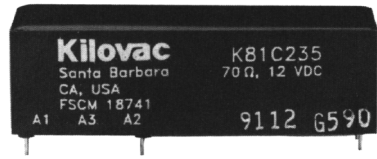


**Kilovac K81C** Make & Break Load Switching



**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 <sup>6</sup> ) .....	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