

# G60L - LATCHING

# 35 kV

Make Only Load Switching (Requires relay to be potted to be able to meet high voltage specifications)  
RoHS Compliant, date code 0601 and later



## 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
- Unglazed ceramic relay offers true customer design flexibility
- Excellent for capacitive discharge and safety dump switch applications
- Effectively bounce free operation

## PRODUCT SPECIFICATIONS

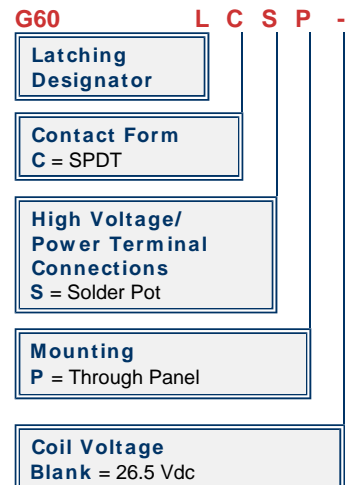
| Contact & Relay Ratings  | Units   | G60LC       |
|--|---------|-------------|
| Contact Form   |         | C           |
| Contact Arrangement  |         | SPDT        |
| Voltage, Test Max., Contacts & to Base (15 $\mu$ A Leakage Max., dc or 60Hz) | kV Peak | 40*         |
| Voltage, Operating Max., Contacts & to Base (15 $\mu$ A Leakage Max.)        |         |             |
| dc or 60 Hz  | kV Peak | 35*         |
| 2.5 MHz  | kV Peak | -           |
| 16 MHz   | kV Peak | -           |
| 32 MHz   | kV Peak | -           |
| Current, Continuous Carry Max  |         |             |
| dc or 60 Hz  | Amps    | 12          |
| 2.5 MHz  | Amps    | -           |
| 16 MHz   | Amps    | -           |
| 32 MHz   | Amps    | -           |
| Coil Hi-Pot (V RMS, 60 Hz)   | V       | 500         |
| Capacitance  |         |             |
| Across Open Contacts   | pF      | -           |
| Contacts to Ground   | pF      | -           |
| Resistance, Contact Max @ 1A, 28 Vdc   | ohms    | 1.0         |
| Operate Time   | ms      | 15          |
| Reset Time   | ms      | 15          |
| Life, Mechanical   | cycles  | 1 million   |
| Weight, Nominal  | g (oz)  | 84 (3)      |
| Vibration, Operating, Sine (55-500 Hz Peak)                                  | G's     | 10          |
| Shock, Operating, 1/2 Sine 11ms (Peak)                                       | G's     | 50          |
| Temperature Ambient Operating  | °C      | -55 to +125 |

## COIL RATINGS

|                                    |        |
|------------------------------------|--------|
| Nominal, Volts dc                  | 26.5   |
| Pick-up, Volts dc, Max.            | 18     |
| Reset, Volts dc                    | 1 - 10 |
| Coil Resistance (Ohms $\pm 10\%$ ) | -      |

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](#)



\*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.

01/11/11