

## Kilovac K62A, K62B Make & Break Load Switching



## Features:

- 25 kV relay with flying leads for ease of installation
- Vacuum dielectric and tungsten contacts for power switching low current loads
- · Fully operable in air
- Meets requirements of MIL-R-83725

## Kilovac K62C Make & Break Load Switching



## Features:

- · SPDT version of K62
- Vacuum dielectric for power switching low current loads
- · Fully operable in air
- · Carries 18 Amps continuous current
- Meets requirements of MIL-R-83725

PRODUCT SPECIFICATIONS						
Part Number	Units	K62A	K62B	K62C		
Contact Arrangement		SPST-NO	SPST-NC	SPDT		
Contact Form		A	В	С		
Test Voltage (dc or 60Hz)	kV Peak	30	30	30		
Rated Operating Voltage	kV Peak					
dc or 60 Hz		25	25	25		
2.5 MHz		-	-	-		
16 MHz		_	-	-		
32 MHz		_	-	-		
Continuous Carry Current , Maximum	Amps					
dc or 60 Hz		18	18	18		
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	.50	.50	.50		
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 Nominal	07	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 - 55	
Coil Resistance (Ohms ±10%)	30	125	2400	

Ratings listed are for 25°C, sea level conditions.

PART NUMBER SELECTION
Sample Part Number K62 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