GIGAVAC®
ADVANCED SWITCHING SOLUTIONS

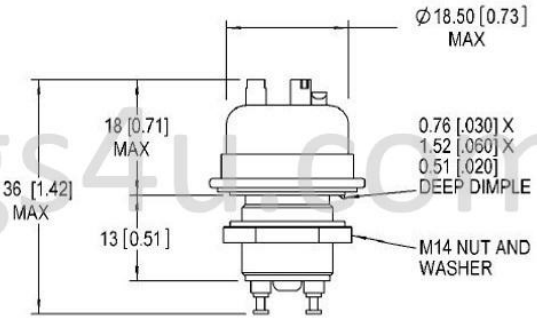
3.5kV SPDT HV Relay
Single Pole Double Throw | **GH3**

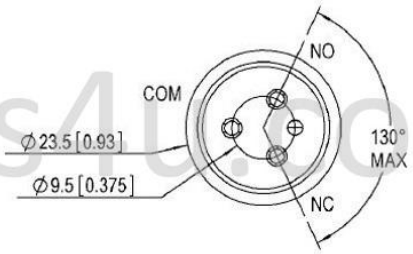
FEATURES

- **Tungsten contacts improve power performance****
- **Mounting options in any axis**
- **Short compact design for tight fit applications**

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	GH3
Contact Form		C
Contact Arrangement		SPDT
Contact Material (moveable/stationary)		molybdenum /tungsten
Dielectric		Vacuum
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max.) dc or 60Hz	kV Peak	5
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.) dc or 60 Hz	kV Peak	3.5
Current, Load Switching		Contact factory**
Current, Continuous Carry Max dc or 60 Hz	Amps	18
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.02
Operate Time	ms	6
Release Time	ms	6
Life, Mechanical	cycles	2 million
Weight, Nominal	g (oz)	28 (1)
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	115
Pick-up, Volts dc, Max.	8	16	80
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	80	335	6000

PART NUMBER SYSTEM

GH3	
High Voltage/Power Terminal Connections	
Coil Voltage*	**Blank** = 26.5 Vdc **-12Vdc** = 12Vdc **-115Vdc** = 115Vdc

* 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.

Ordering Information:

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