

E-329 Series Relay, Voltage Sensing

Product Facts

- 3PDT
- Solder sealed cover, hermetically sealed contacts
- Meets many requirements of MIL-PRF-6106



Performance Data

Electrical Characteristics Contact Arrangement — 3PDT Rated Operating Voltage -28 Vdc, and 155 Vac 400 Hz Resistive Rating — 10 Amps Inductive Rating — 8 Amps Motor Rating — 4 Amps Lamp Rating — 2 Amps Pickup Time, Max. — 70 msec Contact Bounce, Max. — 3 msec Dropout Time Delay -200-400 msec when the relay is in the energized position and the voltage drops below 104 ± 2 Vrms and above 88 ± 4 Vrms. The relay will remain energized for 200-400 msec before deenergizing. When the voltage drops below 88 ±4 Vrms no time delay is required. When the voltage drops to 30 volts or less the relay will de-energize 50 msec max.

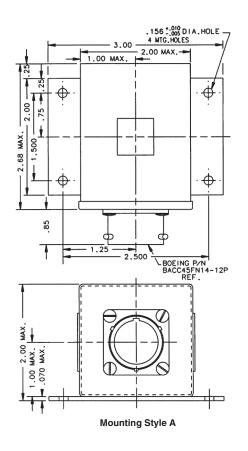
Operating Voltage, Nom. -115 VAC, RMS L-N Operating Voltage, Max. —

122 VAC, RMS L-N

Operating Frequency — 400 ±20 Hz Pickup Voltage — 109 ±2 Vrms Dropout Voltage — 104 ±2 Vrms Operating Current, Max. @ 25°C — 100 milliamp

General Characteristics Temperature Range --55°C to +85°C

Operating Cycles (Life) at Rated Resistive Load, Min. – 100,000 cycles **Operating Cycles (Life)** Mechanical, Min. — 100,000 cycles **Dielectric Withstanding Voltage -**1.000 Vrms, 60 Hz Insulation Resistance @ 500 Vdc — 1,000 megohm min. Altitude --- 0-80,000 ft Weight, Max. - 10 oz Shock for 11 msec, 1/2 Sine, 3 Axis — 30 G



Circuit Configurations (Consult factory for other available circuit configurations)

| 115 VAC 400 HZ | o | 1 | M |
|-------------------|--------|-----|------------|
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Circuit Configuration 1

| pry-direct application | HARTMAN Part Number | Construction Type | Mo S |
|----------------------------|------------------------|----------------------|---------|
| ice, phone 419-521-9500 or | E-329E | Hermetically Sealed | |
| 526-2749. | | | |

For facto assistan fax 419-5

| HARTMAN | Construction | Mounting | Duty | Circuit | TE |
|-------------|---------------------|----------|------------|---------|-------------|
| Part Number | Type | Style | Cycle | Config. | Part Number |
| E-329E | Hermetically Sealed | A | Continuous | 1 | 1-1616126-9 |

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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