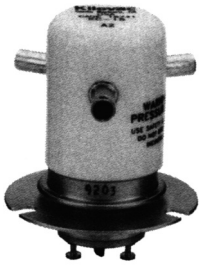
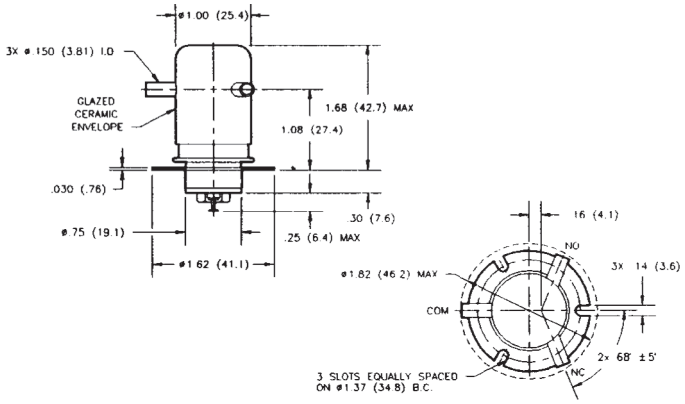
KC Series Make Only Load Switching — 15 kV Relays (Continued)

KC-15
Product Facts

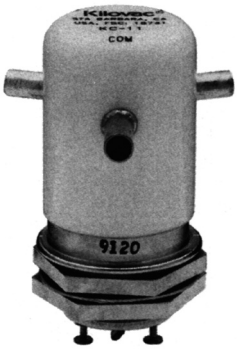
- SF-6 gas-filled for power switching on the "make"
- Long load life in capacitive discharge
- Recommended for ESD testing and safety interlock applications
- Meets requirements of MIL-R-83725

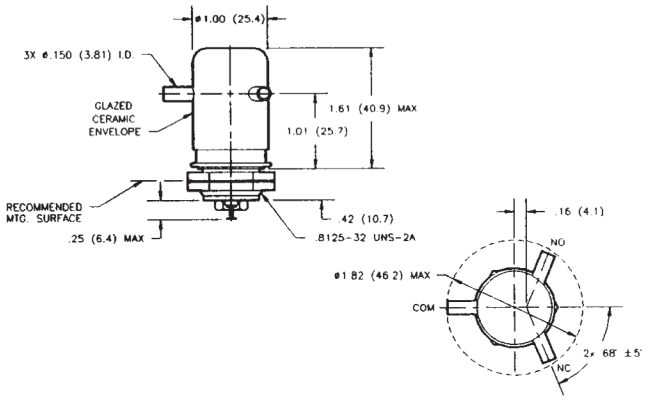




KC-16
Product Facts

- Threaded base version of KC-15
- SF-6 gas-filled for power switching on the "make"
- 15 kV rating
- Meets requirements of MIL-R-83725





Product Specifications for KC-15 and KC-16

Contact Arrangement — SPDT

Contact Form — C

Test Voltage, DC or 60 Hz (Peak) — 17 kV

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

Continuous Carry Current, Max. — DC or 60 Hz — 12 A
Coil Hi-Pot (Vrms, 60 Hz) — 500 A

Contact Capacitance —
Between Open Contacts — N/A
Open Contacts to Ground — N/A

Contact Resistance, Max. — 1.0 ohm*

Operate Time, Max. — 15 ms

Release Time, Max. — 9 ms

Shock, 11ms, 1/2 Sine (Peak) — 50 g

Vibration —
Peak — 10 g (55 to 500 Hz)

Operating Ambient Temperature Range — -55°C to +125°C

Mechanical Life — 1 million cycles

Weight, Nominal — 85 g (3 oz.)

Note:
*Contact resistance for gas-filled relays measured 28 Vdc, 1 Amp

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 Ω

Ratings listed are for 25°C, sea level conditions

Ordering Information

Sample Part Number ▶ **KC- 15 /12Vdc**

Series:

Model:
15
16

Coil Voltage:
Blank = 26.5 Vdc
/12Vdc = 12 Vdc
/115Vdc = 115 Vdc

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

Catalog 5-1773450-5
Revised 3-13

www.te.com

Dimensions are shown for reference purposes only. Specifications subject to change.

Dimensions are in millimeters unless otherwise specified.

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For additional support numbers please visit www.te.com

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