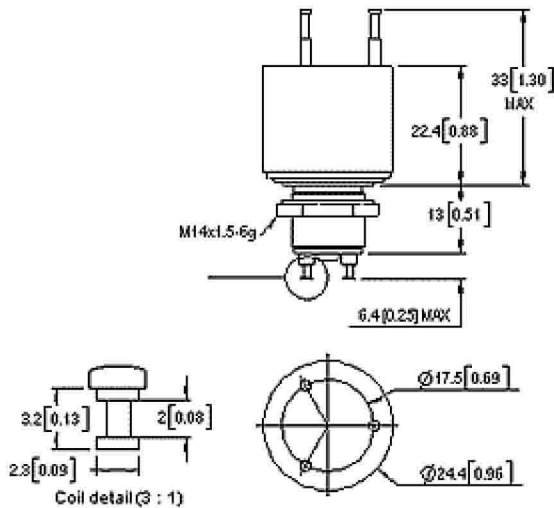


High Voltage Relays: GL



GLH 8kV Series

- Easy to mount threaded base with jam nut
- User interchangeable coils provide for driver versatility
- Meets or exceeds standards set in MIL-R-83725

GLH2 No Load Switching

- Low, stable contact resistance minimizes voltage drop in sensitive circuits
- High carry current, 25A dc continuous, in a small package

GLH4 Make & Break Load Switching

- Durable tungsten contacts for hot load switching
- Vacuum dielectric for effective arc quenching when opening under load

GLH6 Make Only Load Switching

- Excellent for capacitive discharge and safety dump switch applications
- Can be modified to accommodate customer specified cables and connectors
- Consult factory for load switching applications

Product Specification					
Contact & Relay Ratings	Units	GLH2	GLH4	GLH6	
Contact Form		C	C	C	
Contact Arrangement		SPDT	SPDT	SPDT	
Test Voltag,(kV, Peak), Test Max., Contacts & to Base (15 μA Leakage Max., dc or 60Hz)	KV Peak	10	10	10	
Rated Operating Voltage, (kV,Peak), Contacts & to Base (15 μA Leakage Max.)	dc or 60Hz	KV Peak	8	8	8
	2.5MHz	Kv Peak	-	-	-
	16MHz	KV Peak	-	-	-
	32MHz	KV Peak	-	-	-
Continuous Current, Carry Max	dc or 60Hz	Amps	25	15	8
	2.5MHz	Amps	-	-	-
	16MHz	Amps	-	-	-
	32MHz	Amps	-	-	-
Coil Hi-Pot (V RMS, 60 Hz)		V	500	500	500
Capacitance	Across Open Contacts	pF	-	-	-
	Contacts to Ground	pF	-	-	-
Resistance, Contact Max @ 1A, 28Vdc		ohms	0.01	0.02	0.50
Operate Time, Max		ms	6	6	6
Release Time, Max		ms	6	6	6
Mechanical Life		Cycles	2 million	2 million	1 million
Weight		g(02)	39(1)	39(1)	39(1)
Vibration, Sine (10-2000 Hz Peak)		G's	10	10	10
Shock, 1/2 Sine11ms (Peak)		G's	50	50	50
Operating Temperature Ambient		°C	-55 ~ +125	-55 ~ +125	-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%)	80	335	6000

GLH 2 -12Vdc

Model
2
4
6

Coil Voltage
Blank = 26.5Vdc
12Vdc = 12Vdc
115 = 115Vdc

* 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.