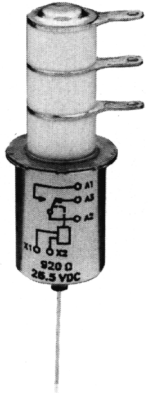


Kilovac K45C Make & Break Load Switching



Features:

- Small, low profile 5 kV relay
- Vacuum dielectric for power switching low current loads
- Single pole, double throw contacts
- Widely used in H.F. communication equipment
- Meets requirements of MIL-R-83725
- Low power consumption

PRODUCT SPECIFICATIONS		
Part Number	Unit	K45C
Contact Arrangement		SPDT
Contact Form		C
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		20
2.5 MHz		16
16 MHz		10
32 MHz		8
Coil Hi-Pot (V RMS, 60 Hz)		500
Contact Capacitance	pF	
Between Open Contacts		1.6
Open Contacts to Ground		2
Contact Resistance, Maximum	Ohms	0.05
Operate Time, Maximum	ms	10
Release Time, Maximum	ms	10
Shock, 11 ms 1/2 Sine	G's Peak	30
Vibration, 10 G's Peak	Hz	10-2000
Operating Ambient Temperature Range	°C	-55 to +125
Mechanical Life (Operations x 10 ⁶)	cycles	2
Weight, Nominal	oz	0.75

COIL DATA		
Nominal, Volts dc	12	26.5
Pickup, Volts dc, Maximum	8	16
Drop-Out, Volts dc	.5 - 5	1 - 10
Coil Resistance (Ohms ±10%)	230	920

Ratings listed are for 25°C, sea level conditions

PART NUMBER SELECTION

Sample Part No. **K45** **C** **3** **3** **4**

Contact Form _____
C = SPDT

Coil Voltage _____
2 = 12 Vdc, Bus Wire
3 = 26.5 Vdc, Bus Wire

High Voltage Connections _____
3 = Solder Connection

Mounting* _____
2 = Flanged
4 = Standard

* See page 58 for mounting methods