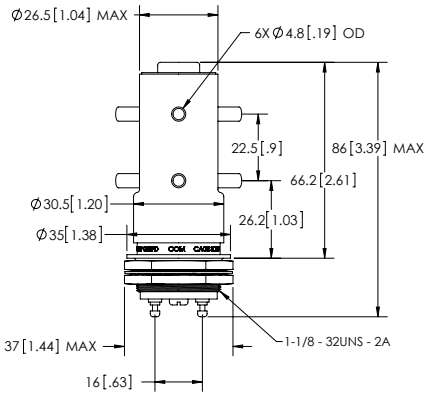
GIGAVAC®
ADVANCED SWITCHING SOLUTIONS

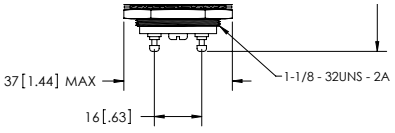
15kV DPDT HV Relay
Double Pole Double Throw

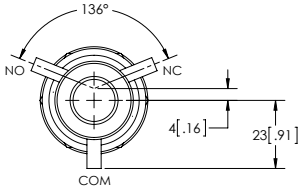
G15SPD

FEATURES

- Gas dielectric excellent for effectively bounceless make load applications
- Small footprint provides space efficient design
- Mounting options in any axis
- Solder or convenient threaded HV connections







PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G15SPD
Contact Form		2C
Contact Arrangement		DPDT
Contact Material (moveable/stationary)		molybdenum /tungsten
Dielectric		Inert Gas
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max.) dc or 60Hz	kV Peak	17
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.) dc or 60 Hz	kV Peak	15
Current, Load Switching		Contact factory**
Current, Continuous Carry Max dc or 60 Hz	Amps	12
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Resistance, Contact Max @ 1A, 28 Vdc	ohms	1.0
Operate Time	ms	20
Release Time	ms	8
Life, Mechanical	cycles	1 million
Weight, Nominal	g (oz)	160 (6)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine11ms (Peak)	G's	50
Temperature Ambient Operating	°C	-55 to +125

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

PART NUMBER SYSTEM

G15SPD	S	P	
High Voltage/ Power Terminal Connections	**S** = Solder Pot **W** = Screw		
Mounting		**P** = Through Panel	
Coil Voltage*			**D** = 26.5 Vdc **D-12Vdc** = 12Vdc

* 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.

** Consult factory for load switching applications.

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