Ledex® Magnetic Latching Box Frame Size B17-L

Part Number: B17-L-XX-B-3

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* 10 oz. (2.5 N)
Coil Insulation Class “B”: 130°C max.
Coil Termination 10” (254 mm) PVC lead wires
Spring Force 16.0 oz/in, 2.4 oz latched position
Plunger Pole Face Flat face (other options available)
Plunger Weight 0.08 oz. (2.46 g)
Total Weight 0.70 oz. (19.85 g)*In no power, latched position.

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

Performance

Maximum Duty Cycle

<table>
<thead>
<tr>
<th>Voltage</th>
<th>50%</th>
<th>25%</th>
<th>10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts</td>
<td>1.6</td>
<td>3.2</td>
<td>6.4</td>
</tr>
<tr>
<td>Ampere Turns</td>
<td>292</td>
<td>414</td>
<td>584</td>
</tr>
</tbody>
</table>

Coil Data

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Resistance (@20°C)</th>
<th>Ref # Turns</th>
<th>Unlatch VDC</th>
<th>VDC (Nom)</th>
<th>VDC (Nom)</th>
<th>VDC (Nom)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B17-L-158-B-3</td>
<td>5.40</td>
<td>556</td>
<td>3</td>
<td>4</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>B17-L-155-B-3</td>
<td>21.93</td>
<td>1112</td>
<td>6</td>
<td>8.5</td>
<td>12</td>
<td>19</td>
</tr>
<tr>
<td>B17-L-156-B-3</td>
<td>50.20</td>
<td>1540</td>
<td>9</td>
<td>12</td>
<td>18</td>
<td>28.3</td>
</tr>
<tr>
<td>B17-L-154-B-3</td>
<td>88.95</td>
<td>2208</td>
<td>12</td>
<td>17</td>
<td>24</td>
<td>38</td>
</tr>
<tr>
<td>B17-L-153-B-3</td>
<td>337.00</td>
<td>3687</td>
<td>24</td>
<td>34</td>
<td>48</td>
<td>76</td>
</tr>
<tr>
<td>B17-L-152-B-3</td>
<td>1465.00</td>
<td>9177</td>
<td>48</td>
<td>68</td>
<td>96</td>
<td>153</td>
</tr>
</tbody>
</table>

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.

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 B17-L-155-B-3.)

Please see www.ledex.com for our list of stock products available through our North American distributors.
Ledex® Magnetic Latching Box Frame Size B17-L

Dimensions

All specifications subject to change without notice.