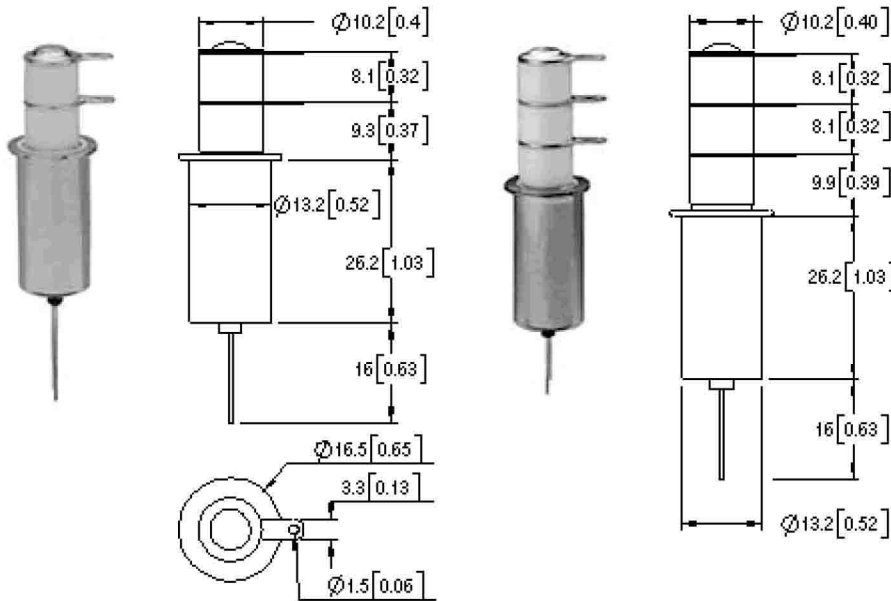


High Voltage Relays: GL41A-GL41B-GL41C



Features

- Slim design is extremely space efficient in multi-relay applications
- RF efficient design offers high power handling in a small package
- Durable tungsten contacts for hot load switching
- Vacuum dielectric for effective arc quenching when opening under load
- Can be mounted and used in any position
- Consult factory for load switching applications

Product Specification					
Contact & Relay Ratings		Units	GL41A	GL41B	GL41C
Contact Form			A	B	C
Contact Arrangement			SPDT-NO	SPDT-NC	SPDT
Test Voltage, (kV, Peak), Test Max., Contacts & to Base (15 μ A Leakage Max., dc or 60Hz)		KV Peak	6	6	6
Rated Operating Voltage, (kV, Peak), Contacts & to Base (15 μ A Leakage Max.)	dc or 60Hz	KV Peak	5	5	5
	2.5MHz	KV Peak	4.5	4.5	4.5
	16MHz	KV Peak	3.5	3.5	3.5
	32MHz	KV Peak	2.8	2.8	2.8
Continuous Current, Carry Max	dc or 60Hz	Amps	30	30	30
	2.5MHz	Amps	24	24	24
	16MHz	Amps	16	16	16
	32MHz	Amps	12	12	12
Coil Hi-Pot (V RMS, 60 Hz)		V	500	500	500
Capacitance	Across Open Contacts	pF	1.2	1.2	1.2
	Contacts to Ground	pF	1.2	1.2	1.2
Resistance, Contact Max @ 1A, 28Vdc		ohms	0.02	0.02	0.02
Operate Time, Max		ms	10	10	10
Release Time, Max		ms	10	10	10
Mechanical Life		Cycles	2 million	2 million	2 million
Weight		g(02)	28(1)	28(1)	28(1)
Vibration, Sine (10-2000 Hz Peak)		G's	10	10	10
Shock, 1/2 Sine 1 ms (Peak)		G's	50	50	50
Operating Temperature Ambient		$^{\circ}$ 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 ($\Omega \pm 10\%$)	80	330	6000
* Ratings listed are for 25 $^{\circ}$ C, sea level conditions			

GL41	A	3	3	4
Contact Arrangement A = SPST-NO B = SPST-NC C = SPDT				
Coil Voltage 2 = 12Vdc Inserting 3 = 26.5Vdc Inserting 5 = 115Vdc Inserting 7 = 12Vdc, Turret Terminal 8 = 26.5Vdc, Turret Terminal 9 = 115Vdc, Turret Terminal				
High Voltage Connections 3 = Solder Connection				
Mounting 2 = Flanged 4 = Standard				