

AUB0524VHD-DX01 Delta 24VDC 0.15A 50x50x20mm Axial Fan Datasheet



Brand: Delta

SKU: [1020378954611](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/aub0524vhd-dx01-delta-24vdc-0-15a-50x50x20mm-axial-fan>

Product Description

The Delta AUB0524VHD-DX01 is a precision-engineered axial cooling solution designed for high-reliability industrial environments. Utilizing Delta's proprietary Superflo bearing technology, this unit offers an optimized balance between structural rigidity and reduced friction, significantly extending operational lifespan compared to traditional sleeve bearings. The 24VDC motor integrates advanced commutation logic to minimize thermal impedance and electromagnetic interference. Its aerodynamic impeller geometry ensures consistent static pressure delivery, making it suitable for densely packed electronic enclosures requiring sustained thermal management.

Model Number: AUB0524VHD-DX01

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15 A

Power: 3.60 W

Rated Speed: 7000 RPM

Bearing Type: Superflo Bearing

Max. Air Flow: 20.30 CFM (34.49 m³/h / 0.57 m³/min)

Max. Static Pressure: 7.70 mmH₂O (75.5 Pa / 0.30 inH₂O)

Dimensions: 50x50x20mm

Weight: 25 g

Life Expectancy: 50,000 Hours @ 40°C

Noise Level: 36.5 dB-A

Termination: 3-Wire Lead with Connector

Speed Control: Tachometer Output (FG Signal)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Protection: Impedance Protected, Reverse Polarity

This high-efficiency cooling component is specifically engineered for thermal regulation in compact industrial electronics. The AUB0524VHD-DX01 is frequently deployed in variable frequency drives (VFDs), industrial inverters, and high-lumen projection systems where space is limited but heat dissipation requirements are critical. Additionally, the AUB0524VHD-DX01 serves as a reliable replacement part for network switches and server power supply units, ensuring continuous operation by maintaining optimal semiconductor temperatures.

Supplemental Images

