

# Ledex® Box Frame Size B14HDP

Part Number: B14HDP - **2** **XX** - B- **X**

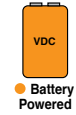
All products are RoHS Compliant

LINEAR Open Frame

4 - 10 Inch (254 mm) leads  
6 - Terminals  
Coil Selection (from performance chart below)  
2 - Conical Pole Configuration

## Specifications

Operation	Push
Dielectric Strength	1000 VRMS for one second
Continuous Duty Cycle	100% at 20°C ambient temperature
Intermittent Duty Cycle	See below
Holding Force	6.38 lbs (28.4 N) at 20°C
Coil Insulation	Class "B": 130°C max.
Coil Termination	10" (254 mm) PVC lead wires or terminal
Plunger Weight	0.91 oz. (25.8 g)
Total Weight	3.53 oz. (100.1 g)



## Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	100	27	7
Maximum ON Time (sec) for single pulse	∞	326	100	28
Watts (@ 20°C)	5.5	11	22	55
Ampere Turns (@ 20°C)	663	938	1326	2097

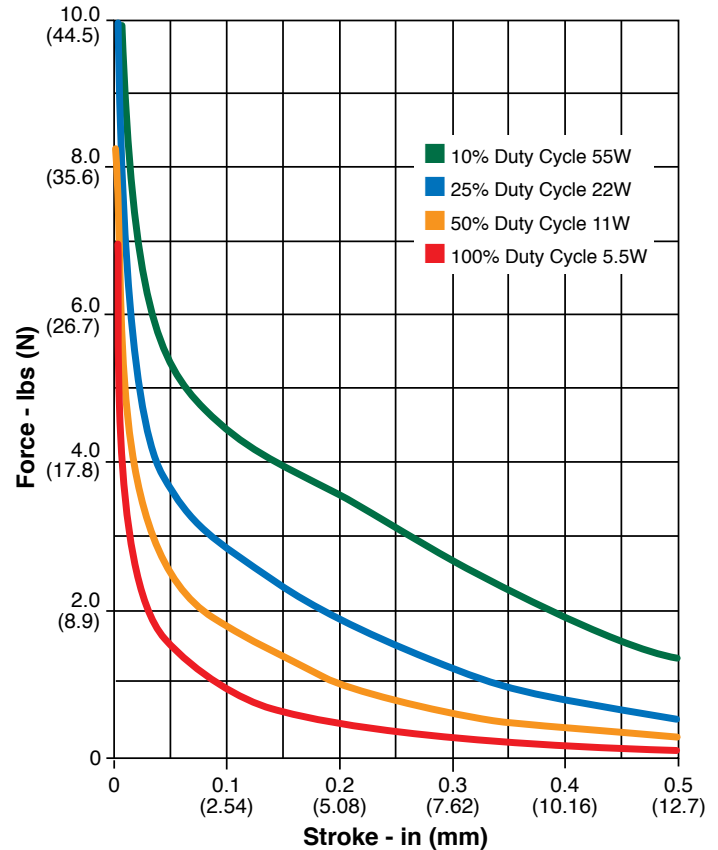
## Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B14HDP-258-B-X	1.45	321	3.0	4.3	6.1	9.7
B14HDP-257-B-X	7.0	750	6.0	8.7	12.4	19.6
B14HDP-256-B-X	14.2	1068	9.0	12.5	17.6	27.9
B14HDP-254-B-X	27.5	1470	12.0	17.4	24.6	38.9
B14HDP-253-B-X	110.2	2920	24.0	34.8	49.2	77.8

## NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heat sink.
- 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 6.1 VDC with 10" lead wires, specify B14HDP-258-B-4.

Please see [www.ledex.com](http://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.

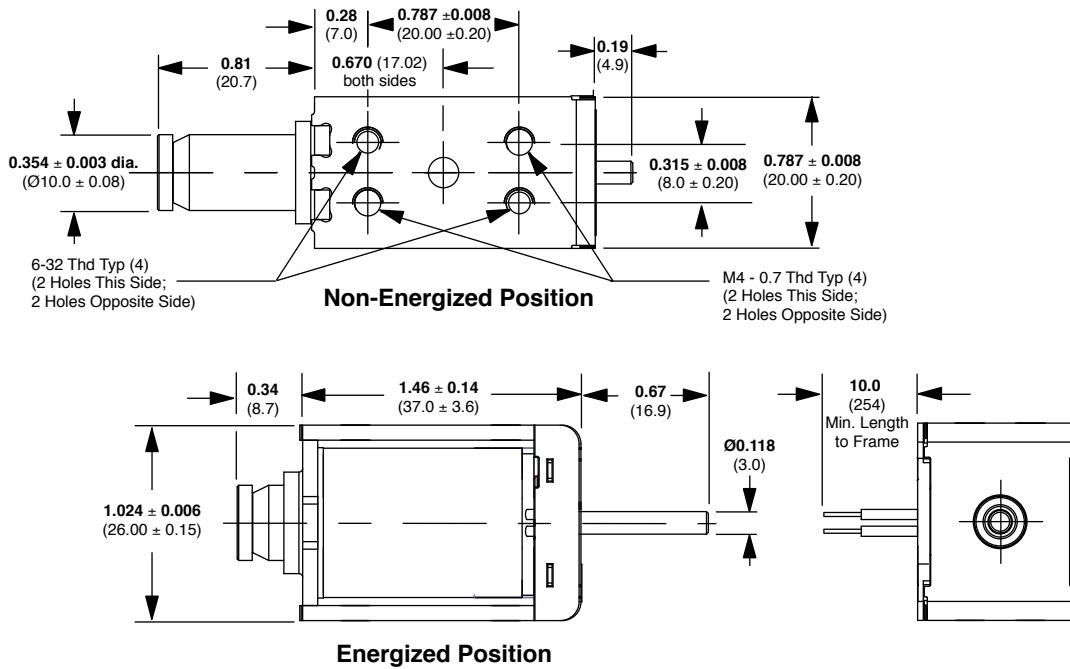
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## Dimensions

Inches (mm)

Illustrated in energized/de-energized state

### Lead Wire Models



### Terminal Connection Models

