



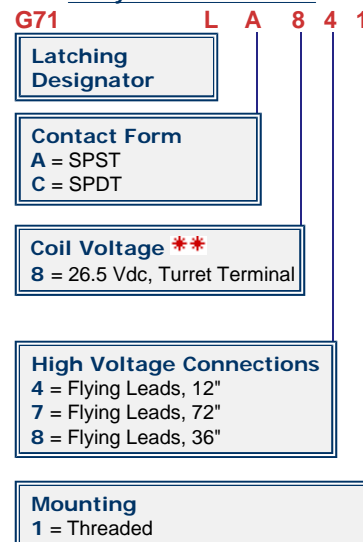
| FEATURES | |
|--------------|--|
| ◆ | Latching coils for low power consumption and to ensure relay will remain in last position, even when no voltage is applied to the coil |
| G71LA | |
| ◆ | Sealed 70 kV isolation in about 6.3 cubic inch (100 cubic cm) package - your will be system the smallest in the industry! |
| ◆ | SF-6 gas filled for capacitive discharge with no x-ray emissions |
| ◆ | Pre-tinned, optional length, high voltage leads making installation easy fast and easy |
| ◆ | Great for charging & discharging capacitors with no bounce under load |
| ◆ | GIGAVAC exclusive replaceable coils |
| G71LC | |
| ◆ | Same great features as the G71A and G71B |
| ◆ | Double Throw (SPDT) for polarity reversal and multiple power source switching |

| PRODUCT SPECIFICATIONS | | | |
|--|---------|------------|------------|
| Contact & Relay Ratings | Units | G71LA | G71LC |
| Contact Form | | A | C |
| Contact Arrangement | | SPST | SPDT |
| Voltage, Test Max., Contacts & to Base (15 µA Leakage Max, dc or 60Hz) | kV Peak | 75 | 75 |
| Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.) | | | |
| dc | kV Peak | 70 | 70 |
| 60 Hz RMS | kV Peak | 30 | 30 |
| 2.5 MHz | kV Peak | - | - |
| 16 MHz | kV Peak | - | - |
| 32 MHz | kV Peak | - | - |
| Current, Continuous Carry Max | | | |
| dc or 60 Hz | Amps | 10 | 10 |
| 2.5 MHz | Amps | - | - |
| 16 MHz | Amps | - | - |
| 32 MHz | Amps | - | - |
| Coil Hi-Pot (V RMS, 60 Hz) | V | 500 | 500 |
| Capacitance | | | |
| Across Open Contacts | pF | - | - |
| Contacts to Ground | pF | - | - |
| Resistance, Contact Max @ 1A, 28 Vdc | ohms | 2.0* | 2.0* |
| Operate Time | ms | 20 | 20 |
| Reset Time | ms | 15 | 15 |
| Life, Mechanical | cycles | .5 million | .5 million |
| Weight, Nominal | g (oz) | 336 (12) | 336 (12) |
| Vibration, Operating, Sine (55-500 Hz Peak) | G's | 10 | 10 |
| Shock, Operating, 1/2 Sine 11ms (Peak) | G's | 20 | 20 |
| Temperature Ambient Operating | °C | -50 to +85 | -50 to +85 |

| COIL RATINGS | |
|-----------------------------|--------|
| Nominal, Volts dc | 26.5 |
| Pick-up, Volts dc, Max. | 22 |
| Reset, Volts dc | 1 - 10 |
| Coil Resistance (Ohms ±10%) | - |

Ratings listed are for 25°C, sea level conditions. Coils are polarity sensitive. Observe polarity marked on coil terminals.

For more information, refer to **Relay User Instructions**



* Contact resistance for gas-filled measured at 28 Vdc, 1 Amp

** Order the relay with the part number as shown. The latching "L" designator and the coil voltage will not appear in the P/N on the relay but will be indicated on the label that is on the base of the relay. Observe coil polarity.

04/03/08