FFB0412VHN-G716 Delta 12VDC 40x40x28mm Tachometer Axial Fan Datasheet

Brand: Delta

SKU: 725010262053

Category: Axial & Centrifugal Fans

Price: **$10.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ffb0412vhn-g716-delta-12vdc-40x40x28mm-tachometer-axial-fan

Product Description

The Delta FFB0412VHN-G716 is a precision-engineered axial fan designed for high-density thermal management applications requiring substantial static pressure and airflow throughput. Utilizing advanced DC motor technology coupled with a dual ball bearing architecture, this unit ensures exceptional structural rigidity and longevity under continuous operation. The aerodynamic impeller design minimizes thermal impedance while maximizing air delivery, making it suitable for compact enclosures where heat dissipation is critical. The robust housing construction meets industrial standards, providing reliable performance in demanding environments.

Model Number: FFB0412VHN-G716
Brand: Delta Electronics
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.24 A
Power: 2.88 W
Rated Speed: 13000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 24.01 CFM (40.8 m^3/h / 0.68 m^3/min)

Max. Static Pressure: 14.15 mmH_2O (138.7 Pa / 0.557 inH_2O)
Dimensions: 40 x 40 x 28 mm
Weight: 35 g
Life Expectancy: 70,000 Hours @ 40°C
Speed Control: Tachometer Output (3-Wire)
Noise Level: 51.5 dB-A
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Termination: 3 Lead Wires
Ingress Protection: IP55 (Standard for Series)
Safety Protection: Locked Rotor Protection, Polarity Protection

The FFB0412VHN-G716 is specifically engineered for high-performance cooling within restricted spaces, making it an ideal solution for 1U server racks and high-density telecommunications equipment. Its high static pressure capabilities allow the FFB0412VHN-G716 to effectively force air through dense heatsinks and tightly packed components found in industrial automation systems and network switches. Additionally, this model is frequently utilized in precision medical instrumentation and power supply units where reliability and consistent thermal regulation are paramount for system stability.

Supplemental Images


DC BRUSHLESS
MODEL FFB0412VHN
DC12V 0.24A -G716
PAT.
DELTA ELECTRONICS, INC.
MADE IN CHINA