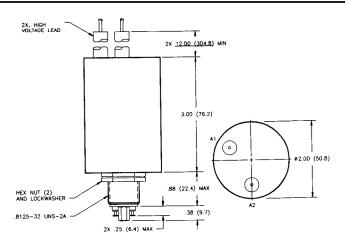


K70 Series Make Only Load Switching — 70 kV Relays

K70A and K70B Product Facts

- New, small, compact 70 kV relay package
- SF-6 gas-filled for capacitive discharge and high voltage isolation applications
- Suitable for charging and discharging of high voltage capacitors
- Safe for use in adverse environments

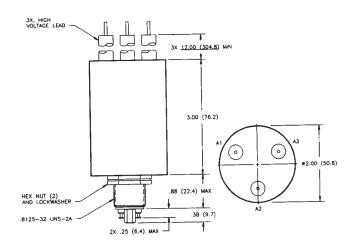




K70C Product Facts

- SPDT version of K70A
- SF-6 gas-filled for capacitive discharge and high voltage isolation applications
- Suitable for charging and discharging of high voltage capacitors





Product Specifications for K70A, K70B and K70C

Contact Arrangement —

K70A — SPST-NO K70B — SPST-NC

K70C — SPDT

Contact Form -

K70A — A

K70B — B

K70C — C

Test Voltage, DC or 60 Hz (Peak) — 75 kV

Rated Operating Voltage (Peak) —

DC — 70 kV

60 Hz RMS - 30 kV

Continuous Carry Current, Max. -

DC or 60 Hz — 10 A

Coil Hi-Pot (Vrms, 60 Hz) — 500 A

Contact Capacitance —

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

 ${\bf Contact\ Resistance,\ Max.} -$

2.0 ohm*

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

Operate Time, Max. — 20 ms **Release Time, Max.** — 15 ms

Shock, 11ms, 1/2 Sine (Peak) —

20 g

 ${\bf Vibration} \, - \,$

Peak — 10 g (55 to 500 Hz)

Operating Ambient Temperature Range — 0°C to $+85^{\circ}\text{C}$

Mechanical Life —500,000 cycles

Weight, Nominal —

510.3 g (18 oz.)

Note:

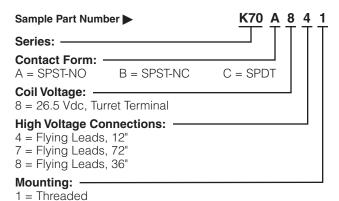
*Contact resistance for gas-filled relays measured at 28 Vdc, 1 Amp

Coil Data

Volts, Nominal	26.5 Vdc
Pickup, Max.	22 Vdc
Dropout	1-10 Vdc
Coil Resistance (±10%)	75 Ω

Ratings listed are for 25°C, sea level conditions

Ordering Information



www.te.com