

A Leader in the Design & Manufacture of Electro-Mechanical Products

295 POWER RELAY

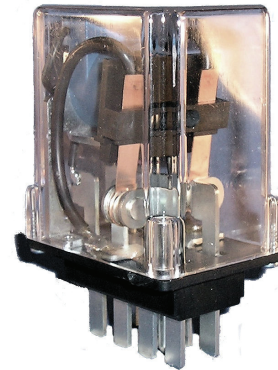
Power relay rated for 20/10 amps Tungsten @ 120/240 VAC (2.4 KW) switching on all contacts in a DPDT configuration.

Applications

- Traffic controller equipment

Features

- 20 amp Tungsten switching on all contacts
- Molded class F (155° C) coil construction
- Contacts designed for superior switching performance
- Contact wiping action results in long contact life
- PPS molded panel for superior physical characteristics

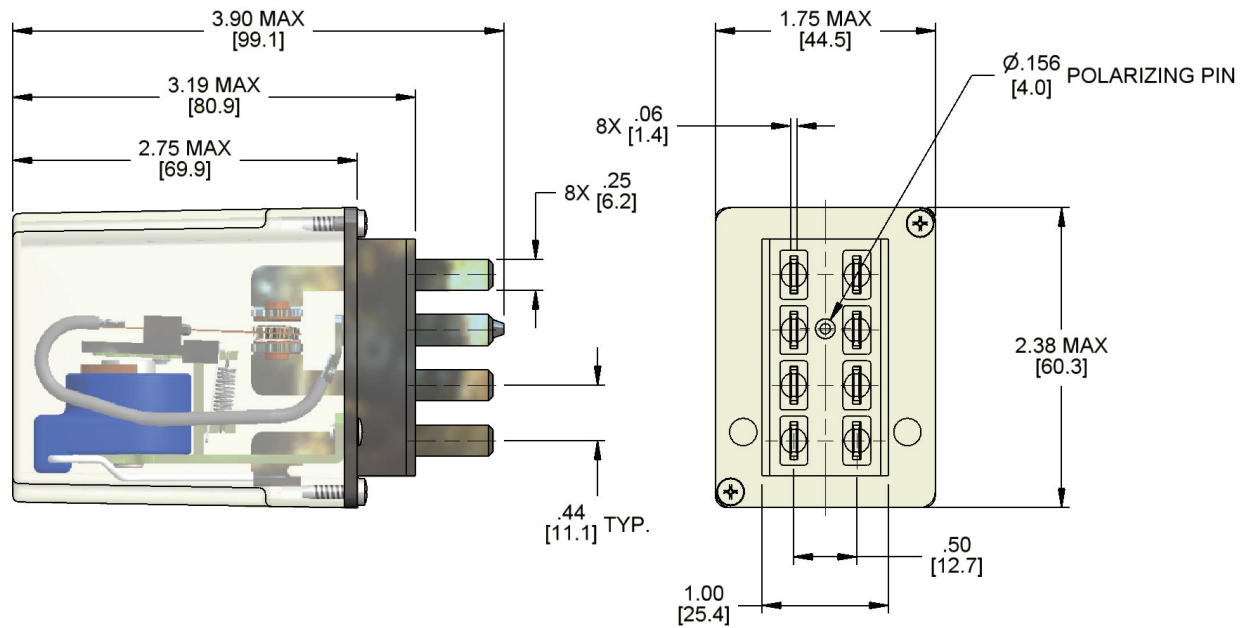


Contact Data	Expected Life
<ul style="list-style-type: none"> • Configuration: DPDT • Material: Silver Cadmium Oxide • Size: 3/8" diameter 	<ul style="list-style-type: none"> • Electrical: 200,000 operations min. @ rated load • Mechanical: 5,000,000 operations min. @ no load
Contact Ratings	Dielectric Strength
<ul style="list-style-type: none"> • Tungsten load rating <ul style="list-style-type: none"> • 20 Amps @ 120 VAC (2.4 KW) • 10 Amps @ 240 VAC (2.4 KW) 	<ul style="list-style-type: none"> • Across open contacts: 1200 VRMS • Contacts to coil: 2200 VRMS • Contacts to frame: 2200 VRMS • Pole to pole: 2200 VRMS
Coil Data	Mechanical Data
<ul style="list-style-type: none"> • Nominal input voltage: 120/110 VAC, 60/50 Hz • Nominal coil power: 7.0 VA • Coil resistance: 970 Ohms ±10% • Coil insulation: Molded Rynite® class F system • Insulation resistance: 100 Megohms minimum • UL insulation system file No: E74443 	<ul style="list-style-type: none"> • Operating position: Any • Mounting: Cinch-Jones 2408 8 pin socket or equiv. • Terminals: 0.250" x 0.055" (6.35mm x 1.40 mm) • Insulation material: Thermoplastic 94V-O rating • Cover material: Clear Polycarbonate 94V-2 rating • Cover protection category: 40 IP rating • Weight: 7.0 oz. (198 grams) approx.
Operate Data	Agency Information
<ul style="list-style-type: none"> • Pull-in voltage: ≤ 75% of nominal voltage • Drop-out voltage: ≥ 30% of nominal voltage • Operate time: 20 ms approx. • Release time: 20 ms approx. 	<ul style="list-style-type: none"> • UL recognized file No.: E37066 (US & Canada) • NEMA: Exceeds NEMA Standard TS 2-2003 • D.O.T. Approvals:
Temperature Data	
<ul style="list-style-type: none"> • Operating ambient: -40°C to +65°C • Storage ambient: -40°C to +130°C 	

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Outline Dimensions

(Dimensions shown in inches and [millimeters])



Wiring Diagram

(Viewed from pin end]

