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We are not Kilovac!

Although most of us come from Kilovac, we want you to know that we are not Kilovac nor do we have any affiliation with Kilovac, CII Technologies, or Tyco, the owner of Kilovac and CII brands. We are a privately held California LLC that was formed after Tyco bought CII Technologies/Kilovac. Many of the sales people who represent GIGAVAC are the same people you dealt with at Kilovac because these independent sales representatives have chosen to represent GIGAVAC. We started GIGAVAC because we know there is a need in the industry for personalized service, knowledgeable applications assistance, new product innovation, and in-stock high voltage relays at a reasonable cost.

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GIGAVAC has, in stock, the largest number of high voltage relays!

GIGAVAC has over 4,400 finished high voltage relays in stock representing 38 distinct relay types and 98 individual relay part numbers. These relays can be shipped anywhere in the world the same day an order is received and GIGAVAC accepts most major credit cards. What else would you expect from the Expert?

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New in 2003 ... with more to come in 2004

The following are just a few of the new items introduced by GIGAVAC in 2003. Visit our web site at www.gigavac.com for complete details and specifications.

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The new G60C 35 kV relay

This relay offers customers the opportunity to encapsulate their own relay, saving them money and making their systems smaller. In the past, if customers wanted a 35 kV relay they would have to buy our G61 type relay that comes already encapsulated with flying leads. Because some customers were encapsulating other high voltage components in their system, GIGAVAC decided to offer a bare relay to these customers that they could encapsulate themselves. The G60C comes un-glazed so the potting will easily adhere to the ceramic envelope and it is priced at about 30% less than the "prepackaged" G61C.

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GIGAVAC's new G71 relay

This new relay provides 70 kV of isolation and is rated for low temperature operation down to -50° C, far below the 0° C offered by the competition. While we were at it, we also made the G71 smaller and less expensive. The G71 is filled with a SF6 gas mixture ideal for capacitive "make" conditions with



very low and stable leakage current needed for motor and cable test applications. Forms A, B & C are available from stock.



New GIGAVAC G81 PC mount relay

This relay is rated for 10 kV and 20 Amps carry current. GIGAVAC offers low cost PC mount Reed Relays for lower current and long life applications, and the G81 takes over where Reed Relays leave off. The G81 is available in forms A, B & C and is about the same size as our reed relays. The G81 is also available with flying leads and a panel mount version for use in almost any environment.

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GIGAVAC offers user replaceable relay coils

We know our customers sometimes find themselves in a situation where they must change their coil source voltage. So that the customer does not have to scrap their existing relays, GIGAVAC came up with "coil kits" in a variety of voltages so that the user could easily change the relay coil, even if the relay is installed. The kit includes all the parts necessary and our web site "Applications" page gives detailed instructions how to make the change. The kits are in stock, and available for GIGAVAC relay series GH, G2, G8, G15, G60 & G70.



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How to Pick a Relay...

Wondering what relay will work for you? How to pick a relay has been added to our web site. Selecting the right high voltage relay can sometimes be overwhelming. To make it as easy as possible, GIGAVAC has created a new "How to Pick a Relay" section tailored to your level of expertise. By answering just a few simple questions you are quickly guided to a list of relays suited for your application. Visit GIGAVAC's on-line Applications section to find out how easy it can be to select a high voltage relay. Also, always feel free to contact any of the experts at GIGAVAC for free applications assistance.

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What to look for in 2004

You can expect to see many new low cost high voltage relays developed by GIGAVAC in 2004. Not only will we continue to expand our product offering for lower cost, drop-in replacements for relays made by Kilovac, Jennings and others, but you will see some totally new relays to address the expanding needs of the industry. You can expect to see several completely new high current 20kV relays, a new Ceramic, two pole double throw (2PDT) relay, and various latching relays.

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Reed Relay Proximity Spacing Important

Most GIGAVAC relays are not affected when they are placed in close proximity to another relay. However, because Reed Relays operate with such low coil power, they are more sensitive to proximity issues than other relays and board layout considerations are necessary. Our "rule of thumb" spacing between Reed Relays is at least 5 mm on all sides and "test & try" between a Reed Relay and any other GIGAVAC relay. Normally closed and latching Reed Relays have a greater affect on adjacent Reed Relays because they have a permanent magnet. When laying out your board, it is always best to alternate the Reed Relays end-to-end. Visit our web site applications section for complete details.

*This is the wrong way to do it!
Relays are too close and not
alternated.*

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Free Posters Still Available


We still have some of the famous GIGAVAC posters available. Contact the sales office in your area or info@gigavac.com for a free poster while supplies last.

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If you would prefer to get The News by e-mail, please drop us a line at info@gigavac.com or fax at 805-755-2001 with your name and address, so we can update our mailing list. If you prefer not to receive notices and newsletters about GIGAVAC and its products, just drop us a line or send us an e-mail and we will remove you from future mailings.



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