

AFB0624EH-AR00 Delta 24VDC 60x60x25mm Alarm Axial Fan Datasheet



Brand: Delta

SKU: [684491413482](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

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Product Description

The Delta AFB0624EH-AR00 is a high-reliability DC Axial Fan engineered for demanding thermal management applications requiring sustained airflow and durability. Utilizing advanced aerodynamic blade geometry, this unit optimizes airflow efficiency while minimizing turbulence-induced noise, ensuring effective heat dissipation in compact enclosures. The construction features a robust thermoplastic housing that ensures structural rigidity under high rotational speeds. Equipped with a precision Two Ball Bearing system, it offers superior longevity and reduced friction compared to sleeve alternatives, significantly extending the mean time between failures (MTBF). The integrated electronic commutation ensures stable operation, effectively lowering thermal impedance within enclosed systems, while the specialized alarm signal output provides critical feedback for system health monitoring.

Model Number: AFB0624EH-AR00

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.36 A

Input Power: 8.64 W

Rated Speed: 6800 RPM

Bearing Type: 2 Ball Bearing

Max. Air Flow: 38.35 CFM (65.16 m³/h / 1.08 m³/min)

Max. Static Pressure: 13.81 mmH₂O (135.4 Pa / 0.54 inH₂O)

Noise Level: 46.5 dB-A

Dimensions: 60x60x25.4 mm

Weight: 80 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Wire Leads (Red +, Black -, Blue Alarm)

Output Signal: AR00 (Locked Rotor Alarm/Fault Sensor)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20 (Standard)

Insulation Class: Class A

Safety Certifications: UL, cUL, TUV, CE

The AFB0624EH-AR00 is specifically designed for high-density electronic environments requiring consistent forced air cooling and active failure detection. Common deployment scenarios include variable frequency drives (VFDs), industrial inverters, and server rack enclosures where component density restricts natural convection. The AFB0624EH-AR00 ensures critical components remain within safe operating temperature ranges, preventing thermal throttling in telecommunications equipment and precision CNC machinery. Its integrated alarm signal feature makes it particularly suitable for mission-critical power supplies and medical devices where immediate notification of fan failure is mandatory for system safety.

Supplemental Images

