

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		Α	В	С	
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 106)	Cycles	1	1	1	
Weight, Nomi-	oz.	12	12	12	

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		
Detines listed are for 25°C and level conditions					

Ratings listed are for 25°C, sea level condition

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

^{*} Contact resistance for gas-filled relays measured at 28 Vdc, 1 Amp