

Ledex® Box Frame Size B22 — DC Operation

Part Number: B22 - **XXX** - M-36

All catalog products manufactured after
April 1, 2006 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	8 lbs (35.6 N) at 20°C
Coil Insulation	Class "A": 105°C max. temperature standard. Other temperature classes are available
Coil Termination	3/16" QC
Plunger Weight	1.4 oz. (39.7 g)
Total Weight	7.5 oz. (212.6 g)
Dimensions	See page H40

Performance

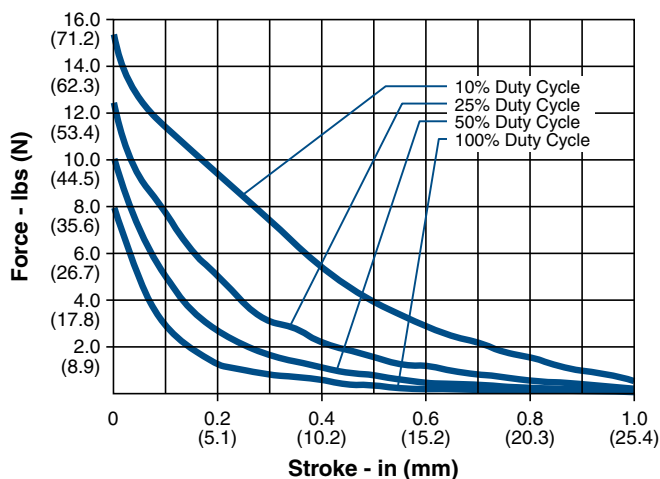
Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	52	23	9
Maximum ON Time (sec) for single pulse	∞	485	167	47
Watts (@ 20°C)	9.9	19.8	39.6	99
Ampere Turns (@ 20°C)	1046	1482	2093	3314
Coil Data				

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B22-255-M-36	3.64	635	6	8.5	12	19
B22-254-M-36	14.55	1300	12	17	24	38
B22-253-M-36	58.18	2578	24	34	48	76
B22-252-M-36	232.73	5103	48	68	96	152
B22-251-M-36	1493	12744	120	172	240	385

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 B22-253-M-36.

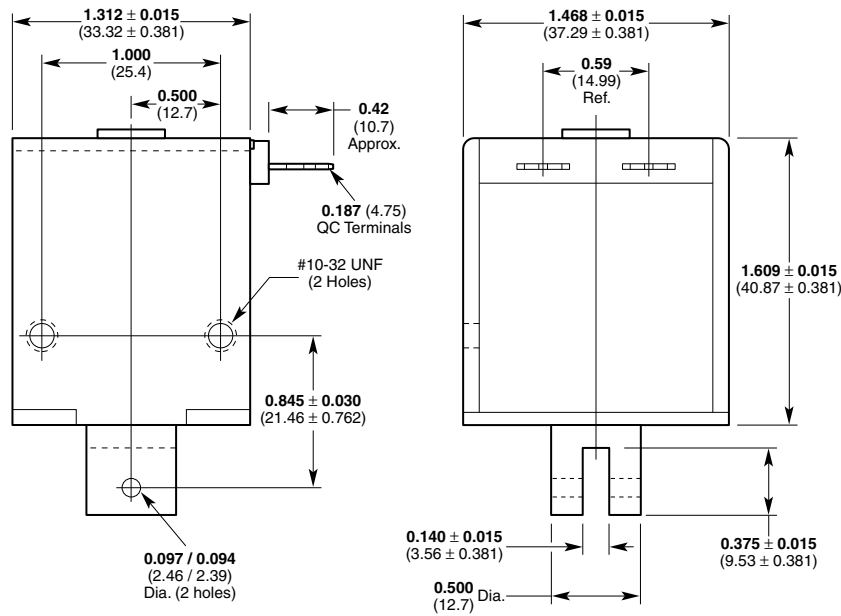
Please see www.ledex.com (click on Stock Products tab) for our list of stock products available through our North American distributors.

Ledex® Box Frame Dimensions

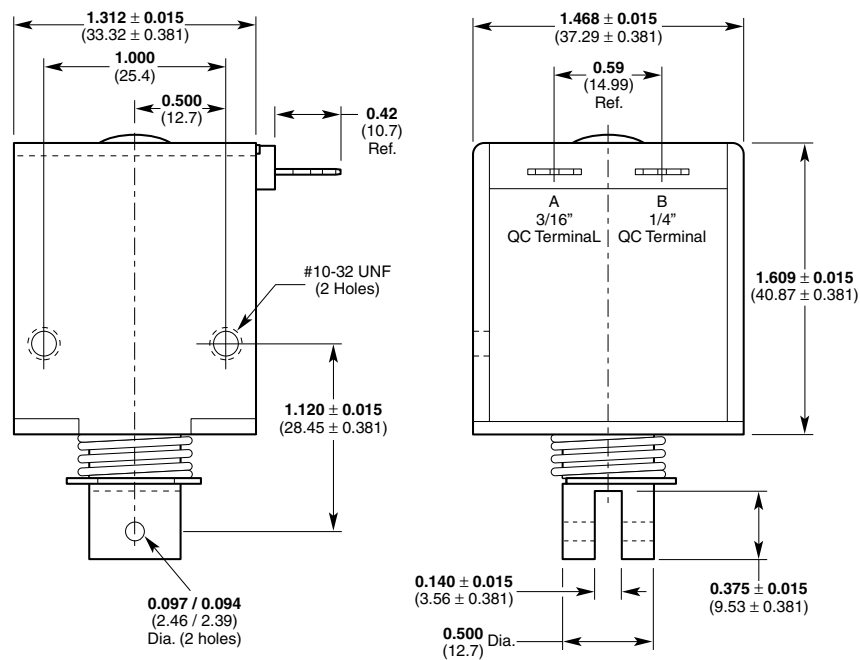
Inches (mm)

All solenoids are illustrated in energized state

B22



B22-L



All specifications subject to change without notice.