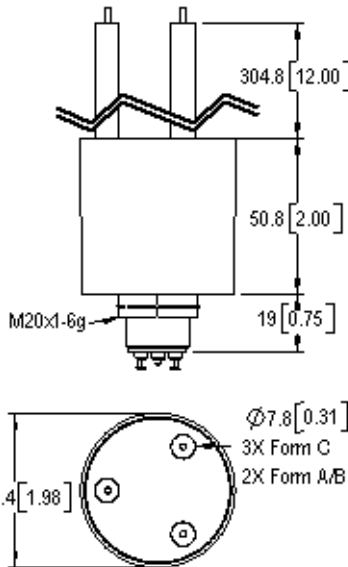


G71A - G71B - G71C

70 kV

Make Only Load Switching
RoHS Compliant



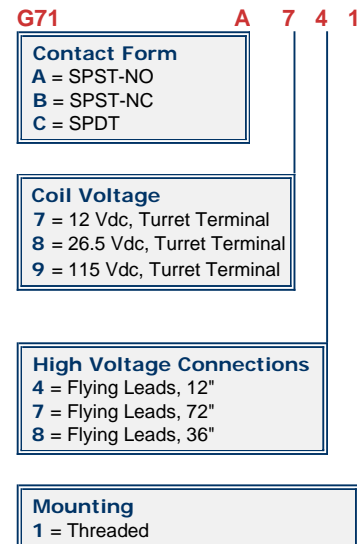
FEATURES	
G71A & G71B	
•	Sealed 70 kV isolation in about 6.3 cubic inch (100 cubic cm) package - your will be system the smallest in the industry!
•	SF-6 gas filled for capacitive discharge with no x-ray emissions
•	Pre-tinned, optional length, high voltage leads making installation easy fast and easy
•	Great for charging & discharging capacitors with no bounce under load
•	GIGAVAC exclusive replaceable coils
G71C	
•	Same great features as the G71A and G71B
•	Double Throw (SPDT) for polarity reversal and multiple power source switching

PRODUCT SPECIFICATIONS					
Contact & Relay Ratings	Units	G71A	G71B	G71C	
Contact Form		A	B	C	
Contact Arrangement		SPST-NO	SPST-NC	SPDT	
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max, dc or 60Hz)	kV Peak	75	75	75	
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.)					
dc	kV Peak	70	70	70	
60 Hz RMS	kV Peak	30	30	30	
2.5 MHz	kV Peak	-	-	-	
16 MHz	kV Peak	-	-	-	
32 MHz	kV Peak	-	-	-	
Current, Continuous Carry Max					
dc or 60 Hz	Amps	10	10	10	
2.5 MHz	Amps	-	-	-	
16 MHz	Amps	-	-	-	
32 MHz	Amps	-	-	-	
Coil Hi-Pot (V RMS, 60 Hz)	V	500	500	500	
Capacitance					
Across Open Contacts	pF	-	-	-	
Contacts to Ground	pF	-	-	-	
Resistance, Contact Max @ 1A, 28 Vdc	ohms	2.0*	2.0*	2.0*	
Operate Time	ms	20	20	20	
Release Time	ms	15	15	15	
Life, Mechanical	cycles	.5 million	.5 million	.5 million	
Weight, Nominal	g (oz)	336 (12)	336 (12)	336 (12)	
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10	10	10	
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	20	20	20	
Temperature Ambient Operating	°C	-50 to +85	-50 to +85	-50 to +85	

COIL RATINGS			
Nominal, Volts dc	12	26.5	115
Pick-up, Volts dc, Max.	9	22	90
Drop-Out, Volts dc	0.5-5	1-10	5-50
Coil Resistance (Ohms ±10%)	18	75	1300

Ratings listed are for 25°C, sea level conditions

For more information, refer to
[Relay User Instructions](#)



*Contact resistance for gas-filled measured at 28 Vdc, 1 Amp

09/06/11

