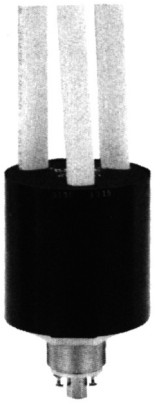
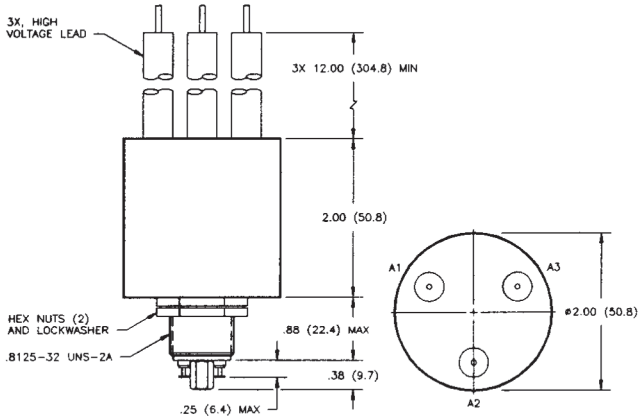
K64 & H-25 Series — 50 kV Relays

K64C
Make Only Load Switching

Product Facts for K64C

- **SF-6 gas-filled relay ideal for high voltage isolation or "make only" power switching**
- **50 kV rating in compact package**
- **High voltage leads and encapsulation allow full operation in air**



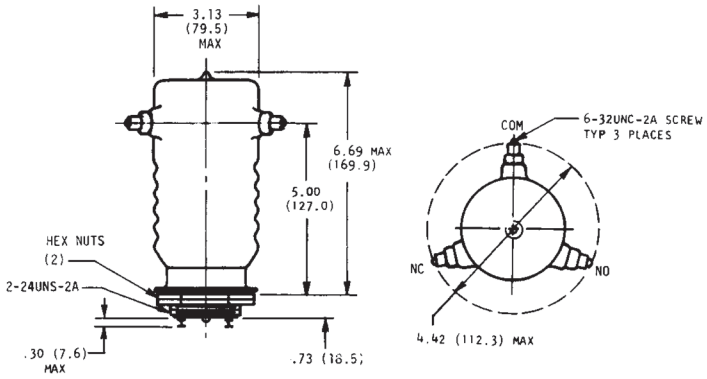


H-25
Make & Break Load Switching

Product Facts for H-25

- **Vacuum relay provides low contact resistance**
- **Vacuum dielectric for power switching low current loads**





Product Specifications for K64C and H-25

Contact Arrangement — SPDT

Contact Form — C

Test Voltage, DC or 60 Hz (Peak) —
K64C — 55 kV
H-25 — 60 kV

Rated Operating Voltage (Peak) —
DC or 60 Hz — 50 kV

Continuous Carry Current, Max. —
DC or 60 Hz — K64C — 10 A
H-25 — 30 A
Coil Hi-Pot (Vrms, 60 Hz) — 500 A

Contact Resistance, Max. —
K64C — 1.0 ohm*
H-25 — 0.015 ohm

Operate Time, Max. —
K64C — 15 ms
H-25 — 60 ms

Release Time, Max. —
K64C — 15 ms
H-25 — 60 ms

Shock, 11ms, 1/2 Sine (Peak) —
K64C — 10 g
H-25 — 15 g

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

Operating Ambient Temperature Range — -55°C to +85°C

Mechanical Life —
K64C — 1 million cycles
H-25 —500,000 cycles

Weight, Nominal —
K64C — 340 g (12 oz.)
H-25 — 850.5 g (30 oz.)

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

Coil Data

	K64C	H-25
Nominal Volts DC	**26.5 Vdc**	**26.5 Vdc**
Pickup, Max.	18 Vdc	16 Vdc
Dropout	1-10 Vdc	1-10 Vdc
Coil Resistance (±10%)	80 Ω	120 Ω

Ratings listed are for 25°C, sea level conditions

Ordering Information

Sample Part Number ▶ **K64 C 8 4 1**

Series:

Contact Form:
C = SPDT

Coil 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

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