

Kilovac K43P *Make & Break Load Switching*



Features:

- High power rating; 24 Amps DC continuous current carry
- Vacuum dielectric for power switching low current loads
- Low power consumption
- Fast operating: 5 millisecond operate time
- Meets requirements of MIL-R-83725

Kilovac K43R *Make & Break Load Switching*



Features:

- Single pole, double throw contacts with latching actuator
- Vacuum dielectric for power switching low current loads
- Carries 6 amps at 32 MHz
- Meets requirements of MIL-R-83725

PRODUCT SPECIFICATIONS			
Part Number	Units	K43P	K43R
Contact Arrangement		SPST-Latching	SPDT-Latching
Contact Form		P	R
Test Voltage (dc or 60Hz)	kV Peak	11	11
Rated Operating Voltage	kV Peak		
dc or 60 Hz		10	10
2.5 MHz		7	7
16 MHz		6	6
32 MHz		4	4
Continuous Carry Current , Maximum	Amps		
dc or 60 Hz		24	24
2.5 MHz		16	16
16 MHz		9	9
32 MHz		6	6
Coil Hi-Pot (V RMS, 60 Hz)		500	500
Contact Capacitance	pF		
Between Open Contacts		1.2	1.2
Open Contacts to Ground		1.2	1.2
Contact Resistance, Maximum	ohms	0.02	0.02
Operate Time, Maximum	ms	5	6
Release Time, Maximum	ms	NA	NA
Shock, 11 ms 1/2 Sine	Peak G's	30	30
Vibration, 7 G's Peak	Hz	55-2000	55-2000
Operating Ambient Temperature Range	°C	-55 to +125	-55 to +125
Mechanical Life (Operations x 10 ⁶)	Cycles	1	1
Weight, Nominal	oz.	1	1

COIL DATA	
Nominal, Volts dc	26.5
Latch & Reset, 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. **K43** **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