

# DB04028B12U-P162 AVC 12VDC 40x40x28mm 4-Wire Axial Fan Datasheet



**Brand:** AVC

**SKU:** [1027624370845](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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

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

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Product Page:

<https://www.equipspares.com/product/db04028b12u-p162-avc-12vdc-40x40x28mm-4-wire-axial-fan>

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## Product Description

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The AVC DB04028B12U-P162 is a high-density axial fan designed for precision thermal management in compact industrial environments. Operating at 12VDC with a current draw of 0.66A, this 40x40x28mm cooling solution delivers exceptional static pressure and airflow for its size. Equipped with a dual ball bearing system, the DB04028B12U-P162 ensures long-term reliability and stable operation at high speeds. The 4-wire configuration supports PWM speed control and tachometer output, making it an ideal industrial cooling fan for servers and telecommunications equipment where 12VDC power and 40mm dimensions are required.

Model Number: DB04028B12U-P162

Brand: AVC

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.66A

Power: 7.92W

Rated Speed: 13000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (0.665 m<sup>3</sup>/min)

Max. Static Pressure: 28.5 mmH<sub>2</sub>O (1.12 inH<sub>2</sub>O)

Dimensions: 40x40x28mm

Weight: 55g

Life Expectancy: 70,000 Hours at 40C

Speed Control: PWM Control

Monitoring Output: Tachometer / Frequency Generator

Termination: 4-Lead Wires

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10C to +70C

Storage Temperature: -40C to +75C

Protection: Locked Rotor Protection, Reverse Polarity Protection

The DB04028B12U-P162 is primarily utilized in high-density server racks, network switches, and telecommunications infrastructure where space is limited but heat dissipation requirements are extreme. Engineers integrate the DB04028B12U-P162 into 1U server chassis and medical diagnostic equipment to maintain optimal operating temperatures for sensitive internal components.

## Supplemental Images

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