Solenoid Valve
FDF Series 2-position 3-way Solenoid Valve

Outline

FDF series 2-position 3-way solenoid valve is used in dual temperature/double control household refrigerators and similar small scale refrigeration systems for switch of refrigerant flow path.

Features
- Little inner leakage;
- Low operation noise

General spec.
- Applicable refrigerant: R600a, R134a, R22, R407C
- Applicable medium temperature: -30°C ~ +65°C
- Applicable ambient temperature: -20°C ~ +60°C
- Relative humidity: below 95%RH
- Rated voltage: DC24V, AC110V ~ 120V, AC220V ~ 240V;
- Frequency: 50/60Hz

Technical Parameters

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage V</th>
<th>Max. Working Pressure MPa</th>
<th>Max. Opening Differential Pressure MPa</th>
<th>Air Flow L/h</th>
<th>Applicable Refrigerant</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDF0.83/2D</td>
<td>AC110V-120V, AC220V-240V, 50/60Hz</td>
<td>2.5</td>
<td>1.8</td>
<td>&gt; 1Δ</td>
<td>R600a,R134a</td>
</tr>
<tr>
<td>FDF0.83/2D</td>
<td>DC24V</td>
<td>2.5</td>
<td>1.8</td>
<td>&gt; 1Δ</td>
<td>R600a,R134a</td>
</tr>
<tr>
<td>FDF1.43/2D</td>
<td>DC24V</td>
<td>4.2</td>
<td>2.5</td>
<td>&gt; 1Δ</td>
<td>R22,R407C,R134a</td>
</tr>
</tbody>
</table>

Dimensions
Product structure and interface dimensions can be customized according to the customer’s requirements.