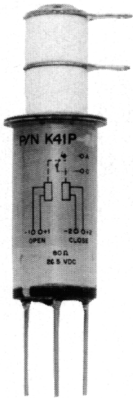


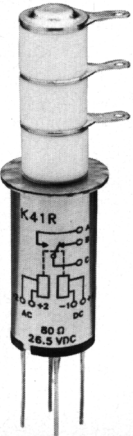
**Kilovac K41P** *Make & Break Load Switching*



**Features:**

- Fast, 6 millisecond operate time
- Vacuum dielectric for power switching low current loads
- Latching actuator for low power consumption
- Ideal for frequency agile communication systems
- Meets requirements of MIL-R-83725
- QPL version available, M83725/24

**Kilovac K41R** *Make & Break Load Switching*



**Features:**

- Latching actuator for low power consumption
- Vacuum dielectric for power switching low current loads
- Meets requirements of MIL-R-83725
- Latching version of K41C

**PRODUCT SPECIFICATIONS**

Part Number	Unit	K41P	K41R
Contact Arrangement .....		SPST-Latching	SPDT-Latching
Contact Form .....		P	R
Test Voltage (dc or 60Hz) .....	kV Peak	6	6
Rated Operating Voltage .....	kV Peak		
dc or 60 Hz .....		5	5
2.5 MHz .....		4.5	4.0
16 MHz .....		3.5	3.2
32 MHz .....		2.8	2.5
Continuous Carry Current , Maximum .....	Amps		
dc or 60 Hz .....		25	25
2.5 MHz .....		20	20
16 MHz .....		13	13
32 MHz .....		10	10
Coil Hi-Pot (V RMS, 60 Hz) .....		500	500
Contact Capacitance .....	pF		
Between Open Contacts .....		1.2	1.6
Open Contacts to Ground .....		1.2	1.6
Contact Resistance, Maximum .....	Ohms	0.02	0.02
Operate Time, Maximum .....	ms	6	6
Release Time, Maximum .....	ms	NA	NA
Shock, 11 ms 1/2 Sine .....	G's Peak	50	30
Vibration, 10 G's Peak .....	Hz	55-2000	55-2000
Operating Ambient Temperature Range .....	°C	-55 to +125	-55 to +125
Mechanical Life (Operations x 10 <sup>6</sup> ) .....	cycles	1	1
Weight, Nominal .....	oz	1	1

**COIL DATA**

Nominal, Volts dc	26.5
Reset & Latch, Volts dc, Max.	16
Drop-Out, Volts dc	N.A.
Coil Resistance (Ohms ±10%)	80

Ratings listed are for 25°C, sea level conditions

**PART NUMBER SELECTION**

Sample Part No. **K41** **P** **3** **3** **4**

Contact Form  
P = SPST-Latching  
R = SPDT-Latching

Coil Voltage  
3 = 26.5 Vdc, Bus Wire

High Voltage Connections  
3 = Solder Connection

Mounting\*  
2 = Flanged  
4 = Standard

\* See page 58 for mounting methods