

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

KC-15

KC-16

Product Facts

■ 15 kV rating

MIL-R-83725

KC-15

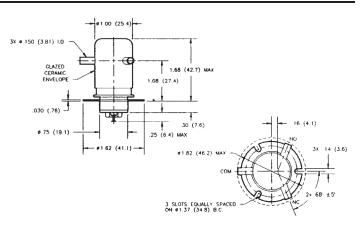
- **Product Facts** SF-6 gas-filled for power switching on the "make"
- Long load life in capacitive discharge
- Recommended for ESD testing and safety interlock applications
- Meets requirements of MIL-R-83725

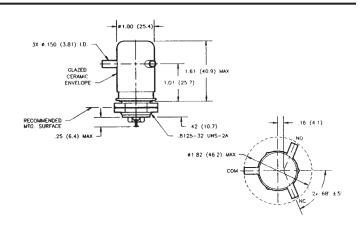
Threaded base version of

SF-6 gas-filled for power switching on the "make"

Meets requirements of







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)

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

Operating Ambient Temperature Range — -55°C to +125°C Mechanical Life — 1 million cycles Weight, Nominal — 85 g (3 oz.)

Note:

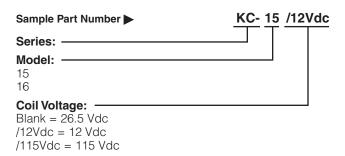
*Contact resistance for gas-filled relays measured 28 Vdc, 1 Amp

Coil Data

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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



KILOVAC High Voltage Relays

7-75

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.

USA: +1 800 522 6752 Asia Pacific: +86 0 400 820 6015 UK: +44 800 267 666 For additional support numbers

please visit www.te.com