency coils move us closer to providing a complete array of built-in monitoring and control electronics in the same sealed package. Low power ratings have been achieved without adding to the size of an already very small, completely sealed package. It has easy-connect industry standard chassis-level power connections. These contactors are the perfect solution for solar, wind, high efficiency vehicles, battery operated systems, or wherever heat is an issue."

Measuring only 57 mm (2.25 in) in height, 60 mm (2.4 in) in width and 115 mm (4.5 in) in length, the GX11 & GX12 sealed contactors can be mounted in any direction practically anywhere. According to Lanum, "The GX11 & GX12 contactors are UL 508 ambient compliant to 75°C at 150 Amp and 225 Amp respectively, but can carry and switch 225 Amp / 275 Amp at 50°C." Stainless steel hardware and mounting inserts provide years of corrosion free service. Single pole, double throw (SPDT) auxiliary contacts rated at 2 Amps are available as an option.

The GX11 and GX12 can operate in unforgiving environments without requiring any special protective packaging. Hermetically sealed, the sealed contactors are designed to meet: UL 1604 for Class I & II, Div 2 and Class III for use in hazardous locations; IP 67 for temporary water immersion for 30 minutes; SAE J1171-external ignition protection; and ISO 8846 for protection against ignition around flammable gasses. The EPIC® sealing technology reduces risk of fire or meltdown in over-current conditions.

One piece pricing with the new High Efficiency Coil Option is \$138 for the GX11 and \$156 for the GX12. For 50 pieces, they are \$95 and \$108 respectively. Delivery is normally from stock for small quantities, but because of the popularity of the new GX series of sealed contactors, delivery can go out to 4 weeks for larger quantities. GIGAVAC accepts all major credit cards and generally ships the same day the order is received. [Representatives throughout the world](#) can deliver the products in the user's country and currency at the lowest possible cost. For complete information and ordering, call 805-684-8401 or visit [www.GIGAVAC.com](http://www.GIGAVAC.com).

### **About GIGAVAC:**

*Based in Santa Barbara, California, GIGAVAC is today's expert in high voltage relays and sealed contactors. Founded by leading industry professionals, GIGAVAC designs, manufactures and sells high voltage relays and contactors to manufacturers of test equipment, power supplies, wafer fabrication, RF and communications equipment, MRI/medical equipment and others in need of high voltage solutions; as well as users involved in heavy trucks and equipment, boats, light rail, mining, oil and factory automation power systems, battery charging and management systems, fuel cells, and solar, wind and wave power systems. For more information visit [www.GIGAVAC.com](http://www.GIGAVAC.com).*

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