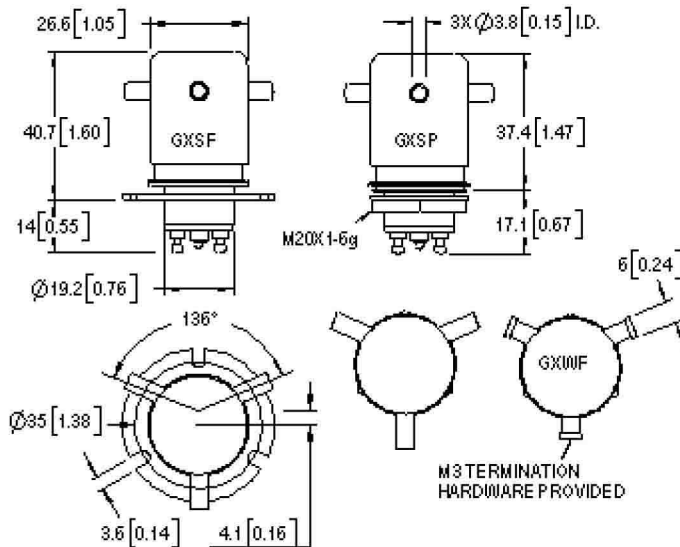


## High Voltage Relays: GL15



### 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
- Consult factory for load switching applications



Product Specification			
Contact & Relay Ratings		Units	GL15
Contact Form			C
Contact Arrangement			SPDT
Test Voltage, (kV, Peak), Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)		KV Peak	17
Rated Operating Voltage, (kV, Peak), Contacts & to Base (15 µA Leakage Max.)	dc or 60Hz	KV Peak	15
	2.5MHz	Kv Peak	-
	16MHz	KV Peak	-
	32MHz	KV Peak	-
Continuous Current, Carry Max	dc or 60Hz	Amps	12
	2.5MHz	Amps	-
	16MHz	Amps	-
	32MHz	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, 28Vdc		ohms	1.0
Operate Time, Max		ms	15
Release Time, Max		ms	9
Mechanical Life		Cycles	1 million
Weight		g(02)	84(3)
Vibration, Sine (10-2000 Hz Peak)		G's	10
Shock, 1/2 Sine 11ms (Peak)		G's	50
Operating Temperature Ambient		°C	-55 ~ +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 (Ω±10%)	48	180	2900
* Ratings listed are for 25°C, sea level conditions			

GL15 S F - 12Vdc

High Voltage/Power Terminal  
S = Solder Pot  
W = Screw

Mounting  
P = Through Panel  
F = Flange

Coil Voltage  
12Vdc=12 Vdc  
25.6Vdc=26.5 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.