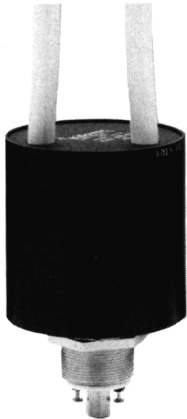


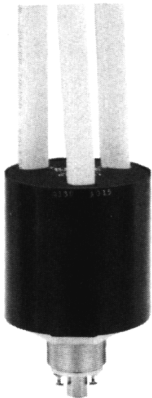
Kilovac K61A, K61B Make Only



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 ⁶)	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					