

DSB0624VH-6U06 Delta 24VDC 60x60x25mm 3-Wire Axial Fan Datasheet



Brand: Delta

SKU: [928186715503](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The Delta DSB0624VH-6U06 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics and power conversion systems. Utilizing an advanced sleeve bearing architecture, this unit balances structural rigidity with aerodynamic efficiency to deliver consistent airflow in compact environments. The motor assembly operates on a 24VDC platform, optimized for low power consumption while maintaining high static pressure capabilities essential for overcoming system impedance. Its thermoplastic housing ensures durability and compliance with flammability standards, making it an ideal solution for inverter cooling and high-density component ventilation where thermal reliability and reduced thermal impedance are paramount.

Model Number: DSB0624VH-6U06

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Power Input: 3.12 W

Rated Speed: 4500 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 26.63 CFM (45.24 m³/h / 0.75 m³/min)

Max. Static Pressure: 7.85 mmH₂O (77.0 Pa / 0.31 inH₂O)

Dimensions: 60x60x25mm

Weight: 68 g

Life Expectancy: 40,000 Hours at 40°C

Noise Level: 38.0 dBA

Termination: 3-Wire (Lead Wire)

Speed Control: Tachometer Output (Frequency Generator)

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20

Insulation Class: Class A

Safety Certifications: UL, cUL, TUV, CE

Mounting Orientation: Any

This cooling solution is specifically engineered for variable frequency drives and industrial inverters, where the DSB0624VH-6U06 ensures optimal operating temperatures for sensitive power electronics. Its compact 60mm footprint allows for seamless integration into rack-mounted server chassis, telecommunications equipment, and precision medical instrumentation. The DSB0624VH-6U06 is also widely utilized in CNC control panels and power supply units, providing the necessary airflow to prevent thermal throttling in continuous-duty applications.

Supplemental Images

