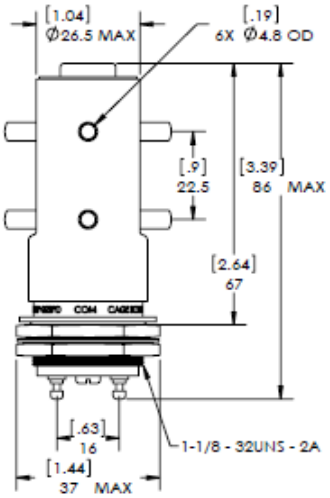
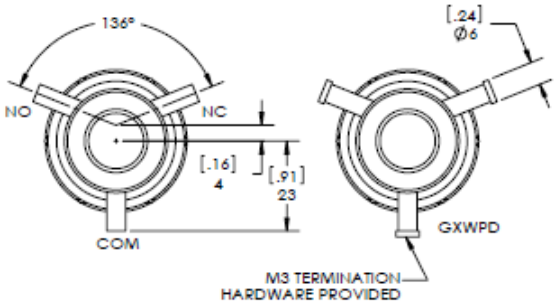
G2SPD - G8SPD - G15SPD 15 kV

RoHS Compliant



FEATURES

- Space efficient design.
- Three versions offer different capabilities.
- Easy to mount threaded base.
- User interchangeable coils.
- Meets or exceeds standard in MIL-R-83725.



PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G2SPD	G8SPD	G15SPD
Contact Form		C	C	C
Contact Arrangement		DPDT	DPDT	DPDT
Contact Material (moveable/stationary)		molybdenum /copper	molybdenum /tungsten	molybdenum /tungsten
Dielectric		vacuum	vacuum	gas mixture
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	17	17	17
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)				
dc or 60 Hz	kV Peak	15	15	15
2.5 MHz	kV Peak	12	12	-
16 MHz	kV Peak	9	9	-
32 MHz	kV Peak	7	7	-
Current, Load Switching (make & break 10A @ 150Vdc)	cycles	500	10,000	make only**
Current, Continuous Carry Max				
dc or 60 Hz	Amps	50	30	12
2.5 MHz	Amps	30	18	-
16 MHz	Amps	17.5	10	-
32 MHz	Amps	12	6	-
Coil Hi-Pot (V RMS, 60 Hz)	V	500	500	500
Capacitance				
Across Open Contacts	pF	1	1	-
Contacts to Ground	pF	2.5	2.5	-
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.012	0.025	1
Operate Time	ms	20	20	20
Release Time	ms	8	8	8
Life, Mechanical	cycles	1 million	1 million	1 million
Weight, Nominal	g (oz)	160 (6)	160 (6)	160 (6)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10	10	10
Shock, Operating, 1/2 Sine11ms (Peak)	G's	1.5	1.5	1.5
Temperature Ambient Operating	°C	-55 to +125	-55 to +125	-55 to +125

** Consult factory.

COIL RATINGS

Nominal, Volts dc	12	26.5
Pick-up, Volts dc, Max.	8	16
Drop-Out, Volts dc	.5 - 5	1 - 10
Coil Resistance (Ohms ±10%)	60	285

Ratings listed are for 25°C, sea level conditions

For more information, refer to
Relay User Instructions

G 2 S P D- 12Vdc

Model
2
8
15

High Voltage/ Power Terminal Connections
S = Solder Pot
W = Screw

Mounting
P = Through Panel

Form
D = DPDT

Coil Voltage*
Blank = 26.5 Vdc
12Vdc = 12 Vdc

*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.

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