

# AFB0824SH-WA07 Delta 24VDC 80x80x25mm 0.33A Axial Fan Datasheet



**Brand:** Delta

**SKU:** 931473974933

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

---

Product Page:

<https://www.equipspares.com/product/afb0824sh-wa07-delta-24vdc-80x80x25mm-0-33a-axial-fan>

---

## Product Description

---

The Delta AFB0824SH-WA07 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing advanced dual ball bearing architecture, this unit ensures exceptional longevity and structural rigidity under continuous operation. The aerodynamic impeller design optimizes airflow dynamics to minimize thermal impedance within high-density enclosures. Engineered with a 3-wire configuration featuring a fault alarm signal, it provides real-time status monitoring essential for inverter and chassis stability. The robust housing meets rigorous industrial standards, delivering reliable cooling performance while maintaining operational efficiency in demanding electrical applications.

Model Number: AFB0824SH-WA07

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.33 A

Power: 7.92 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 46.62 CFM (79.21 m<sup>3</sup>/h / 1.32 m<sup>3</sup>/min)

Max. Static Pressure: 6.78 mmH<sub>2</sub>O (66.48 Pa / 0.27 inH<sub>2</sub>O)

Dimensions: 80 x 80 x 25 mm

Weight: 80 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: Locked Rotor Sensor (Alarm/RD)

Signal Output: 3-Wire (Black - Negative, Red - Positive, Yellow - Alarm)

Noise Level: 40.0 dBA

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Termination: Lead Wires

Protection: Locked Rotor Protection, Polarity Protection

Application: Inverter Cooling, Server Chassis

This electromechanical component is specifically calibrated for forced convection in industrial automation equipment, including variable frequency drives and power inverters. The AFB0824SH-WA07 integrates seamlessly into server rack chassis and telecommunications cabinets where sustained airflow is mandatory. Additionally, the AFB0824SH-WA07 is utilized in CNC control modules and medical instrumentation, ensuring thermal stability for sensitive electronic components subject to variable load conditions.

## Supplemental Images

---

