

Ledex[®] Box Frame Size B7

Part Number: B7 – – B – 4

All products are RoHS Compliant

Continuous Duty Voltage Rating
(from performance chart below)

2 - Conical Pole Configuration

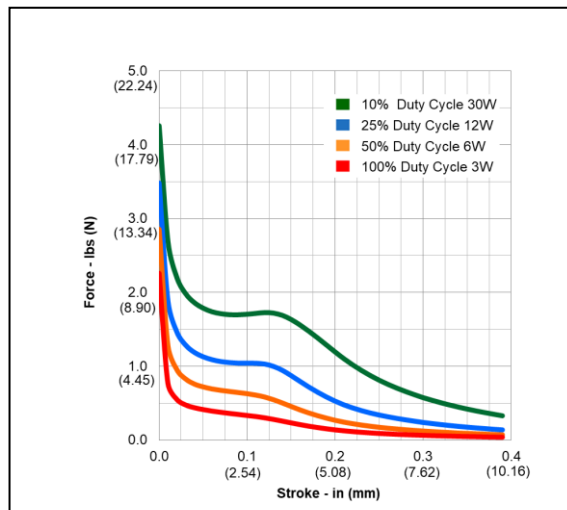
Specifications

Dielectric Strength	1000 VRMS for one second
Continuous Duty Cycle	100% at 20°C ambient temperature
Intermittent Duty Cycle	See performance chart below
Holding Force	3.4 lbs (15.1N)
Coil Insulation	Class "B": 130°C max.
Coil Termination	10" PVC lead wires
Plunger Weight	0.19 oz (5.4g)
Total Weight	1.53 ozs (43.3g)

Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	110	27	8
Maximum ON Time (sec) for single pulse ²	∞	264	89	26
Watts (@ 20°C)	3	6	12	30
Ampere Turns (@ 20°C)	510	737	1020	1630

Typical Force @ 20°C



Coil Data

Part Number	Resistance (@ 20° C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B7-203-B-4	3.40	570	3.0	4.5	6.0	10.0
B7-206-B-4	13.34	1120	6.0	9.0	12.0	20.0
B7-209-B-4	28.80	1584	9.0	13.0	18.0	29.0
B7-212-B-4	47.67	2043	12.0	18.0	24.0	38.0
B7-218-B-4	96.29	2882	18.0	24.0	36.0	54.0
B7-224-B-4	189.76	4004	24.0	36.0	48.0	75.0

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Other coil voltages available – please contact the factory.

How to Order

Select the part number from the table provided. (For example, to order a 25% duty cycle push unit rated at 12 VDC, specify B7-206-B-4.

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

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Dimensions

Inches (mm)

All solenoids are illustrated in energized state

