

Ledex® Box Frame Size B41M

Part Number: B41M - **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	71.2 N at 20°C
Coil Insulation	Class "A": 105°C max.
Coil Termination	254 mm PVC leads
Plunger Weight	158.8 g
Total Weight	878.9 g

Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	95	60	14
Maximum ON Time (sec) for single pulse	∞	1548	491	139
Watts (@ 20°C)	19	38	76	190
Ampere Turns (@ 20°C)	1981	2807	3963	6274

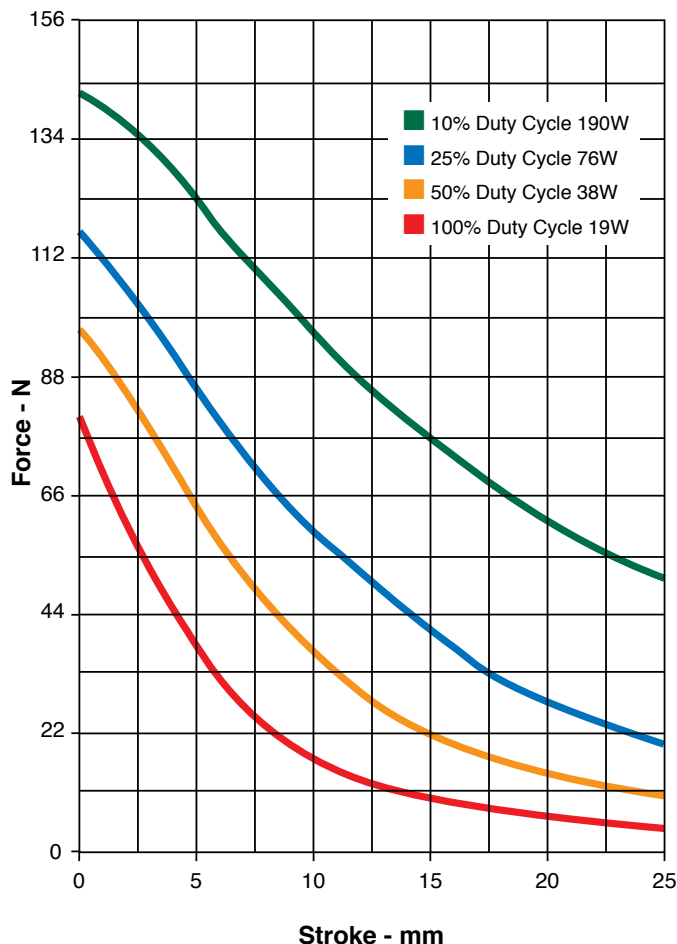
Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B41M-255-B-1	1.84	608	6	8.5	12	19
B41M-254-B-1	7.67	1432	12	17	24	38
B41M-253-B-1	30.19	2814	24	34	48	76
B41M-252-B-1	121.5	5610	48	68	96	152
B41M-251-B-1	793.46	14259	120	173	240	388

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.

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 B41M-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

mm

All solenoids are illustrated in energised state

