

E-311PB Series Relay, Undervoltage with Time Delay

Product Facts

- 2PDT
- Solder sealed, hermetically sealed
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics

Main Contacts —

Contact Arrangement — 2PDT

Operating Voltage, Nom. — 28 Vdc

Resistive Rating — 10 Amps

Inductive Rating — 6 Amps

Motor Rating — 3 Amps

Lamp Rating — 1 Amps

Pickup Time, Max. — 125 msec

Contact Bounce, Max. — 3 msec

Operating Voltage, Max. — 36 Vdc

Operating Voltage, Nom. — 28 Vdc

Pickup Voltage — 24.5 ± 0.5 Vdc

Dropout Voltage — 21.5 ± 0.5 Vdc

Dropout Time Delay — 200-400 milliseconds when the relay is in the energized position and the voltage drops below 21.5 ± 0.5 Vdc and above 15 Vdc. The relay will remain energized for 200 to 400 milliseconds before de-energizing when the voltage drops below 15 Vdc. Time delay is 30 Ms max.

Operating Current, Max.

@ 25°C — 150 milliamp

General Characteristics

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

Operating Cycles (Life) at Rated Resistive Load, Min. —
100,000 cycles

Dielectric Withstanding Voltage —
1,000 Vrms, 60 Hz, 1 mil/Amp max. leakage

Insulation Resistance @ 500 Vdc — 100 megohm min.

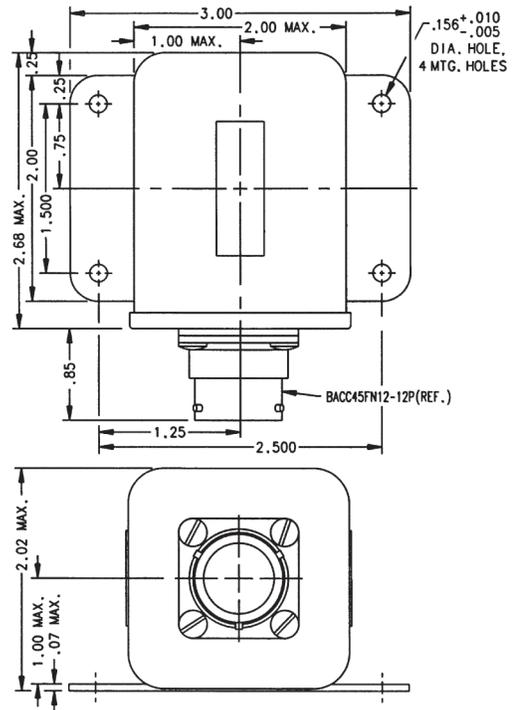
Altitude — 80,000 ft

Weight, Max. — .25 lbs

Sinusoidal Vibration —
.060 DA @ 5 to 80 Hz
20 GTM 80 to 2000 Hz

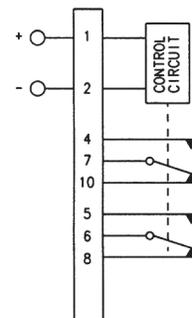
Shock for 11 msec, 1/2 Sine, 3

Axes — 30 G



Mounting Style A

Circuit Configurations (Consult factory for other available circuit configurations)



Circuit Configuration 1

For factory-direct application assistance, phone 419-521-9500 or fax 419-526-2749.

HARTMAN Part Number	Construction Type	Mounting Style	Duty Cycle	Circuit Config.	TE Part Number
E-311PB	Hermetically Sealed	A	Continuous	1	1-1616126-1