

AFB0624MB-6x27 Delta 24VDC 0.10A 60x60x15mm Axial Fan Datasheet



Brand: Delta

SKU: [963253282423](#)

Category: Axial & Centrifugal Fans

Price: **\$15.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0624mb-6x27-delta-24vdc-0-10a-60x60x15mm-axial-fan>

Product Description

The Delta AFB0624MB-6x27 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced DC brushless motor technology, this unit ensures consistent airflow delivery while maintaining optimal energy efficiency. The architecture features a robust Dual Ball Bearing system, significantly enhancing structural rigidity and extending operational lifespan under continuous load. Its aerodynamic impeller design minimizes turbulence, resulting in a favorable noise-to-airflow ratio and reduced thermal impedance within high-density enclosures. Engineered for reliability, the AFB0624MB-6x27 provides stable cooling performance, making it an essential component for maintaining the integrity of sensitive drive systems and automation hardware.

Model Number: AFB0624MB-6x27

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.10 A

Power: 2.40 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 13.45 CFM (22.85 m³/h / 0.38 m³/min)

Max. Static Pressure: 3.65 mmH₂O (35.79 Pa / 0.14 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 44 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Wire Lead (150mm length)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Noise Level: 29.0 dB(A)

Safety Protection: Impedance Protected, Reverse Polarity

This cooling solution is specifically calibrated for integration into industrial automation equipment, serving as a direct replacement for thermal management in Yaskawa 5 Series Drives. The AFB0624MB-6x27 excels in environments requiring consistent heat dissipation, such as servo drive cabinets, CNC machinery control panels, and compact power supply units. By maintaining optimal operating temperatures, the AFB0624MB-6x27 prevents thermal throttling in sensitive electronic components, ensuring the longevity and reliability of mission-critical telecommunications hardware and factory automation systems.

Supplemental Images

