Ledex® Box Frame Size B12P

Part Number: B12P - XXX - B - 3

Select from Performance Chart Below

All Products are RoHS Compliant

Specifications

Operation Push Dielectric Strength 500 VRMS for one second Continuous Duty Cycle 100% at 20°C ambient temperature Intermittent Duty Cycle See Below Holding Force 7.7 oz. (2.1N) at 20°C Spring Force .575 oz (.160N) Energized Coil Insulation Class "A": 105°C max 10" PVC lead wires Coil Termination Plunger Weight 0.05 oz

0.30 oz

Total Weight

Performance									
100%	50%	25%	10%						
∞	84	11	2						
∞	120	34	8						
1.3	2.6	5.2	13						
178	251	355	561	•					
	∞ ∞ 1.3	∞ 84 ∞ 120 1.3 2.6	∞ 84 11 ∞ 120 34 1.3 2.6 5.2	∞ 84 11 2 ∞ 120 34 8 1.3 2.6 5.2 13					

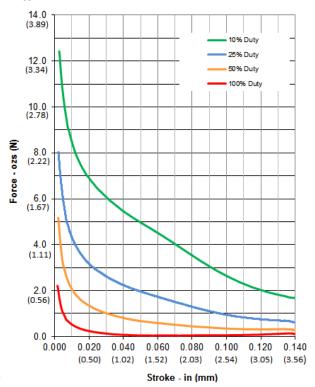
Coil Data

Part Number	Resistance (@20°C)	Ref. # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B12P-258 -B-3	6.92	417	3	4.24	6.0	9.5
B12P-255 -B-3	27.7	824	6	8.5	12	19
B12P-256 -B-3	62.3	1184	9	13	18	28.5
B12P-254 -B-3	110.8	1632	12	17	24	38
B12P-253 -B-3	443.1	3336	24	34	48	76

NOTES:

- 1. All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- 3. All data reflects operation with no heatsink.

Typical Force @ 20°C



How to Order:

Select the part number from the table provided. (For example, to order a 25% duty unit rated at 48 VDC, specify B12P-253-B-3

Please see www.johnsonelectric.com for a list of our products available through distribution.

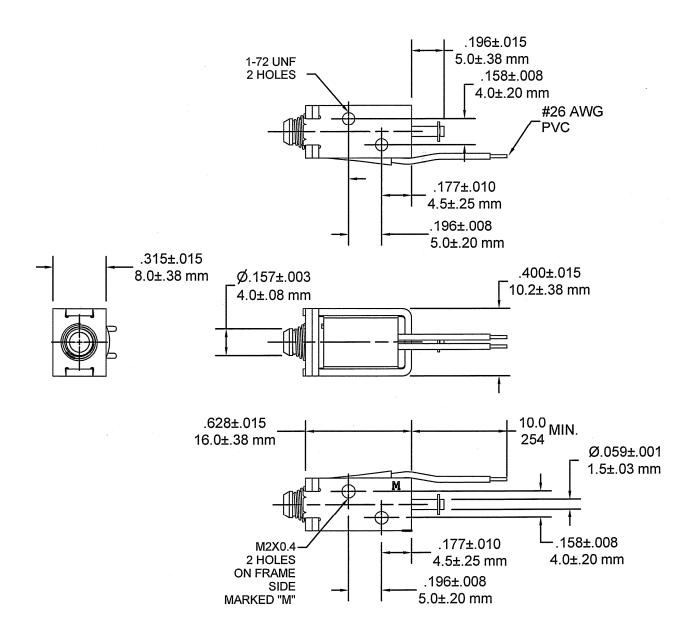
All specification subject to change without notice.

Force values for reference only.

Fax: 1.937-898-8624

Dimensions

Inches (mm) All solenoids are shown in energized state



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