

KC-Series — 25 kV Relays

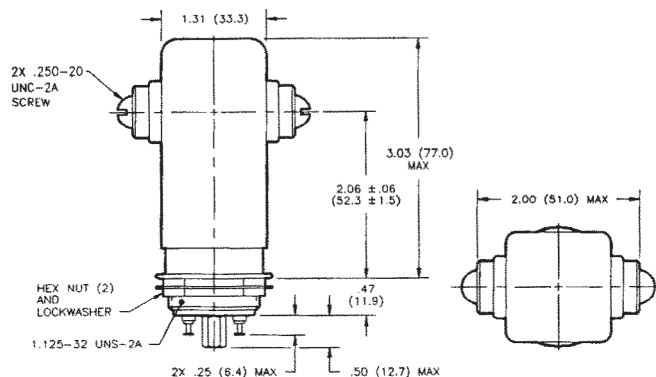
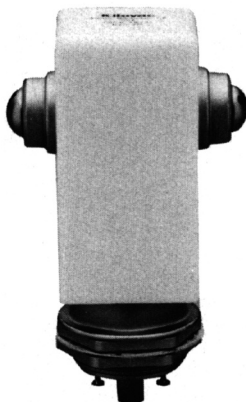
KC-22, KC-32 Make & Break Load Switching

Product Facts for KC-22

- Tungsten contacts for power switching

Product Facts for KC-32

- Normally closed version of KC-22
- Vacuum dielectric for power switching low current loads



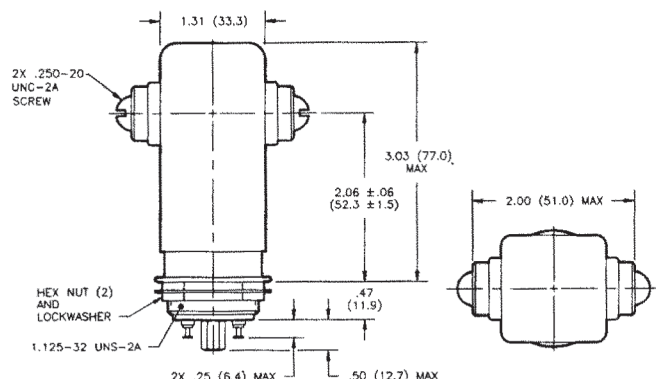
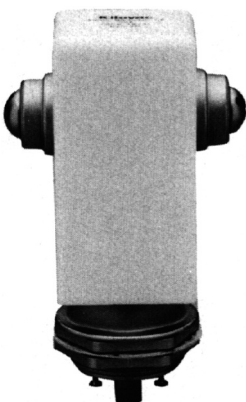
KC-28, KC-38 Make Only Load Switching

Product Facts for KC-28

- SF-6 gas-filled for capacitive discharge and “make only” applications
- Capable of switching 2000 Amps peak capacitive discharge for 400 nanoseconds

Product Facts for KC-38

- Normally closed version of KC-28
- SF-6 gas-filled for capacitive discharge and “make only” applications



Product Specifications for KC-22, KC-32, KC-28 & KC-38

Contact Arrangement —
KC-22 and KC-28 — SPST-NO
KC-32 and KC-38 — SPST-NC

Contact Form —
KC-22 and KC-28 — X
KC-32 and KC-38 — Y

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

Rated Operating Voltage (Peak) —
DC or 60 Hz — 25 kV

Continuous Carry Current, Max. —

DC or 60 Hz — KC-22 — 65 A
KC-32 — 45 A
KC-28 — 30 A
KC-38 — 15 A

Coil Hi-Pot (Vrms, 60 Hz) — 500 A

Contact Capacitance —

Between Open Contacts —
KC-22 and KC-32 — 2.5 pF
Open Contacts to Ground —
KC-22 and KC-32 — 2.5 pF

Contact Resistance, Max. —

KC-22 — 0.005 ohm
KC-32 — 0.01 ohm
KC-28 — 1.0 ohm*
KC-38 — 1.0 ohm*

Operate Time, Max. — 18 ms

Release Time, Max. —

KC-22 and KC-28 — 10 ms
KC-32 and KC-38 — 20 ms

Shock, 11ms, 1/2 Sine (Peak) —
30 g

Vibration —

Peak — 10 g (55 to 500 Hz)

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

Mechanical Life — 2 million cycles

Weight, Nominal — 340 g (12 oz.)

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%)	24 Ω	120 Ω	2000 Ω

Ratings listed are for 25°C, sea level conditions

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

Ordering Information

Sample Part Number ►

Series: _____

Model: _____

KC-22

KC-32

KC-28

KC-38

Coil Voltage: _____

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

KC- 22 /12Vdc