



NEWS

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G18 Relay

**GIGAVAC ANNOUNCES G18—INNOVATIVE 15 KV VACUUM RELAY
HAS INTERNAL SHIELD FOR INCREASED LIFE**

~Only 15 KV Relay Of Its kind In The Industry That Is Fully RoHS Compliant

Santa Barbara, California - According to Jim Lanum, Vice President of Sales & Technical Support for GIGAVAC, "Customers tell us that one of the many reasons why they use our vacuum relays is because they are the smallest in the industry with their voltage rating. When power switching a load using a vacuum relay, even hard contacts vaporize, and the material becomes deposited and plate-out the internal walls of the ceramic envelope. Over time, these deposits reduce the isolation voltage, which causes the relay's end of useful life. GIGAVAC has solved the plate-out condition by adding an internal shield to our G8 relay. The deposits hit the shield of the new G18 rather than the ceramic wall, resulting in a relay life many times longer than relays without the shield."

GIGAVAC's new G18 also has tungsten contacts, and it can easily switch 10 KV at 2 amps for 100,000 cycles, 330 VDC at 17 amps for 10,000 cycles, or switch other currents at voltages up to 15 KV. It is the only relay of its kind in the industry that is fully RoHS compliant—and has an internal shield for increased life. The G18 is the same size as GIGAVAC's G8 vacuum relay that is used for RF applications and lower current switching, as well as GIGAVAC's G2 vacuum relay with copper contacts for high current RF carry applications, and the G15 SF6 gas filled relay for high in-rush current "make" applications. According to Lanum, "Our new G18 fills out our line of Single Pole Double Throw (SPDT) 15 KV relays making it easy for customers to select the smallest and best relay for their specific application." The G18 is available with coil voltages of 12 VDC, 26.5 VDC, and 115 VDC, or customized. Plus they have GIGAVAC's exclusive changeable coil feature that allows users to change the coil even after the relay has been installed. Latching versions are also available.

The G18 sells for \$387 each for 5 pieces, \$253 each for 50 pieces, and is in stock for immediate delivery. GIGAVAC accepts all major credit cards and generally ships the same day an 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.

About GIGAVAC:

Based in Santa Barbara, California, GIGAVAC is today's expert in high voltage relays. Founded by leading industry professionals, GIGAVAC designs, manufactures and sells fully compliant RoHS 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 relay 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. www.GIGAVAC.com.