

PFB0924GHE-5L3N Delta 24VDC 92x92x38mm Axial Fan Datasheet



Brand: Delta

SKU: [920059407888](#)

Category: Axial & Centrifugal Fans

Price: **\$42.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/pfb0924ghe-5l3n-delta-24vdc-92x92x38mm-axial-fan>

Product Description

The Delta PFB0924GHE-5L3N is a high-performance Axial Fan engineered for rigorous thermal management in industrial power electronics. Utilizing advanced DC brushless motor technology paired with a precision dual ball bearing architecture, this unit delivers exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller is designed to generate high static pressure, effectively overcoming thermal impedance in densely packed enclosures. Specifically calibrated for reliability, this component serves as a critical cooling solution for maintaining optimal operating temperatures in variable frequency drives and power inverters.

Model Number: PFB0924GHE-5L3N

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.76 A

Power: 18.24 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 110.18 CFM (187.2 m³/h / 3.12 m³/min)

Max. Static Pressure: 21.5 mmH₂O (210.8 Pa / 0.85 inH₂O)

Dimensions: 92 x 92 x 38 mm

Weight: 250 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 61.5 dB-A

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2-Wire Lead

Ingress Protection: IP20

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Origin: Thailand

Application: ABB Inverter Spare Part

This cooling module is primarily deployed in industrial automation environments, specifically functioning as the OEM replacement fan for ABB variable frequency drives and inverter systems. The PFB0924GHE-5L3N provides critical airflow to heat sinks cooling IGBT modules and capacitor banks, ensuring system uptime in manufacturing plants and control rooms. Additionally, the PFB0924GHE-5L3N is utilized in telecommunications rectifiers, CNC machine control cabinets, and high-density server racks where robust static pressure is required to force air through restricted ventilation paths.

Supplemental Images
