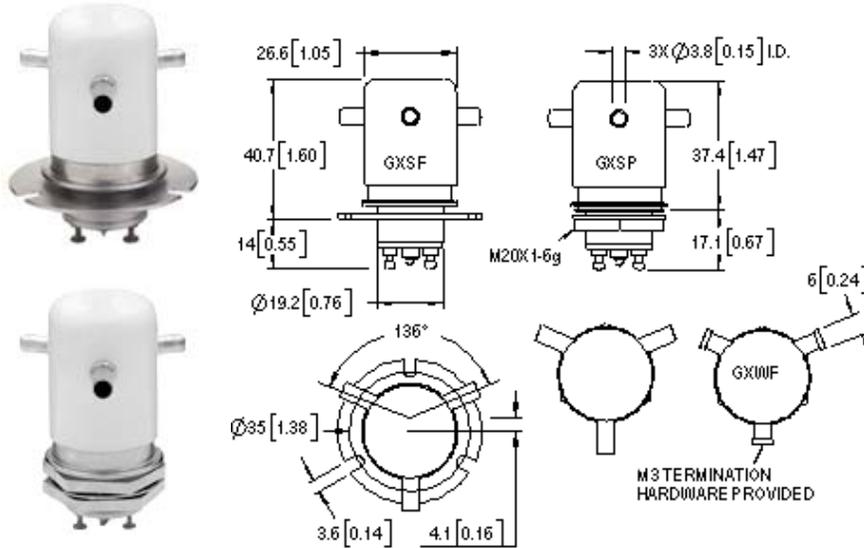


Make & Break Load Switching - Limited (Contact Factory for Ratings)
 RoHS Compliant, date code 0701 and later



- | FEATURES |
|--|
| • Durable tungsten contacts for hot load switching* |
| • Vacuum dielectric for effective arc quenching when opening under load* |
| • Two mounting styles available, flange or through panel with jam nut. |
| • Solder or threaded high voltage connections help make installation easy. |
| • User interchangeable coils provide for driver versatility. |
| • Meets or exceeds standards set in MIL-R-83725. |
- *Consult factory for load switching applications.

PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	G8
Contact Form		C
Contact Arrangement		SPDT
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, 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	0.5
Contacts to Ground	pF	1
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.025
Operate Time	ms	15
Release 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

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](#)

G8 **S F - 12Vdc**

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