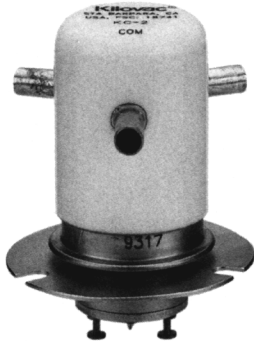


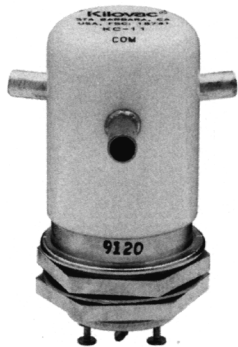
Kilovac KC-14 *Make & Break Load Switching*



Features:

- Specifically designed for load switching applications
- Can power switch and isolate loads
- Replaces Kilovac KC-8 & KC-12
- Internal shield allows base to be grounded for load switching below 500 Vdc
- Meets requirements of MIL-R-83725 and SAE ARD 50031 for power switching

Kilovac KC-18 *Make & Break Load Switching*



*HOT SWITCHING, RESISTIVE LOAD LIFE		
Voltage (Vdc)	Current (A)	Load Life (operations)
330	17	10,000
330	5	100,000
5,000	2	100,000
10,000	1	50,000

Ratings are for normally open contacts only. No testing has been performed on normally closed contacts

PRODUCT SPECIFICATIONS		
Part Number	Units	KC-14/KC18
Contact Arrangement		SPDT
Contact Form		C
Test Voltage (dc or 60Hz)	kV Peak	17
Rated Operating Voltage	kV Peak	
dc or 60 Hz		15
2.5 MHz		-
16 MHz		-
32 MHz		-
Continuous Carry Current , Maximum	Amps	
dc or 60 Hz		30
2.5 MHz		-
16 MHz		-
32 MHz		-
Coil Hi-Pot (V RMS, 60 Hz)		500
Contact Capacitance	pF	
Between Open Contacts		0.5
Open Contacts to Ground		1
Contact Resistance, Maximum	ohms	0.025
Operate Time, Maximum	ms	15
Release Time, Maximum	ms	9
Shock, 11 ms 1/2 Sine	Peak G's	50
Vibration, 10 G's Peak	Hz	50-500
Operating Ambient Temperature Range	°C	-55 to +125
Mechanical Life (Operations x 10 ⁶)	Cycles	1
Weight, Nomi-	oz.	3

SWITCHING UNDER LOAD	
Switching below or equal to 500V	
<ul style="list-style-type: none"> • Relay may be on the either side of the load, and the base may be floating or grounded. 	
Switching above 500V	
<ul style="list-style-type: none"> • Relay must be on the ground side of the load • Base must be grounded 	

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%)	48	180	2900

Ratings listed are for 25°C, sea level conditions

PART NUMBER SELECTION			
Sample Part No.	KC-	18	/12Vdc
Model	14		
	18		
Coil Voltage	Blank = 26.5 Vdc		
	/12Vdc = 12 Vdc		
	/115Vdc = 115 Vdc		