

Ledex® C Frame Size C33 — DC Operation

Part Number: C33 - - M- 33

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	At 20°C ambient temperature.
Intermittent Duty Cycle	See below
Holding Force	4.25 lbs (18.9 N) at 20°C
Coil Insulation	Class "A": 105°C max. temperature standard. Other temperature classes are available
Coil Termination	1/4" QC
Plunger Weight	0.5 oz. (14.2 g)
Total Weight	3.9 oz. (110.6 g)
Dimensions	See page H47

Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	38	16	6
Maximum ON Time (sec) for single pulse	∞	379	145	38
Watts (@ 20°C)	7	14	28	70
Ampere Turns (@ 20°C)	828	1172	1656	2622

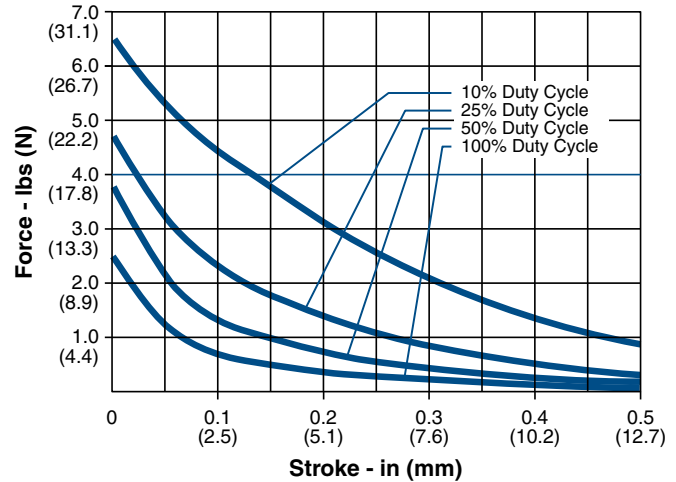
Coil Data

Part Number (Nom)	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
C33-273-M-33	5.38	747	6	8.5	12	19
C33-272-M-33	21.00	1458	12	17	24	38
C33-271-M-33	81.20	2812	24	34	48	76
C33-270-M-33	329.25	5616	48	68	96	152
C33-269-M-33	2043	13623	120	169	240	378

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Magnetic latching versions available.
- 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 C33-271-M-33.

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

Force values for reference only.

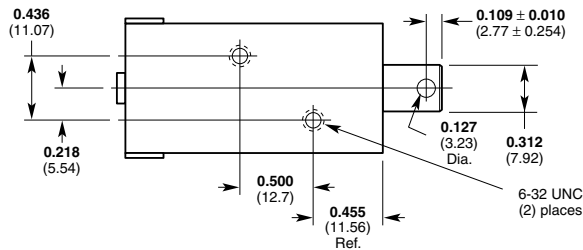
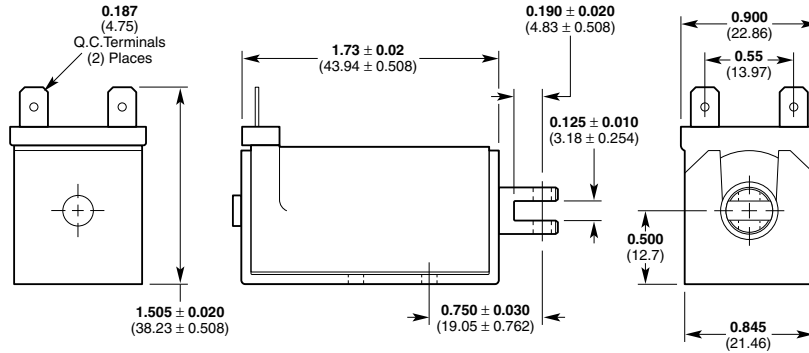
All specifications subject to change without notice.

Ledex® C Frame Dimensions

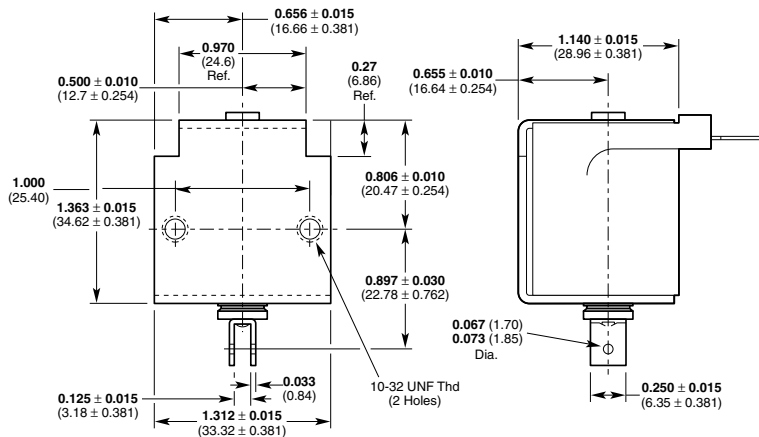
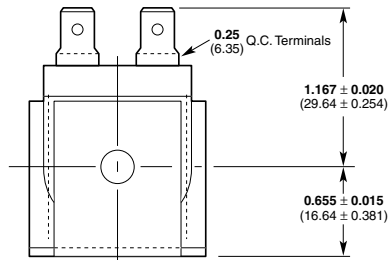
Inches (mm)

All solenoids are illustrated in energized state

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C33



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LINEAR Open Frame