

Kilovac K44P Make & Break Load Switching



Features:

- Single pole, single throw contacts with latching actuator
- Vacuum dielectric for power switching low current loads
- 20 G vibration rating
- Carries 50 amps at DC
- Space rated versions available
- Meets requirements of MIL-R-83725

PRODUCT SPECIFICATIONS		
Part Number	Units	K44P
Contact Arrangement		SPST-Latching
Contact Form		P
Test Voltage (dc or 60Hz)	kV Peak	10
Rated Operating Voltage	kV Peak	
dc or 60 Hz		8
2.5 MHz		7
16 MHz		6
32 MHz		4
Continuous Carry Current , Maximum	Amps	
dc or 60 Hz		50
2.5 MHz		40
16 MHz		25
32 MHz		20
Coil Hi-Pot (V RMS, 60 Hz)		500
Contact Capacitance	pF	
Between Open Contacts		2.5
Open Contacts to Ground		2.8
Contact Resistance, Maximum	ohms	0.01
Operate Time, Maximum	ms	5
Release Time, Maximum	ms	NA
Shock, 11 ms 1/2 Sine	Peak G's	50
Vibration, 20 G's Peak	Hz	55-2000
Operating Ambient Temperature Range	°C	-55 to +85
Mechanical Life (Operations x 10 ⁶)	Cycles	1
Weight, Nominal	oz.	2.1

COIL DATA	
Nominal, Volts dc	26.5
Latch & Reset, Volts dc, Max.	23
Drop-Out, Volts dc	N/A
Coil Resistance (Ohms ±10%)	155

Ratings listed are for 25°C, sea level conditions

PART NUMBER SELECTION					
Sample Part No.	K44	P	3	3	4
Contact Form		P			
P =	SPST-Latching				
Coil Voltage			3		
3 =	26.5 Vdc, Bus Wire				
High Voltage Connections				3	
3 =	Solder Connection				
Mounting					4
2 =	Flanged				
4 =	Standard				

See page 58 for mounting methods