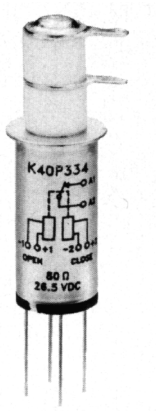
Kilovac K40P *Make & Break Load Switching*



Features:

- Vacuum dielectric for power switching low current loads
- Fast, 1 millisecond operate time
- Long life: 10 million cycles
- 35 Amps continuous current rating at dc; 8 Amps at 32 mHz
- Ideal for high power antenna couplers
- Meets requirements of MIL-R-83725

Kilovac K40P364 *Make & Break Load Switching*

Features:

- Double sided terminals for ease of connection to bus bar
- Vacuum dielectric for power switching low current loads
- Fast switching, high current capabilities
- Small and lightweight

PRODUCT SPECIFICATIONS

Part Number	Unit	K40P
Contact Arrangement		SPST-Latching
Contact Form		P
Test Voltage (dc or 60Hz)	kV Peak	6
Rated Operating Voltage	kV Peak	
dc or 60 Hz		5
2.5 MHz		4.5
16 MHz		3.5
32 MHz		2.8
Continuous Carry Current , Maximum	Amps	
dc or 60 Hz		35
2.5 MHz		21
16 MHz		14
32 MHz		8
Coil Hi-Pot (V RMS, 60 Hz)		500
Contact Capacitance	pF	
Between Open Contacts		1.2
Open Contacts to Ground		1.2
Contact Resistance, Maximum	Ohms	0.02
Operate Time, Maximum	ms	1
Release Time, Maximum	ms	N/A
Shock, 11 ms 1/2 Sine	G's Peak	50
Vibration, 30 G's Peak	Hz	55-2000
Operating Ambient Temperature Range	°C	-55 to +125
Mechanical Life (Operations x 10^6)	cycles	10
Weight, Nominal	oz	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. **K40** | P | 3 | 3 | 2 |

Contact Form
P = SPST-Latching
Coil Voltage
3 = 26.5 Vdc, Bus Wire
High Voltage Connections
3 = Solder Connection
6 = Double Sided Solder Connection
Mounting*
2 = Flanged
4 = Standard

* See page 58 for mounting methods