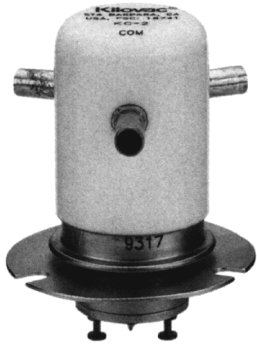


**Kilovac KC-2** No Load Switching  
**KC-8** Make & Break Load Switching



**Features:**

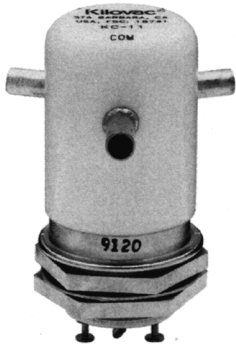
**KC-2**

- Vacuum dielectric for low and stable contact resistance
- Usable at frequencies above 32 MHz
- Carries 50 Amps at DC; 10 Amps at 32 MHz
- Not designed for power switching

**KC-8**

- Not recommended for new design. See KC-14 on page 45 for replacement.

**Kilovac KC-11** No Load Switching  
**KC-12** Make & Break Load Switching



**Features:**

**KC-11**

- Threaded base version of KC-2
- Vacuum dielectric for low leakage current applications

**KC-12**

- Not recommended for new design. See KC-18 on page 45 for replacement.
- Vacuum dielectric for power switching low current loads

**PRODUCT SPECIFICATIONS**

Part Number	Units	KC-2	KC-8	KC-11	KC-12
Contact Arrangement .....		SPDT	SPDT	SPDT	SPDT
Contact Form .....		C	C	C	C
Test Voltage (dc or 60Hz) .....	kV Peak	17	17	17	17
Rated Operating Voltage .....	kV Peak				
dc or 60 Hz .....		15	15	15	15
2.5 MHz .....		12	-	12	-
16 MHz .....		9	-	9	-
32 MHz .....		7	-	7	-
Continuous Carry Current , Maximum .....	Amps				
dc or 60 Hz .....		50	30	50	30
2.5 MHz .....		30	-	30	-
16 MHz .....		17	-	17	-
32 MHz .....		10	-	10	-
Coil Hi-Pot (V RMS, 60 Hz) .....		500	500	500	500
Contact Capacitance .....	pF				
Between Open Contacts .....		0.5	0.5	0.5	0.5
Open Contacts to Ground .....		1	1	1	1
Contact Resistance, Maximum .....	ohms	0.012	0.025	0.012	0.025
Operate Time, Maximum .....	ms	15	15	15	15
Release Time, Maximum .....	ms	9	9	9	9
Shock, 11 ms 1/2 Sine .....	Peak G's	50	50	50	50
Vibration, 10 G's Peak .....	Hz	55-500	55-500	55-500	55-500
Operating Ambient Temperature Range .....	°C	-55 to +125	-55 to +125	-55 to +125	-55 to +125
Mechanical Life (Operations x 10 <sup>6</sup> ) .....	Cycles	1	1	1	1
Weight, Nominal .....	oz.	3	3	3	3

**COIL DATA**

	12	26.5	115
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%)	KC-2 / KC-11	60	250
	KC-8 / KC-12	48	180
		3500	2900

Ratings listed are for 25°C, sea level conditions

**PART NUMBER SELECTION**

Sample Part No. **KC-** 2 /12Vdc  
 Model \_\_\_\_\_  
 2  
 8  
 11  
 12  
 Coil Voltage \_\_\_\_\_  
 Blank = 26.5 Vdc  
 /12Vdc = 12 Vdc  
 /115Vdc = 115 Vdc