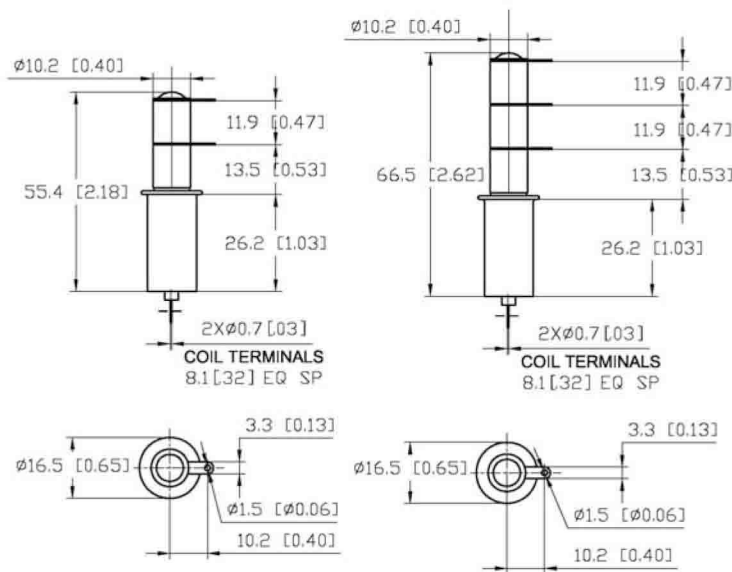




High Voltage Relays: GL43A -GL43B-GL43C



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	GL43A	GL43B	GL43C
Contact Form			A	B	C
Contact Arrangement			SPST -NO	SPST -NC	SPDT
Test Voltage, Test Max., Contacts & to Base (15 μ A Leakage Max., dc or 60Hz)		kV Peak	11	11	11
Rated, Operating Voltage, (kV, Peak), Contacts & to Base (15 μ A Leakage Max.)	dc or 60Hz	kV Peak	10	10	10
	2.5MHz	kV Peak	7	7	7
	16MHz	kV Peak	6	6	6
	32MHz	kV Peak	4	4	4
Current, Continuous Carry Max	dc or 60Hz	Amps	25	25	25
	2.5MHz	Amps	20	20	20
	16MHz	Amps	13	13	13
	32MHz	Amps	10	10	10
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, Nominal		g(oz)	28(1)	28(1)	28(1)
Vibration, Sine (55-2000 Hz Peak)		G's	10	10	10
Shock, Operating, 1/2 Sine 11ms (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 ($\Omega \pm 10\%$)	70	290	4700
* Ratings listed are for 25°C, sea level conditions			

GL43	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				