

Ledex® Box Frame Size B14

Part Number: B14 - **XXX** - B- 1

All products are RoHS Compliant

LINEAR Open Frame

Select from performance chart below

Specifications

Operation	Pull
Dielectric Strength	1000 VRMS for one second
Continuous Duty Cycle	100% at 20°C ambient temperature
Intermittent Duty Cycle	See below
Holding Force	3.5 lbs (15.6 N) at 20°C
Coil Insulation	Class " B": 130°C max.
Coil Termination	10" (254 mm) PVC lead wires
Plunger Weight	0.42 oz. (12 g)
Total Weight	3.17 oz. (90 g)



Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	100	36	7
Maximum ON Time (sec) for single pulse	∞	480	180	45
Watts (@ 20°C)	5.2	10.4	20.8	52.2
Ampere Turns (@ 20°C)	750	1060	1500	2370

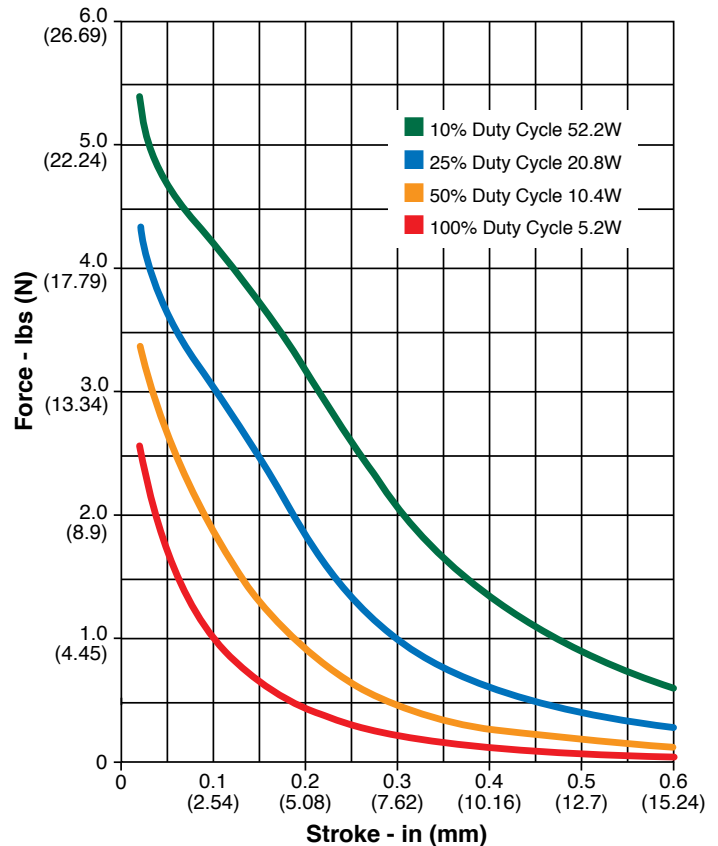
Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B14-255-B-1	6.9	871	6	8.5	12	19
B14-254-B-1	28.6	1791	12	17	24	38
B14-253-B-1	110	3450	24	34	48	76

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Pull versions standard; push versions available.
- Magnetic latching version available.

Typical Force @ 20°C



How to Order

Select the part number from the table provided. (For example, to order a 25% duty cycle unit rated at 48 VDC, specify B14-253-B-1.

Please see www.ledex.com for our list of stock products available through our North American distributors.

All specifications subject to change without notice.

Force values for reference only.

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Dimensions

Inches (mm)

All solenoids are illustrated in energized state

