

## GL13

# 15 kV

Make Only Load Switching



| FEATURES  |
|---|
| ◆ 2 pole, Double Throw for switching between and/or reversing power sources or loads. |
| ◆ Completely sealed for years of failure free operation.                              |
| ◆ SF6 gas filled for high energy in-rush switching. *                                 |
| ◆ Insulated flying leads make connection easy. Custom lengths available.              |
| ◆ Not position sensitive allowing mounting flexibility.                               |
| ◆ Threaded base and top tabs provide mounting flexibility.                            |

\*Consult factory for load switching applications.

| PRODUCT SPECIFICATIONS  |         |            |
|---|---------|------------|
| Contact & Relay Ratings   | Units   | GL13       |
| Contact Form  |         | 2C         |
| Contact Arrangement   |         | DPDT       |
| Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz) | kV Peak | 17         |
| Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)        |         |            |
| dc or 60 Hz   | kV Peak | 15         |
| 2.5 MHz   | kV Peak | -          |
| 16 MHz  | kV Peak | -          |
| 32 MHz  | kV Peak | -          |
| Current, Continuous Carry Max   |         |            |
| dc or 60 Hz   | Amps    | 10         |
| 2.5 MHz   | Amps    | -          |
| 16 MHz  | Amps    | -          |
| 32 MHz  | Amps    | -          |
| Coil Hi-Pot (V RMS, 60 Hz)  | V       | 500        |
| Capacitance   |         |            |
| Across Open Contacts  | pF      | 0.5        |
| Contacts to Ground  | pF      | 1          |
| Resistance, Contact Max @ 1A, 28 Vdc                                    | ohms    | 1.0        |
| Operate Time  | ms      | 15         |
| Release Time  | ms      | 9          |
| Life, Mechanical  | cycles  | 1 million  |
| Weight, Nominal   | g (oz)  | 140 (5)    |
| Vibration, Operating, Sine (55-500 Hz Peak)                             | G's     | 10         |
| Shock, Operating, 1/2 Sine 1ms (Peak)                                   | G's     | 50         |
| Temperature Ambient Operating   | °C      | -55 to +85 |

| COIL RATINGS                |        |        |        |
|-----------------------------|--------|--------|--------|
| Nominal, Volts dc           | 12     | 26.5   | 115    |
| Pick-up, Volts dc, Max.     | 8      | 16     | 80     |
| Drop-Out, Volts dc          | .5 - 5 | 1 - 10 | 5 - 50 |
| Coil Resistance (Ohms ±10%) | 48     | 180    | 2900   |

Ratings listed are for 25°C, sea level conditions

For more information, refer to

[Relay User Instructions](#)

**GL13 - 12Vdc**

|                      |
|----------------------|
| <b>Coil Voltage*</b> |
| Blank = 26.5 Vdc     |
| 12Vdc = 12 Vdc       |
| 115Vdc = 115 Vdc     |

\*Order the relay with the coil voltage in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals rather than in the P/N on the relay.