PowerFlex 520-Series Control Module Fan Kit Installation

Catalog Numbers: 25-FAN1-70C, 25-FAN2-70C

**IMPORTANT**

The PowerFlex 520-Series Control Module Fan Kit is required for the following installations:

- Horizontal mounting: up to 70 °C (max)
- Vertical mounting: 60...70 °C (max)
- Horizontal mounting and zero stacking: up to 65 °C (max)
- Vertical mounting and zero stacking: 55...65 °C (max)

1. **Wait three minutes after shutdown for capacitors to discharge to safe voltage levels.**

2. **Install the Control Module Fan**
   - For Frame A...D
   - For Frame E

3. **Note:** Fan kit installs to the same location above the control module across all frame sizes except frame E.
4 Wiring the Control Module Fan
Frame A...C

Note: An external 24V DC power source is required when using the Control Module Fan Kit with drive frames A, B, and C. Frames D and E have a built-in 24V supply.

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Torque</th>
<th>Voltage</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.32 mm² (22 AWG)</td>
<td>0.29...0.39 Nm (2.6...3.47 lb-in)</td>
<td>22.8...27.6V DC</td>
<td>0.10...0.15 A</td>
</tr>
</tbody>
</table>

Dimensions
All dimensions are in mm (in.)

Frame D

Frame E

Note: Remove the label to access the built-in 24V supply on drive frames D and E.

Frame A...D

Frame E

Note: Frames D and E cannot be mounted on a DIN-rail.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters
America: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Klercklaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Centre F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846