1500 Series
Models 1502, 1502ES & 1504 dual coil solenoids
Pull Force Range: 10-12 lbs (44-53 N)
Hold Force Range: 19-28 lbs (85-125 N)

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Voltage</th>
<th>Pull Rating*</th>
<th>Hold Rating*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1502</td>
<td>12/24 Vdc</td>
<td>10 lbs (44 N)</td>
<td>24 lbs (107 N)</td>
</tr>
<tr>
<td>1502ES</td>
<td>12/24 Vdc</td>
<td>10 lbs (44 N)</td>
<td>28 lbs (125 N)</td>
</tr>
<tr>
<td>1504</td>
<td>12/24 Vdc</td>
<td>12 lbs (53 N)</td>
<td>19 lbs (85 N)</td>
</tr>
</tbody>
</table>

*At rated voltage, 68°F (20°C), and 1" (25.4 mm) stroke

Return Spring
Model                     | Force @ 1"
S1 Light                  | 2.0-6.7 lbs (8.9-29.8 N)
S2 Medium                 | 4.0-8.4 lbs (17.8-37.4 N)

Order Information: Complete the following model descriptions to build your Order No.

When you order: Add A to your order number for the Aux Terminal option available on internally switched models. Certain combinations may not be standard models. Please contact factory to determine whether a custom-built model is required for your application.
Mounting Styles:

**MOUNTING STYLE A**

*Flange Mount*

- TERMINAL TYPE 1 SCREW #8-32 (2-PLACES)
- RETURN SPRING

**MOUNTING STYLE B**

*Threaded Mount*

- TERMINAL TYPE 1 SPADE 1/4" (2-PLACES)

**MOUNTING STYLE C**

*Base Mount*

- COIL LEAD COLOR: GREEN
- COIL LEAD COLOR: WHITE
- 25" FEMALE QUICK CONNECT

**MOUNTING STYLE D**

*Flange Mount*

- AUX. TERMINAL SCREW #6-32 (2-PLACES)
- RETURN SPRING (OPTIONAL)

Specifications:

- **Temperature Range**: -40°F to +250°F (-40°C to +121°C)
- **Weight**: 1.0 lbs (0.5 kg)

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Voltage</th>
<th>Rated Stroke</th>
<th>Pull Current</th>
<th>Hold Current</th>
<th>Pull Rating*</th>
<th>Hold Rating*</th>
<th>Coil Winding</th>
</tr>
</thead>
<tbody>
<tr>
<td>1502</td>
<td>12 Vdc</td>
<td>1&quot; (25.4 mm)</td>
<td>30 A</td>
<td>0.7 A</td>
<td>10 lbs (44 N)</td>
<td>24 lbs (107 N)</td>
<td>Parallel</td>
</tr>
<tr>
<td>1502</td>
<td>24 Vdc</td>
<td>1&quot; (25.4 mm)</td>
<td>16 A</td>
<td>0.24 A</td>
<td>10 lbs (44 N)</td>
<td>24 lbs (107 N)</td>
<td>Parallel</td>
</tr>
<tr>
<td>1502ES</td>
<td>12 Vdc</td>
<td>1&quot; (25.4 mm)</td>
<td>30 A</td>
<td>0.7 A</td>
<td>10 lbs (44 N)</td>
<td>28 lbs (125 N)</td>
<td>Parallel</td>
</tr>
<tr>
<td>1502ES</td>
<td>24 Vdc</td>
<td>1&quot; (25.4 mm)</td>
<td>16 A</td>
<td>0.24 A</td>
<td>10 lbs (44 N)</td>
<td>28 lbs (125 N)</td>
<td>Parallel</td>
</tr>
<tr>
<td>1504</td>
<td>12 Vdc</td>
<td>1&quot; (25.4 mm)</td>
<td>41 A</td>
<td>0.76 A</td>
<td>12 lbs (53 N)</td>
<td>19 lbs (85 N)</td>
<td>Parallel</td>
</tr>
<tr>
<td>1504</td>
<td>24 Vdc</td>
<td>1&quot; (25.4 mm)</td>
<td>22 A</td>
<td>0.37 A</td>
<td>12 lbs (53 N)</td>
<td>19 lbs (85 N)</td>
<td>Parallel</td>
</tr>
</tbody>
</table>

*At rated voltage, 68°F (20°C), and 1" (25.4 mm) stroke*

Specifications are for reference only.