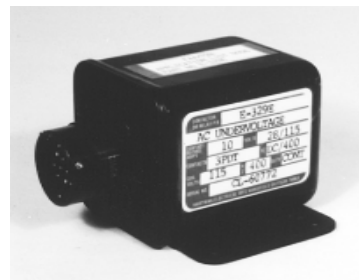
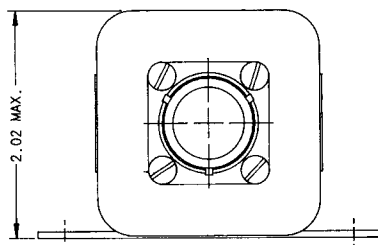
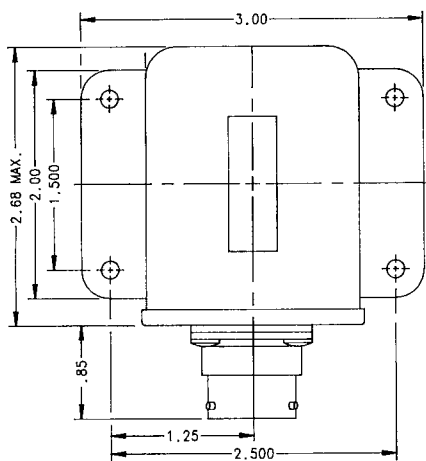


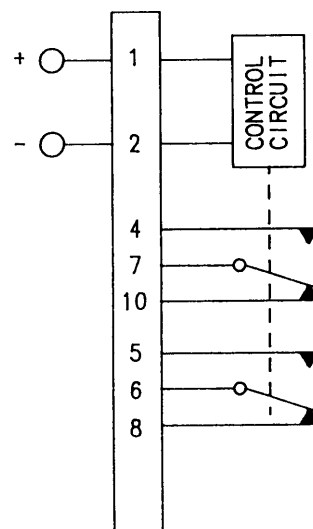
E-311P 2PDT, 10 Amps, 28 VDC


Features:

- 2PDT Main Contacts
- Dropout Time Delay
- 28 VDC
- 10 Amps
- High Reliability
- Meets many requirements of MIL-R-6106
- Light Weight Construction



Dimensions for this product are expressed in inches.
Multiply values by 25.4 for millimeters.

CONTACTOR CONFIGURATION

Notes:
PRODUCT SPECIFICATIONS

Electrical:	
Contact Form	2PDT
Contact Rating (Amp / Pole at 28 VDC)	Resistive Inductive Motor Lamp 10 6 3 1
Contact Life	100,000 Operations Minimum, at Rated Resistive Load
Contact Bounce	3 Milliseconds Maximum
Duty Cycle	Continuous
Nominal Operating Voltage	28 VDC
Maximum Operating Voltage	36 VDC
Pick-Up Voltage	24.5 ±0.5 VDC
Pick-Up Time	125 Milliseconds Maximum
Drop-Out Voltage	21.5 ±0.5 VDC
Drop-Out 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 no time delay is required.
Input Voltage Transients	Per MIL-STD-704A
Operating Current	150 Maximum Milliamps at 25°C
Dielectric Withstanding Voltage	1000 VRMS, 60 Hz, 1 Mil/Amp Maximum Leakage
Insulation Resistance	1000 MegOhms, Minimum at 500 VDC
Environmental:	
Ambient Temperature	-55°C to +85°C (Operating) -55°C to +125°C (Non-Operating)
Vibration	.060" DA 5 to 80 Hz, 20 G'S 80 to 2000 Hz
Shock	30 G'S, 11 Milliseconds, 1/2 SINE, 3 Axes
Acceleration	20 G'S in Any Axis
Altitude	0 to 80,000 Feet
Mechanical:	
Weight Maximum	10 Oz.
Construction	Aluminum Metal Can, Mounting Flanges and Cover
Seal	Sensor Potted, Solder Sealed Cover, Hermetic Sealed Contacts

For factory-direct application assistance, contact the HARTMAN product team at (419) 521-9500, Fax (419) 526-2749.

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