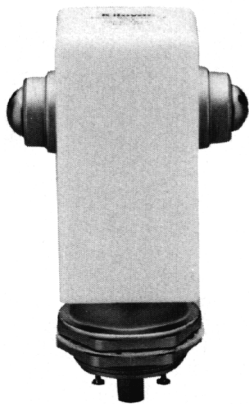


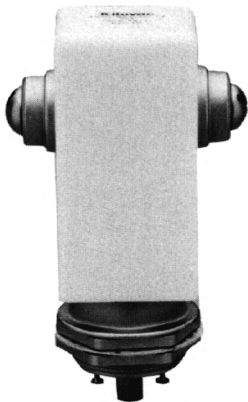
**Kilovac KC-20** *No Load Switching*



**Features:**

- Rugged, high current carry ceramic relay
- Carries 30 Amps at 32 MHz
- Copper contacts; not designed for power switching
- Meets requirements of MIL-R-83725

**Kilovac KC-30** *No Load Switching*



**Features:**

- Normally closed version of KC-20
- Carries 55 Amps DC
- Vacuum dielectric for low leakage current applications

PRODUCT SPECIFICATIONS			
Part Number	Units	KC-20	KC-30
Contact Arrangement .....		SPST-NO	SPST-NC
Contact Form .....		X	Y
Test Voltage (dc or 60Hz) .....	kV Peak	30	28
Rated Operating Voltage .....	kV Peak		
dc or 60 Hz .....		28	25
2.5 MHz .....		22	22
16 MHz .....		12	10
32 MHz .....		10	9
Continuous Carry Current , Maximum .....	Amps		
dc or 60 Hz .....		110	55
2.5 MHz .....		60	30
16 MHz .....		40	20
32 MHz .....		30	15
Coil Hi-Pot (V RMS, 60 Hz) .....		500	500
Contact Capacitance .....	pF		
Between Open Contacts .....		2.5	2.5
Open Contacts to Ground .....		2.5	2.5
Contact Resistance, Maximum .....	ohms	0.005	0.01
Operate Time, Maximum .....	ms	18	18
Release Time, Maximum .....	ms	10	20
Shock, 11 ms 1/2 Sine .....	Peak G's	30	30
Vibration, 10 G's Peak .....	Hz	55-500	55-500
Operating Ambient Temperature Range .....	°C	-55 to +125	-55 to +125
Mechanical Life (Operations x 10 <sup>6</sup> ) .....	Cycles	2	2
Weight, Nominal .....	oz.	12	12

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%)	24	120	2000

Ratings listed are for 25°C, sea level conditions

**PART NUMBER SELECTION**

Sample Part No. **KC - 20 /12Vdc**  
 Model \_\_\_\_\_  
 KC-20 \_\_\_\_\_  
 KC-30 \_\_\_\_\_  
 Coil Voltage \_\_\_\_\_  
 Blank = 26.5 Vdc  
 /12Vdc = 12 Vdc  
 /115Vdc = 115 Vdc