

FEATURES

- > Tungsten contacts improve hot load switching
- > Contact GIGAVAC Applications Support for load capability
- > Can be mounted in any position, any axis
- > PCB and panel mount versions

PRODUCT SPECIFICATIONS

Contact & Relay Ratings	Units	G81
Contact Form		A
Contact Arrangement		SPST-NO
Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	kV Peak	11
Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.) - dc or 60 Hz	kV Peak	10
Current, Continuous Carry Max - dc or 60 Hz	Amps	5, 20 or 30 ^{*(1)}
Resistance, Contact Max @ 1A, 28 Vdc	ohms	0.03
Operate Time	ms	10
Release Time	ms	10
Life, Mechanical	cycles	2 million
Weight, Nominal	g (oz)	56 (2 oz)
Vibration, Operating, Sine (55-500 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	30
Temperature Ambient Operating	°C	-55 to +85

* Consult factory for load switching applications.

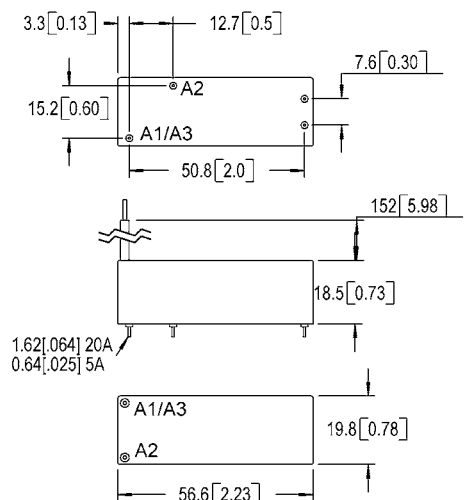
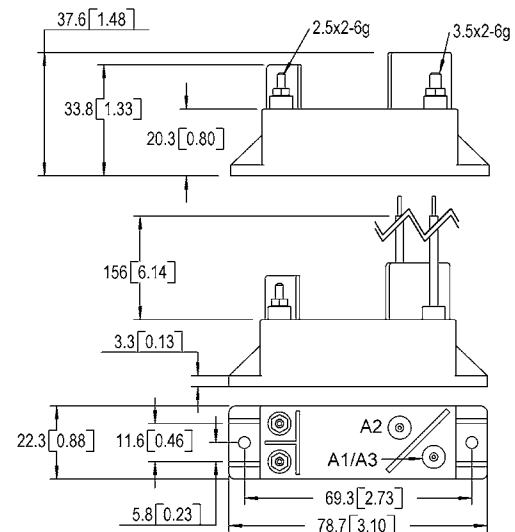
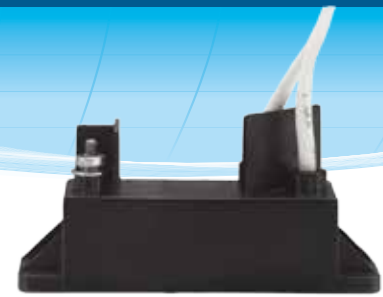
COIL RATINGS

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%)	70	290	4700

Ratings listed are for 25°C, sea level conditions

PART NUMBER SYSTEM

G81A	3	3	5
Coil Voltage	2 = 12 Vdc, PC Pins 3 = 26.5 Vdc, PC Pins 5 = 115 Vdc, PC Pins A = 12 Vdc, Panel Mount B = 26.5 Vdc, Panel Mount C = 115 Vdc, Panel Mount		
High Voltage Connections		A(2) = PCB Pins - 20 Amp 3 = PCB Pins - 5 Amp 4 = Flying Leads 5 = Stud Terminals	
Mounting			5 = PC Board 7 = Panel Mount



(1) PC pin versions carry 5 or 20 amps, see part number system. Flying lead and panel versions carry 30 amps.

(2) PCB Power terminals diameters:
A version, 20 amp, = 1.62mm
3 version, 5 amp = 0.64mm