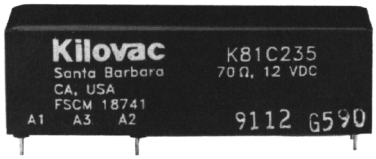
Kilovac K81C *Make & Break Load Switching*





Features:

- SPDT version of K81
- Vacuum dielectric for power switching low current loads
- Flying Lead version will carry 10 Amps continuous current
- PCB mount version will carry 5 Amps continuous current

PRODUCT SPECIFICATIONS

Part Number	Units	K81C
Contact Arrangement		SPDT
Contact Form		C
Test Voltage (dc or 60Hz)	kV Peak	11
Rated Operating Voltage	kV Peak	
dc or 60 Hz		10
2.5 MHz		-
16 MHz		-
32 MHz		-
Continuous Carry Current , Maximum	Amps	
dc or 60 Hz		5
2.5 MHz		-
16 MHz		-
32 MHz		-
Coil Hi-Pot (V RMS, 60 Hz)		NA
Contact Capacitance	pF	
Between Open Contacts		-
Open Contacts to Ground		-
Contact Resistance, Maximum	ohms	0.05
Operate Time, Maximum	ms	10
Release Time, Maximum	ms	10
Shock, 11 ms 1/2 Sine	Peak G's	30
Vibration, 10 G's Peak	Hz	55-500
Operating Ambient Temperature Range	°C	-55 to +85
Mechanical Life (Operations x 10^6)	Cycles	2
Weight, Nominal	oz.	2.5

COIL DATA

Nominal, Volts dc	12	26.5	115
Pickup, Volts dc, Maximum	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 SELECTION

Sample Part No. **K81** | C | 3 | 3 | 5

Contact Form
- C = SPDT

Coil Voltage
- 2 = 12 Vdc, PC Board
- 3 = 26.5 Vdc, PC Board
- 5 = 115 Vdc, PC Board

High Voltage Connections
- 3 = PCB Solder Connection
- 4 = Flying Leads

Mounting
- 5 = PC Board