

## **FEATURES**

- Compact design saves precious space while isolating 35kV
- > Flying leads provide versatile high voltage connections
- Excellent for capacitive discharge and safety dump switch applications\*
- > Effectively bounce free operation



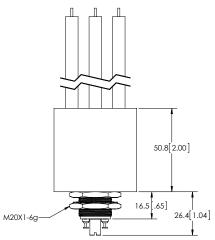
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Contact & Relay Ratings	Units	G61		
Contact Form		С		
Contact Arrangement		SPDT		
Contact Material (moveable/stationary)		molybdenum /tungsten		
Dielectric		Inert Gas		
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	40		
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)				
dc	kV Peak	35		
60 Hz RMS	kV Peak	30		
<b>Current, Continuous Carry Max</b>				
dc or 60 Hz	Amps	10*		
Coil Hi-Pot (V RMS, 60 Hz)	V	500		
Resistance, Contact Max @ 1A, 28 Vdc	ohms	1.0		
Operate Time	ms	15		
Release Time	ms	15		
Life, Mechanical	cycles	1 million		
Weight, Nominal	g (oz)	336 (12)		
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10		
Shock, Operating, 1/2 Sine11ms (Peak)	G's	20		
Temperature Ambient Operating	°C	-55 to +85		

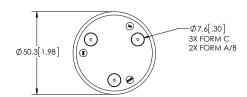
<sup>\*</sup>Consult factory for load switching applications.

## **COIL RATINGS**

Nominal, Volts dc	12	26.5	115
Pick-up, Volts dc, Max.	9	18	90
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	30	125	2000







## **PART NUMBER SYSTEM**

G61C	7	4	1
Coil Voltage	7 = 12 Vdc, Turret Terminal 8 = 26.5 Vdc, Turret Terminal 9 = 115 Vdc, Turret Terminal		
High Voltage Connections		4 = Flying Leads, 12" 7 = Flying Leads, 72" 8 = Flying Leads, 36"	
Mounting			1 = Threaded

Ratings listed are for 25°C, sea level conditions