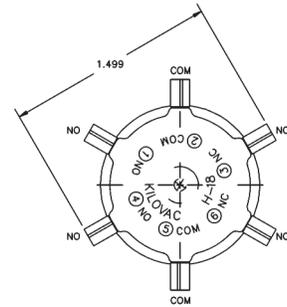
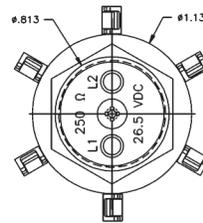
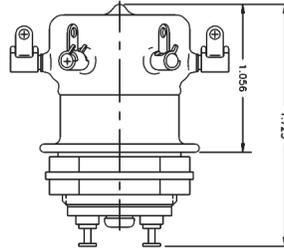


H-18 Series Make & Break Load Switching — 8 kV Relays

Product Facts

- Smallest DPDT high voltage relay
- Vacuum dielectric for power switching low current loads
- 8 kV rating; carries 2 Amps at 32 MHz
- Tungsten contacts for power switching low current loads
- Meets requirements of MIL-R-83725



Product Specifications

Contact Arrangement —

DPDT

Contact Form — 2C

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

Rated Operating Voltage (Peak) —

DC or 60 Hz — 8 kV
2.5 MHz — 5 kV
16 MHz — 3 kV
32 MHz — 2 kV

Continuous Carry Current, Max. —

DC or 60 Hz — 10 A
2.5 MHz — 7 A
16 MHz — 3 A
32 MHz — 2 A
Coil Hi-Pot (Vrms, 60 Hz) — 500 A

Contact Capacitance —

Between Open Contacts — 0.8 pF
Open Contacts to Ground — 1.5 pF

Contact Resistance, Max. —

0.02 ohm

Operate Time, Max. — 15 ms

Release Time, Max. — 15 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 — 1 million cycles

Weight, Nominal —

70.87 g (2.5 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%)	60 Ω	250 Ω	3500 Ω

Ordering Information

Sample Part Number ►

H-18 /12Vdc

Series: _____

Model: _____

H-18

Coil Voltage: _____

Blank = 26.5 Vdc

/12Vdc = 12 Vdc

/115Vdc = 115 Vdc

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