

Ledex® Magnetic Latching Box Frame Size B17M-L

Part Number: B17M - L - X XX - B- 3

All products are RoHS Compliant

LINEAR Open Frame

Coil Selection
(from performance chart below)

Pole Configuration
1 Flat Face

Specifications

Operation	Pull
Dielectric Strength	500 VRMS for one second
Unlatch Voltage	See schematic and coil data below
Magnet Hold Force*	2.5 N
Coil Insulation	Class " B": 130°C max.
Coil Termination	254 mm PVC lead wires
Spring Force	0.175 N/mm; 0.67 N latched position
Plunger Pole Face	Flat face (other options available)
Plunger Weight	2.46 g
Total Weight	19.85 g

* In no power, latched position, with return spring

Performance

	Unlatch Voltage			
	50%	25%	10%	
Maximum Duty Cycle				
Recommended Max ON Time (sec)	1	1	1	1
Watts (@ 20°C)	1.6	3.2	6.4	16
Ampere Turns (@ 20°C)	292	414	584	923

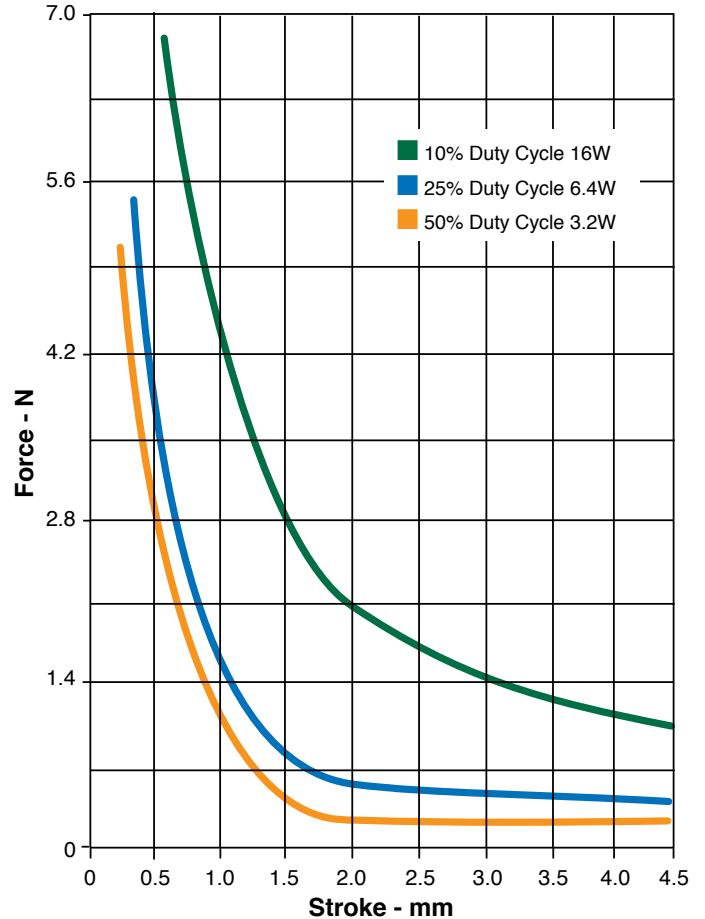
Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	Unlatch VDC	VDC (Nom)	VDC (Nom)	VDC (Nom)
B17M-L-158-B-3	5.40	556	3	4	6	9
B17M-L-155-B-3	21.93	1112	6	8.5	12	19
B17M-L-156-B-3	50.20	1540	9	12	18	28.3
B17M-L-154-B-3	88.95	2208	12	17	24	38
B17M-L-153-B-3	337.00	3687	24	34	48	76
B17M-L-152-B-3	1465.00	9177	48	68	96	153

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.

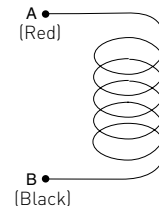
Typical Force @ 20°C (Net, with Spring)



Coil Polarity

Latch: A+ B-

Unlatch: A- B+



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 B17M-L-153-B-5.

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

