

Ledex® Box Frame Size B4HDM

LINEAR Open Frame

Part Number: B4HDM - XXX - M-36

All products are RoHS Compliant

Select from performance chart below

Specifications

| | |
|-------------------------|----------------------------------|
| Operation | Pull |
| Dielectric Strength | 1500 VRMS for one second |
| Continuous Duty Cycle | 100% at 20°C ambient temperature |
| Intermittent Duty Cycle | See below |
| Holding Force | 52 N at 20°C |
| Coil Insulation | Class "A": 105°C max. |
| Coil Termination | 3/16" QC |
| Plunger Weight | 66.6 g |
| Total Weight | 382.7 g |

Performance

| Maximum Duty Cycle | 100% | 50% | 25% | 10% |
|---|------|------|------|------|
| Maximum ON Time (sec) when pulsed continuously | ∞ | 83 | 34 | 13 |
| Maximum ON Time (sec) for single pulse | ∞ | 609 | 207 | 66 |
| Watts (@ 20°C) | 12.5 | 25 | 50 | 125 |
| Ampere Turns (@ 20°C) | 1536 | 2174 | 3073 | 4860 |

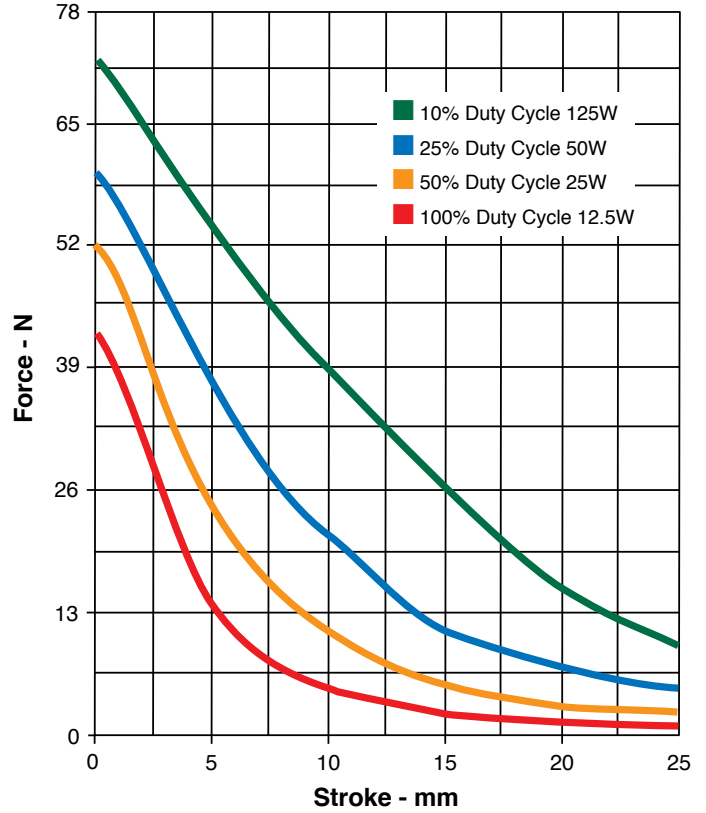
Coil Data

| Part Number | Resistance (@20°C) | Ref # Turns | VDC (Nom) | VDC (Nom) | VDC (Nom) | VDC (Nom) |
|----------------|--------------------|-------------|-----------|-----------|-----------|-----------|
| B4HDM-255-M-36 | 2.94 | 754 | 6 | 8.5 | 12 | 19 |
| B4HDM-254-M-36 | 11.42 | 1467 | 12 | 17 | 24 | 38 |
| B4HDM-253-M-36 | 46.83 | 2964 | 24 | 34 | 48 | 76 |
| B4HDM-252-M-36 | 181 | 5724 | 48 | 68 | 96 | 152 |
| B4HDM-251-M-36 | 1157 | 14239 | 120 | 170 | 240 | 380 |

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.
- Other coil terminations 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 B4HDM-253-M-36.

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

mm

All solenoids are illustrated in energised state

