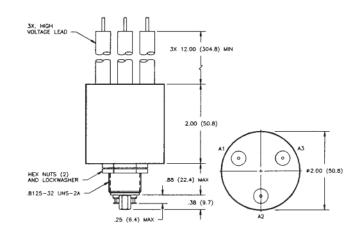


K64 & H-25 Series — 50 kV Relays

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



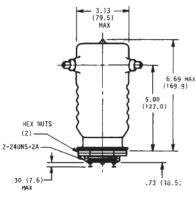


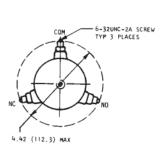
H-25 Make & Break Load **Switching**

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

 $\mathbf{Contact}\;\mathbf{Form} - \mathbf{C}$

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:

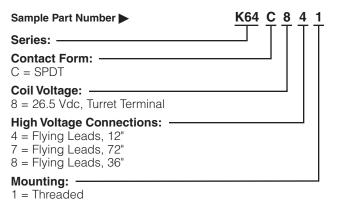
*Contact resistance for gas-filled relays measured at 28 Vdc, 1 Amp

Coil Data

K64C	H-25
26.5 Vdc	26.5 Vdc
18 Vdc	16 Vdc
1-10 Vdc	1-10 Vdc
80 Ω	120 Ω
	26.5 Vdc 18 Vdc 1-10 Vdc

Ratings listed are for 25°C, sea level conditions

Ordering Information



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

Catalog 5-1773450-5 Revised 3-13

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