

**Kilovac KM-13** *Make Only Load Switching*



**Features:**

- Highly reliable SF-6 gas-filled relay for capacitive discharge applications
- Widely used as heart defibrillator patient relay
- Double pole, double throw contacts

**PRODUCT SPECIFICATIONS**

Part Number	Units	KM-13	
Contact Arrangement .....		DPDT	
Contact Form .....		2C	
Test Voltage (dc or 60Hz) .....	kV Peak	14	
Rated Operating Voltage .....	kV Peak		
dc or 60 Hz .....		7.5	
2.5 MHz .....		-	
16 MHz .....		-	
32 MHz .....		-	
Continuous Carry Current , Maximum .....	Amps		
dc or 60 Hz .....		10	
2.5 MHz .....		-	
16 MHz .....		-	
32 MHz .....		-	
Coil Hi-Pot (V RMS, 60 Hz) .....		500	
Contact Capacitance .....	pF		
Between Open Contacts .....		-	
Open Contacts to Ground .....		-	
Contact Resistance, Maximum .....	ohms	0.5*	
Operate Time, Maximum .....	ms	20	
Release Time, Maximum .....	ms	20	
Shock, 11 ms 1/2 Sine .....	G's Peak	10	
Vibration, 10 G's Peak .....	Hz	55-500	
Operating Ambient Temperature Range .....	°C	-20 to +65	
Mechanical Life (Operations x 10 <sup>6</sup> ) .....	cycles	0.1	
Weight, Nominal .....	oz.	6	

\* Contact resistance for gas-filled relays is measured at 28 Vdc, 1 amp

**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%)	12	48

Ratings listed are for 25°C, sea level conditions

**Coils are not for continuous duty**

**PART NUMBER SELECTION**

Sample Part No. **KM-**    
 Model \_\_\_\_\_  
 13

Coil Voltage \_\_\_\_\_  
 Blank = 12 Vdc  
 /26.5Vdc = 26.5 Vdc

For factory-direct application assistance, dial 800-253-4560, ext. 2053, or 805-220-2053.