

15kV SPDT HV Relay

Latching - Single Pole Double Throw

G8L

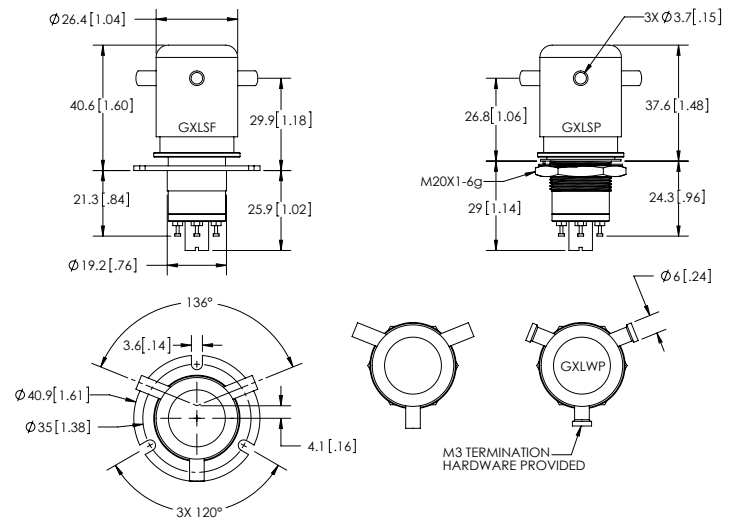
FEATURES

- > Durable tungsten contacts improve load switching capability**
- > Latching coil means low drive power consumption
- > Mounting options in any axis
- > Solder or convenient threaded HV connections

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G8L
Contact Form		R
Contact Arrangement		SPDT
Contact Material (moveable/stationary)		molybdenum /tungsten
Dielectric		Vacuum
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	12
16 MHz	kV Peak	9
32 MHz	kV Peak	7
Current, Load Switching		Contact factory**
Current, Continuous Carry Max		
dc or 60 Hz	Amps	30
2.5 MHz	Amps	18
16 MHz	Amps	10
32 MHz	Amps	6
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	.05
Contacts to Ground	pF	1
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.025
Latch Time	ms	15
Reset Time	ms	9
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 Sine11ms (Peak)	G's	50
Temperature Ambient Operating	°C	-55 to +125

** Consult factory for load switching applications.



COIL RATINGS

Nominal, Volts dc	26.5
Latch, Volts dc, Max.	16
Reset, Volts dc	1 - 10
Coil Resistance (Ohms ±10%)	

PART NUMBER SYSTEM

G8L	S	P	
High Voltage/ Power Terminal Connections	S = Solder Pot W = Screw		
Mounting		P = Through Panel F = Flange	
Coil Voltage*			Blank = 26.5 Vdc

* 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.