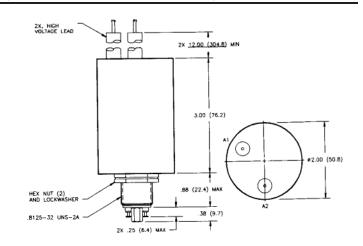


K70 Series Make Only Load Switching — 70 kV Relays

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

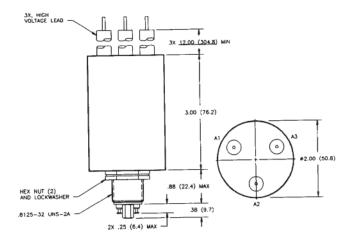




K70C **Product Facts**

- 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 К70В — В 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 Contact Resistance, Max. — 2.0 ohm*

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

7-86

Catalog 5-1773450-5 Revised 3-13

Operate Time, Max. — 20 ms Release Time, Max. — 15 ms Shock, 11ms, 1/2 Sine (Peak) -20 g Vibration — Peak — 10 g (55 to 500 Hz) **Operating Ambient Temperature** Range — 0°C to +85°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

Sample Part Number K70 A 8 4 1 Series: -Contact Form: C = SPDT A = SPST-NO B = SPST-NCCoil Voltage: -8 = 26.5 Vdc, Turret Terminal **High Voltage Connections:** 4 = Flying Leads, 12" 7 = Flying Leads, 72" 8 = Flying Leads, 36" Mounting:

1 = Threaded

Asia Pacific: +86 0 400 820 6015 UK: +44 800 267 666

For additional support numbers please visit www.te.com

www.te.com

to change.

Dimensions are shown for reference purposes only. Specifications subject

Dimensions are in millimeters unless otherwise specified.

USA: +1 800 522 6752