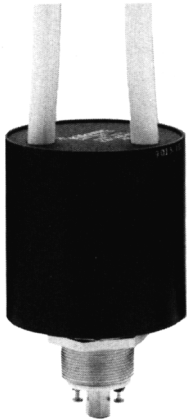


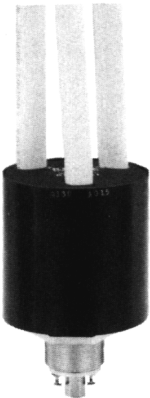
**Kilovac K61A, K61B Make Only**



**Features:**

- SF-6 gas-filled relay excellent for capacitive discharge applications
- Widely used in test equipment and medical instruments
- Fully operable in air and suitable for adverse environments

**Kilovac K61C Make Only**



**Features:**

- 35 kV rating in compact, durable package
- SF-6 gas-filled relay excellent for capacitive discharge applications
- SPDT version of K61

PRODUCT SPECIFICATIONS				
Part Number	Units	K61A	K61B	K61C
Contact Arrangement .....		SPST-NO	SPST-NC	SPDT
Contact Form .....		A	B	C
Test Voltage (dc or 60Hz) .....	kV Peak	40	40	40
Rated Operating Voltage .....	kV Peak			
dc or 60 Hz .....		35	35	35
2.5 MHz .....		-	-	-
16 MHz .....		-	-	-
32 MHz .....		-	-	-
Continuous Carry Current , Maximum .....	Amps			
dc or 60 Hz .....		10	10	10
2.5 MHz .....		-	-	-
16 MHz .....		-	-	-
32 MHz .....		-	-	-
Coil Hi-Pot (V RMS, 60 Hz) .....		500	500	500
Contact Capacitance .....	pF			
Between Open Contacts .....		-	-	-
Open Contacts to Ground .....		-	-	-
Contact Resistance, Maximum .....	ohms	1.0*	1.0*	1.0*
Operate Time, Maximum .....	ms	15	15	15
Release Time, Maximum .....	ms	15	15	15
Shock, 11 ms 1/2 Sine .....	Peak G's	20	20	20
Vibration, 10 G's Peak .....	Hz	55-500	55-500	55-500
Operating Ambient Temperature Range .....	°C	-55 to +85	-55 to +85	-55 to +85
Mechanical Life (Operations x 10 <sup>6</sup> ) .....	Cycles	1	1	1
Weight, Nomi-	oz.	12	12	12

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

COIL DATA			
Nominal, Volts dc	12	26.5	115
Pickup, Volts dc, Maximum	9	18	90
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	30	125	2000

Ratings listed are for 25°C, sea level conditions

**PART NUMBER SELECTION**

Sample Part Number **K61** A 7 4 1

Contact Form  
A = SPST-NO  
B = SPST-NC  
C = SPDT

Coil Voltage  
7 = 12 Vdc, Turret Terminal  
8 = 26.5 Vdc, Turret Terminal  
9 = 115 Vdc, Turret Terminal

High Voltage Connections  
4 = Flying Leads, 12"  
7 = Flying Leads, 72"  
8 = Flying Leads, 36"

Mounting  
1 = Threaded