

G61L - LATCHING

35 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
- Compact design saves precious space while isolating 35kV
- Flying leads provide versatile high voltage connections
- Excellent for capacitive discharge and safety dump switch applications
- Effectively bounce free operation

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G61LA	G61LC
Contact Form		A	C
Contact Arrangement		SPST	SPDT
Voltage, Test Max., Contacts & to Base (15 μ A Leakage Max, dc or 60Hz)	kV Peak	40	40
Voltage, Operating Max., Contacts & to Base (15 μ A Leakage Max.)			
dc or 60 Hz	kV Peak	35	35
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	1.0	1.0
Operate Time	ms	15	15
Reset Time	ms	15	15
Life, Mechanical	cycles	1 million	1 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	-55 to +85	-55 to +85

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](#)

G61	L	A	8	4	1
Latching Designator					
Contact Form A = SPST C = SPDT					
Coil Voltage 8 = 26.5 Vdc, Turret Terminal					
High Voltage Connections 4 = Flying Leads, 12" 7 = Flying Leads, 72" 8 = Flying Leads, 36"					
Mounting 1 = Threaded					

*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.