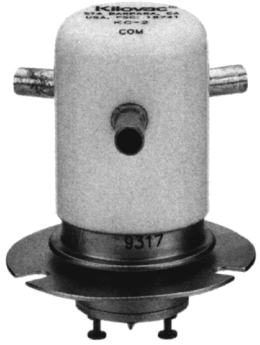
Kilovac KC-2 *No Load Switching*
KC-8 *Make & Break Load Switching*

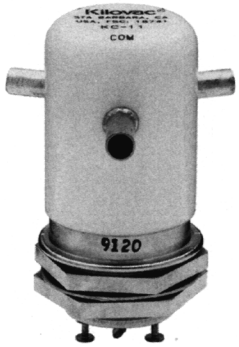


Features:

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 10^6)	Cycles	1	1	1	1
Weight, Nominal	oz.	3	3	3	3

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