

# G13L - LATCHING

# 15 kV

Make Only Load Switching  
RoHS Compliant



## 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
- ◆ 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	G13L
Contact Form		2C
Contact Arrangement		DPDT
Voltage, Test Max., Contacts & to Base (15 $\mu$ A Leakage Max., dc or 60Hz)	kV Peak	17
Voltage, Operating Max., Contacts & to Base (15 $\mu$ A 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
Reset 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 11ms (Peak)	G's	50
Temperature Ambient Operating	°C	-55 to +85

## COIL RATINGS

Nominal, Volts dc	26.5
Pick-up, Volts dc, Max.	16
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.