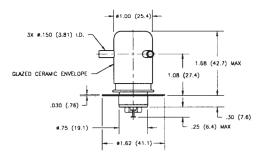
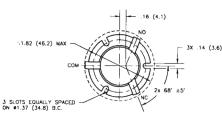


# KC Series Make & Break Load Switching — 15 kV Relays

# **KC-14**





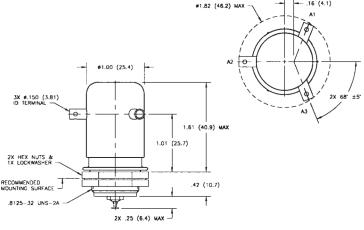


# **KC-18**

### **Product Facts for** KC-14 and KC-18

- Specifically designed for load switching applications
- Can power switch and isolate loads
- Replaces KILOVAC KC-8 and KC-12
- Meets requirements of MIL-R-83725





### **Product Specifications for** KC-14 and KC-18

**Contact Arrangement** — SPDT Contact Form —  $\mathbb C$ 

Test Voltage, DC or 60 Hz (Peak) -

Rated Operating Voltage (Peak) -DC or 60 Hz — 15 kV

Continuous Carry Current, Max. — DC or 60 Hz — 30 A

Coil Hi-Pot (Vrms, 60 Hz) - 500 A

Contact Capacitance -

Between Open Contacts — 0.5 pF Open Contacts to Ground — 1 pF

Contact Resistance, Max. — 0.025 ohm

Operate Time, Max. — 15 ms Release Time, Max. — 9 ms

For factory-direct application assistance, dial 800-253-4560, ext. 2055, or 805-220-2055.

# Shock, 11ms, 1/2 Sine (Peak) -

### Vibration —

Peak — 10 g (55 to 500 Hz)

**Operating Ambient Temperature** Range —  $-55^{\circ}$ C to  $+125^{\circ}$ C

Mechanical Life — 1 million cycles Weight, Nominal — 85 g (3 oz.)

## \*Hot Switching, Resistive Load Life

Voltage	Current	Load Life Operations
330 Vdc	17 Amps	10,000
330 Vdc	5 Amps	100,000
5,000 Vdc	2 Amps	100,000
10,000 Vdc	1 Amps	50,000

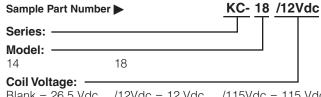
<sup>\*</sup>Ratings are for normally open contacts only. No testing has been performed on normally closed contacts.

#### **Coil Data**

Volts, Nominal DC	12 V	26.5 V	115 V
Pickup, Max.	8 Vdc	16 Vdc	80 Vdc
Dropout	.5-5 Vdc	1-10 Vdc	5-50 Vdc
Coil Resistance (±10%)	48 Ω	180 Ω	$2900 \Omega$

Ratings listed are for 25°C, sea level conditions

### **Ordering Information**



Blank = 26.5 Vdc/12Vdc = 12 Vdc/115 Vdc = 115 Vdc

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