



## FEATURES

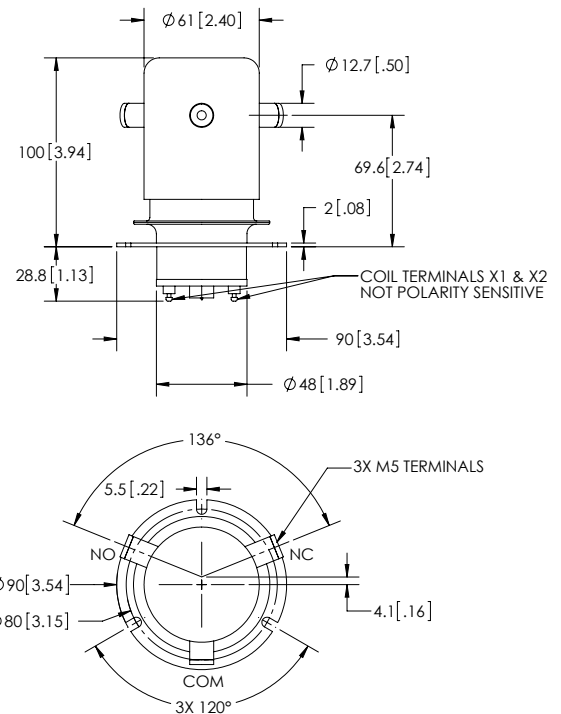
- > High current carry in a small package
- > Tungsten contacts improve load switching capability\*\*
- > Mounting options in any axis
- > Threaded HV terminals provide easy and secure connection

## PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G50
<b>Contact Form</b>		C
<b>Contact Arrangement</b>		SPDT
Contact Material (moveable/stationary)		molybdenum /tungsten
Dielectric		Vacuum
<b>Voltage, Test Max., Contacts &amp; to Base (15 µA Leakage Max.)</b> dc or 60Hz	kV Peak	30
<b>Voltage, Operating Max., Contacts &amp; to Base (15 µA Leakage Max.)</b> dc or 60 Hz	kV Peak	25
<b>Current, Load Switching</b>		Contact factory**
<b>Current, Continuous Carry Max</b>	Amps	110
<b>Coil Hi-Pot (V RMS, 60 Hz)</b>	V	500
<b>Capacitance</b>		
Across Open Contacts	pF	5
Contacts to Ground	pF	5
<b>Resistance, Contact Max @ 1A, 28 Vdc</b>	ohms	0.005
<b>Operate Time</b>	ms	100
<b>Release Time</b>	ms	15
<b>Life, Mechanical</b>	cycles	1 million
<b>Weight, Nominal</b>	g (oz)	1000 (35)
<b>Vibration, Operating, Sine (55-500 Hz Peak)</b>	G's	10
<b>Shock, Operating, 1/2 Sine11ms (Peak)</b>	G's	30
<b>Temperature Ambient Operating</b>	°C	-55 to +125
<b>Maximum Terminal Temperature</b>	°C	200

## 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%)	15	60



## PART NUMBER SYSTEM

G50	W	F	
<b>High Voltage/Power Terminal Connections</b>	W = Screw		
<b>Mounting</b>		F = Flange	
<b>Coil Voltage*</b>			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.

\*\* Consult factory for load switching applications.