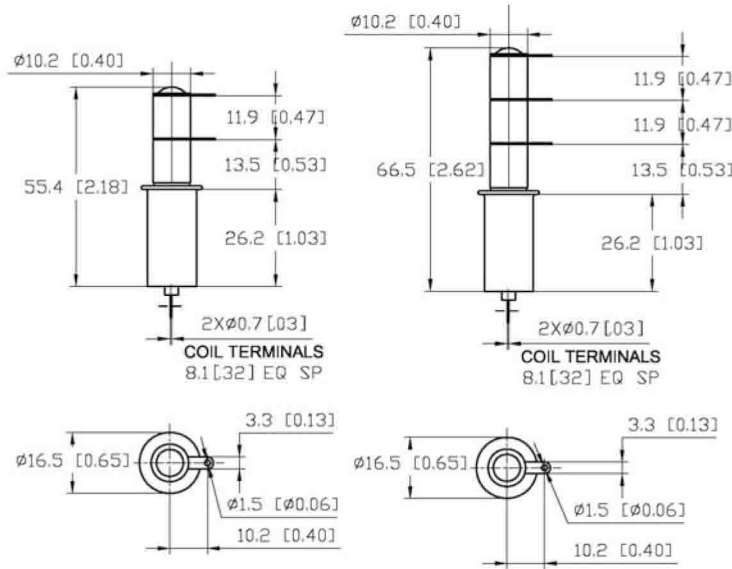


High Voltage Relays: GL43A -GL43B-GL43C



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
- Meets or exceeds standards set in MIL-R-83725
- 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, Norminal	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	$^{\circ}$ 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 ($\Omega \pm 10\%$)	70	290	4700
* Ratings listed are for 25 $^{\circ}$ 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			