AC Laminated Solenoid

Model 18

Features:
- High stroke force
- High holding force
- Brass plunger guide
- See model 18P for Push Model
- UL recognized

Electrical:
- Coil Voltages: 120, 240 VAC standard
- Coil Termination: 1/4” Quick Connects
- Duty Cycle: 100% Continuous, 10% Intermittent
- Coil treatment: Encapsulated, Tape Wrapped
- Insulation Class: Class A Rating - 105° C (221° F)
- Dielectric Strength: 1500V 60 Hz

Mechanical:
- Size: 2.5” (L) x 1.8”(W) x 2.1”(H)
- Plunger Width: 0.7”
- Plunger Guide Material: Steel
- Mounting: 6 0.208” holes
- Weight: Plunger 4.5 oz, Total 17 oz
- Life Expectancy: 250,000 Cycles

Features:
- Dependent on load conditions

Standard Part Numbers

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Part No.</th>
<th>Duty Cycle</th>
<th>Voltage</th>
<th>Resistance (Ω)</th>
<th>Power (VA)</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-C-120A</td>
<td>A421-062510-08</td>
<td>Cont.</td>
<td>120VAC</td>
<td>8</td>
<td>228</td>
<td>1.9 A</td>
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<tr>
<td>18-I-120A</td>
<td>A421-062510-07</td>
<td>Inter. 10%</td>
<td>120VAC</td>
<td>20.3</td>
<td>49</td>
<td>408 mA</td>
</tr>
<tr>
<td>18-C-240A</td>
<td>A421-062510-10</td>
<td>Cont.</td>
<td>240VAC</td>
<td>46.9</td>
<td>228</td>
<td>950 mA</td>
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<tr>
<td>18-I-240A</td>
<td>A421-062510-09</td>
<td>Inter. 10%</td>
<td>240VAC</td>
<td>80.7</td>
<td>49</td>
<td>204 mA</td>
</tr>
</tbody>
</table>

Available Customization:
- Plunger Connection
- Coil Treatment
- Quick Connect or Lead
- Insulation systems up to class H 180° C (356° F)

Typical Pull Force Ounces [N] @ 20°C (68°F)

<table>
<thead>
<tr>
<th>Stroke (in.)</th>
<th>0.125</th>
<th>0.250</th>
<th>0.375</th>
<th>0.500</th>
<th>0.625</th>
<th>0.750</th>
<th>1.000</th>
</tr>
</thead>
</table>

Continuous Duty 100% = 100% On Time
Intermittent Duty 10% = 10% On Time (3 Minutes On Max Followed By 27 Minutes Off)