





Miniature 25 Amps • 3PDT Magnetic Latching To MIL-PRF-6106

SPECIFICATIONS

GENERAL

Contact Arrangement
Weight
PERFORMANCE
Contact Rating (Note 1) Resistive25 Amps @ 28 VDC or 115/208V 400 Hz (Case Grounded) Inductive15 Amps @ 115/208V 400 Hz
(Case Grounded) 12 Amps @ 28 VDC (Case Grounded)
Motor10 Amps @ 28 VDC or 115/208V 400 Hz (Case Grounded)
Lamp5 Amps @ 28 VDC or 115/208V 400 Hz (Case Grounded)
Life
Latch/Reset Power

Latch/Reset Time:	DC Coil 15 ms max	AC Coil 50 ms max					
Excluding bounce time at nominal coil voltage							
Contact Bounce Time1 ms max @ rated contact load, 28 VDC							
	: 150 mv max @ 25 Amps and 6 VDC 175 mv max @ 25 Amps and 6 VDC						
ENVIRONMENTAL							
Temperature Range Vibration (Note 2) Observe (Opperature Vibration 2)	0.12" DA ⁻ 30 G's 70 -	10 - 70 Hz - 3,000 Hz					
Shock (Operating)(Note 2)	200	JGS6MS					
ELECTRICAL CHARACTERISTICS							
Duty Cycle Insulation Resistance Dielectric Strength:							
Sea Level: Contact to Case Contact to Coil Coil to Case Across Open Contacts	1,2 1,0	250 VRMS 000 VRMS					

Notes

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

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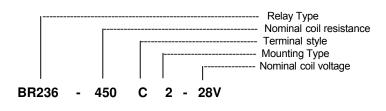
80,000 Feet:

3. AC coil line frequency 50 to 400 Hz.



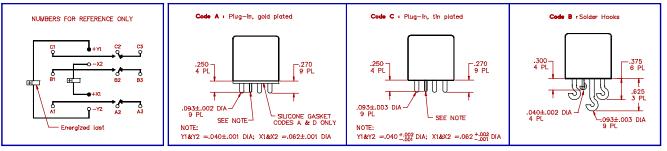
COIL DATA

MODEL BR236 PART NUMBER	BR236-28()()-6V	BR236-112()()-12V	BR236-450()()-28V	BR236-1500()()-48V	BR236AC-()()-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
LATCH/RESET VOLTAGE (MAX @ +125°C)	4.5 VDC	9 VDC	18 VDC	36 VDC	90 VAC
LATCH/RESET VOLTAGE (MAX)	3 VDC	6 VDC	13 VDC	24 VDC	72 VAC
COIL RESISTANCE ± 10% @ 25°C	28 OHMS	112 OHMS	450 OHMS	1500 OHMS	I = 0.04 AMPS

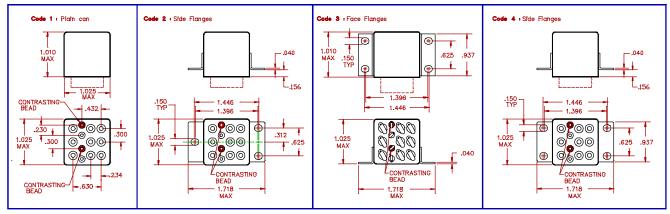


SCHEMATIC TERMINAL VIEW

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 ± .010".
- Specifications contained herein are subject to change without notice.



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