

**Struthers-Dunn**

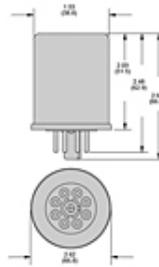
407 East Smith Street - Suite B

Timmonsville, SC 29161 US

**Phone:** (843) 346-4427 • **Fax:** (843) 346-4465**E-Mail:** info@struthers-dunn.com • **Web site:** www.struthers-dunn.com**Item # 88HPX-34-24VDC, 88HP Series - Hermetically Sealed Plug-in Special Purpose Relays**

The 88HP series relay is a 2 or 3 pole, hermetically sealed, metal can relay. Relays are completely sealed to prevent any contamination from entering. Cases are painted gray to protect them from corrosion.

For Additional Configuration please contact the manufacturer.



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**SPECIFICATIONS**

Series	88HP
Nominal Input Voltage	24 VDC
Number of Pins Octal Style	8 pin
Resistance	400 ohms
Contact Arrangement	DPDT

**CONTACTS**

Contact Configuration	DPDT
Contact Material	Silver Alloy, Gold Flashed
Contact Rating	10 A
Maximum Allowable Contact Load	10A at 240VAC/28VDC
Contact Resistance, Initial	50 milliohms max at 6VDC

## COIL

Coils Available	AC and DC
Nominal Coil Power AC	3 VA
Nominal Coil Power DC	1.5 W
Input Voltage Tolerance - AC	85% to 110% of nominal
Input Voltage Tolerance - DC	80% to 110% of nominal
Drop-out voltage	10% of nominal
Duty	Continuous

## TIMING

Operate Time (max)	25 ms
Release Time (max)	20 ms

## DIELECTRIC STRENGTH

Across Open Contacts	1000 Vrms
Between Mutually Insulated Point	1250 Vrms
Insulation Resistance	1000 megohms at 500VAC

## TEMPERATURE

Operating	-10 to 60 °C 14 to 140 °F
Storage	-30 to 105 °C -22 to 221 °F

## LIFE EXPECTANCY

Electrical (full load)	100,000
Mechanical (no load)	5,000,000

MISCELLANEOUS

Shock	20 G's 11mS, 1/2 Sine Wave
Vibration	5 G's 10Hz to 55Hz
Mounting Position	Any
Enclosure	Hermetically Sealed Metal Case
Weight	5.0 oz 142 g

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