12025
100VAC to 240VAC Energy Saving EC Fan

- **General Specifications**
  - Frame Size: 120x120x25mm
  - Material: Frame: Plastic (UL94V-0), Impeller: Plastic (UL94V-0)
  - Motor Protection: EC series fans have auto restart function
  - Input Voltage: A rated voltage range of 100VAC~240VAC (50/60Hz)
  - Rotation speed remains constant even at different input voltages
  - Dielectric Strength: 50/60Hz 1500VAC 1min (Between input terminal and frame)
  - Temperature Range:
    - Operating temperature: -30°C~70°C (Non-condensing)
    - Storage temperature: -40°C~70°C (Non-condensing)
  - Expected life: Ball Bearing 50,000hrs at 40°C (approximately 6 years)
  - Fan Specifications:
    - RD or FG
    - PWM with RD or FG signal have 5 lead wires. PWM is Blue color, Brown is Ground

- **Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Bearing Type</th>
<th>Rated Voltage</th>
<th>Input Current</th>
<th>Input Power</th>
<th>Speed</th>
<th>Max Air Flow</th>
<th>Max Static Pressure</th>
<th>Noise</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC12025B**HL(T)</td>
<td>B</td>
<td>100~240VAC&amp;VDC</td>
<td>0.10</td>
<td>6.00</td>
<td>3000</td>
<td>79.16</td>
<td>0.18</td>
<td>43.74</td>
<td>44.8</td>
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<tr>
<td>EC12025B**ML(T)</td>
<td>B</td>
<td>100~240VAC&amp;VDC</td>
<td>0.08</td>
<td>3.80</td>
<td>2600</td>
<td>69.77</td>
<td>0.13</td>
<td>33.15</td>
<td>41.9</td>
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<tr>
<td>EC12025B**LL(T)</td>
<td>B</td>
<td>100~240VAC&amp;VDC</td>
<td>0.06</td>
<td>2.40</td>
<td>2200</td>
<td>58.10</td>
<td>0.10</td>
<td>24.52</td>
<td>37.0</td>
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</tbody>
</table>

Specifications are subject to change without notice. Please visit our website at www.ecdrives.com for update information.

- **Dimensions (Unit:mm)**

- **Wiring Diagram**

- **PQ Curve (At rated Voltage)**

Note: "00" is 100VAC, "11" is 110VAC, "22" is 220VAC, (L) is Leadwire, (T) is Terminal.