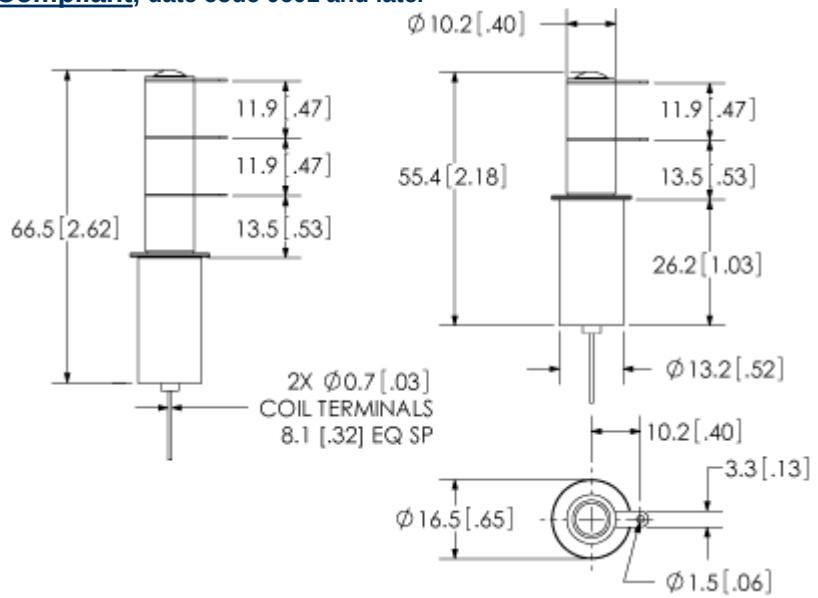
G43A - G43B - G43C 10 kV

Make & Break Load Switching

RoHS Compliant, date code 0601 and later



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.

See Mounting & Coil Terminations for additional Options

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G43A	G43B	G43C
Contact Form		A	B	C
Contact Arrangement		SPST-NO	SPST-NC	SPDT
Voltage, Test Max., Contacts & to Base(15 µA Leakage Max., dc or 60Hz)	kV Peak	11	11	11
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)				
dc or 60 Hz	kV Peak	10	10	10
2.5 MHz	kV Peak	7	7	7
16 MHz	kV Peak	6	6	6
32 MHz	kV Peak	4	4	4
Current, Continuous Carry Max				
dc or 60 Hz	Amps	25	25	25
2.5 MHz	Amps	20	20	20
16 MHz	Amps	13	13	13
32 MHz	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	ms	10	10	10
Release Time	ms	10	10	10
Life, Mechanical	cycles	2 million	2 million	2 million
Weight, Nominal	g (oz)	28 (1)	28 (1)	28 (1)
Vibration, Operating, Sine (55-2000 Hz Peak)	G's	10	10	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	50	50	50
Temperature Ambient Operating	°C	-55 to +125	-55 to +125	-55 to +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 (Ohms ±10%)	70	290	4700

Ratings listed are for 25°C, sea level conditions

For more information, refer to **Relay User Instructions**

G43 A 3 3 4

Contact Form
A = SPST-NO
B = SPST-NC
C = SPDT

Coil Voltage
2 = 12 Vdc, Bus Wire
3 = 26.5 Vdc, Bus Wire
5 = 115 Vdc, Bus Wire
7 = 12 Vdc, Turret Terminal
8 = 26.5 Vdc, Turret Terminal
9 = 115 Vdc, Turret Terminal

High Voltage Connections
3 = Solder Connection

Mounting
2 = Flanged
4 = Standard

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