

Ledex® Box Frame Size B4HDM

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

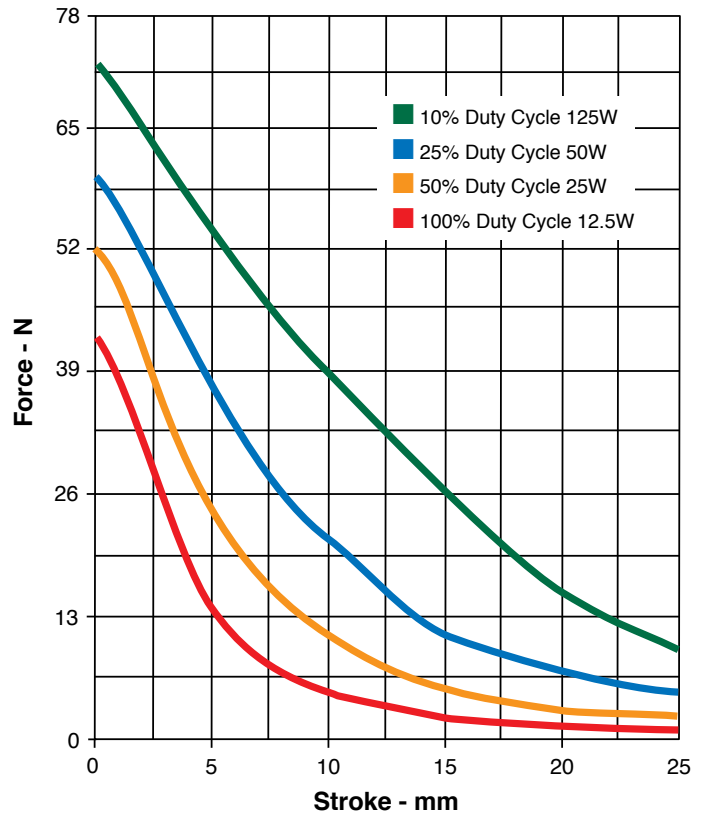
Coil Data

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:

1. All data is typical.
2. Force testing is done with the solenoid in the horizontal position.
3. All data reflects operation with no heatsink.
4. Pull versions standard; push versions available.
5. 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.

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Dimensions

mm

All solenoids are illustrated in energised state

