



Miniature 10 Amps • 4PDT To MIL-PRF-83536

SPECIFICATIONS

GENERAL	
Weight	4PDT (4 Form C)3.0 oz approx. uirements of MIL-PRF-83536
PERFORMANCE	
Contact Rating (Note 1)	
Resistive	10 Amps @ 28 VDC or 115/208V 400 Hz

Life	100,000 operations	
	r	esistive load, 125°C
Pull I	n Power	500 mw approx.

1.5 Amps @ 115/208V 60 Hz

(Case Grounded)

Operate/Release Time:	DC Coil AC Coil 15 ms max 50 ms max
Excluding bounce time	
Contact Bounce Time	1 ms max
	@ rated contact load, 28 VDC
Contact Voltage Drop:	
	150 mv max @ 10 Amps
	and 6 VDC
After Life	175 mv max @ 10 Amps
	and 6 VDC
ENVIRONMENTAL	
Temperature Range	70°C to +125°C
Vibration (Note 2)	0.12" DA 10 - 70 Hz
Vibration (Note 2)	
	30 G's 70 - 3,000 Hz
Shock (Operating)(Note 2	2)200 G's 6 ms

ELECTRICAL CHARACTERISTICS

	@ 500V 25°C
Dielectric Strength:	
Sea Level:	
Contact to Case	1,250 VRMS
Contact to Coil	1,250 VRMS
Coil to Case	1,000 VRMS
Across Open Contacts	1,250 VRMS
80,000 Feet:	
All Points	350 VRMS

Duty Cycle......Continuous

Insulation Resistance......100 megohms

MIL-PRF-83536/15 QUALIFIED to ER level M

Notes

- 1. For other ratings consult the factory.
- 2. For applications requiring higher shock and vibration, consult the factory.

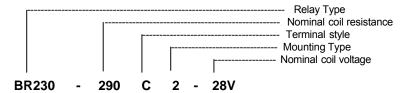
3. AC coil line frequency 50 to 400 Hz.

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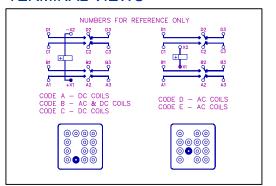


COIL DATA

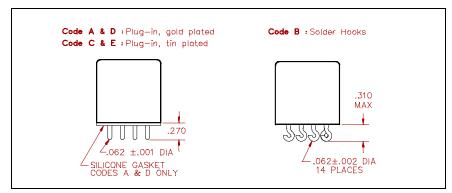
MODEL BR230 PART NUMBER	BR230-20()()-6V	BR230-78()()-12V	BR230-290()()-28V	BR230-890()()-48V	BR230AC-()()-115V (Note 3)
NOMINAL COIL VOLTAGE	6 VDC	12 VDC	28 VDC	48 VDC	115 VAC
MAXIMUM COIL VOLTAGE	8 VDC	15 VDC	29 VDC	59 VDC	122 VAC
PULL IN VOLTAGE (MAX @ +125°C)	4.5 VDC	9 VDC	18 VDC	36 VDC	90 VAC
DROP OUT VOLTAGE (MAX)	1.8 VDC	3.5 VDC	5.1 VDC	11 VDC	5 - 30 VAC
COIL RESISTANCE ± 10% @ 25°C	20 OHMS	78 OHMS	290 OHMS	890 OHMS	I = 0.04 AMPS



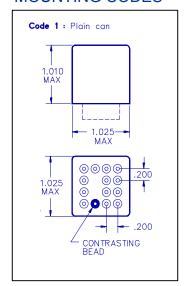
SCHEMATIC TERMINAL VIEWS

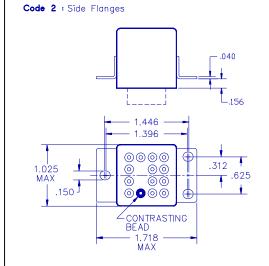


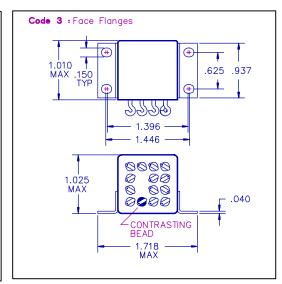
TERMINAL STYLES



MOUNTING CODES







GENERAL NOTES

- Unless otherwise specified, all tests made at nominal coil voltages, @ 25°C.
- For special coil variations, switching configurations, terminals styles and mounting types, consult the factory.
- Unless otherwise specified, tolerances on decimal dimensions are \pm .010".
- Specifications contained herein are subject to change without notice.



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