

# Ledex® C Frame Size C8 — DC Operation

Part Number: C8 - XXX - M- 36

All catalog products manufactured after April 1, 2006 are RoHS Compliant

Select from performance chart below

## Specifications

|                         |   |
|-------------------------|---|
| Operation               | Pull  |
| Dielectric Strength     | 500 VRMS for one second   |
| Continuous Duty Cycle   | 100% at 20°C ambient temperature  |
| Intermittent Duty Cycle | See below   |
| Holding Force           | 2.24 lbs (9.96 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          | 0.4 oz. (11.3 g)  |
| Total Weight            | 1.6 oz. (45.4 g)  |
| Dimensions              | See page H45  |

## Performance

| Maximum Duty Cycle                             | 100% | 50% | 25% | 10%  |
|--|------|-----|-----|------|
| Maximum ON Time (sec) when pulsed continuously | ∞    | 19  | 9   | 3    |
| Maximum ON Time (sec) for single pulse         | ∞    | 286 | 92  | 27   |
| Watts (@ 20°C)                                 | 3.6  | 7   | 14  | 35   |
| Ampere Turns (@ 20°C)                          | 464  | 657 | 929 | 1470 |

### Coil Data

| Part Number | Resistance (@20°C) | Ref # Turns | VDC (Nom) | VDC (Nom) | VDC (Nom) | VDC (Nom) |
|-------------|--------------------|-------------|-----------|-----------|-----------|-----------|
| C8-276-M-36 | 2.56               | 404         | 3         | 4.2       | 5.9       | 9.3       |
| C8-273-M-36 | 9.30               | 752         | 6         | 8.5       | 12        | 19        |
| C8-274-M-36 | 23.2               | 1252        | 9         | 12.7      | 18        | 28.5      |
| C8-272-M-36 | 37.12              | 1484        | 12        | 17        | 24        | 38        |
| C8-271-M-36 | 150.73             | 2736        | 24        | 34        | 48        | 76        |
| C8-270-M-36 | 621.54             | 5544        | 48        | 68        | 96        | 152       |
| C8-269-M-36 | 3824               | 15035       | 120       | 164       | 231       | 366       |

### NOTES:

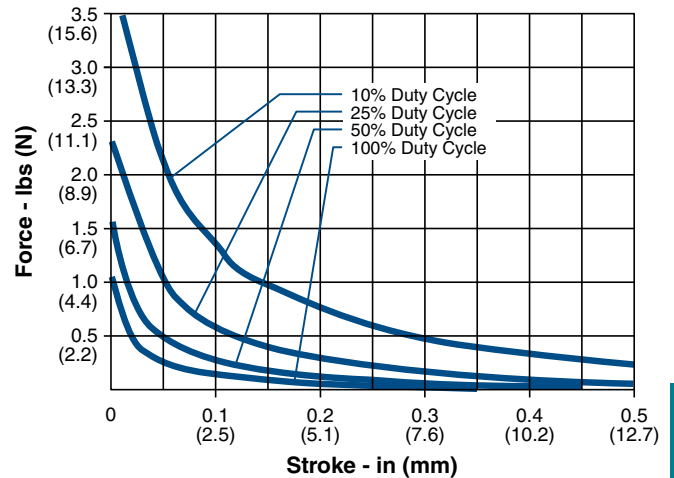
- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Magnetic latching versions available.
- Pull versions standard; push versions available.
- Other coil terminations available.

- Well-suited for battery operation.



See the "Battery Operated Solenoids" section for complete information.

## 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 C8-271-M-36.

Please see [www.ledex.com](http://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.

