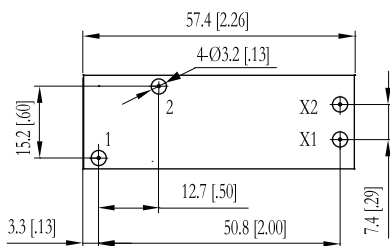


V81A,V81B

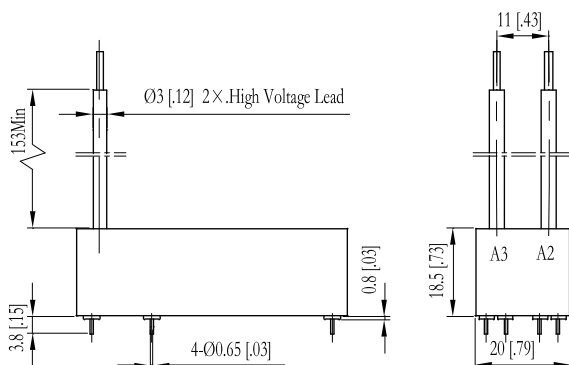
Make & Break Load Switching — 10 kV Relays

PRODUCT FEATURES

- Tungsten Contacts for better hot load switching
- PCB or flying leads mount for high voltage connections
- Totally sealed, suitable for test equipment



Coil Terminals X1&X2
Not Polarity Sensitive



Notes:

- * (1). PC pin versions carry 5 or 10 Amps, see part number at right.
Flying lead and panel versions carry 10 Amp.
- * (2). Power terminal on 10 Amp version is a larger diameter than on the 5 Amp version (0.65mm = 5 Amp, 1.62mm = 10 Amp).

PRODUCT SPECIFICATIONS

Item	Unit	V81A	V81B
Contact Form	—	A	B
Contact Arrangement	—	SPST-NO	SPST-NC
Test Voltage, DC or 60Hz (Peak)	kV	11	
Rated Operating Voltage (Peak) DC or 60 Hz	kV	10	
Continuous Carry Current, Max. DC or 60 Hz	A	5 10*(1)	
Contact Resistance Max	Ω	0.03	
Operate Time Max.	ms	10	
Release Time Max.	ms	10	
Operating Temperature Ambient	°C	-55 ~ +85	
Shock ,11ms, 1/2 Sine (Peak)	G's	30	
Vibration, Peak (50-500 Hz)	G's	10	
Mechanical Life,	Cycles	2 million	
Weight, Nominal	g(oz)	56.7(2)	

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 (Ω ±10%)	70	290	4700

Ratings Listed are for 25°C, Sea Level Conditions

ORDERING INFORMATION

Sample Part Number

V81 B 3 4 5

Series:

Contact Form:

A = SPST-NO B = SPST-NC

Coil Voltage:

2 = 12 Vdc, PC Board 3 = 26.5 Vdc, PC Board

5 = 115 Vdc, PC Board

A = 12 Vdc, Stud Terminals, Panel Mount

B = 26.5 Vdc, Stud Terminals, Panel Mount

C = 115 Vdc, Stud Terminals, Panel Mount

High Voltage Connections:

A*(2) = PCB Solder Connection — 10 Amp

3 = PCB Solder Connection — 5 Amp

4 = Flying Leads 5 = Stud Terminals

Mounting:

5 = PC Board 7 = Panel Mount