EFB1724VHG-6D45 Delta 24VDC 172x150x51mm PWM Axial Fan Datasheet

Brand: Delta

SKU: 932043017863

Category: Axial & Centrifugal Fans

Price: **$29.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efb1724vhg-6d45-delta-24vdc-172x150x51mm-pwm-axial-fan

Product Description

The Delta EFB1724VHG-6D45 is a precision-engineered DC Axial Fan designed for critical thermal management in telecommunications and industrial infrastructure. Featuring a robust die-cast aluminum housing and a glass-fiber reinforced thermoplastic impeller, this unit ensures superior structural rigidity and minimized vibration under high-load operations. The motor utilizes advanced brushless DC technology paired with a maintenance-free ball bearing system to optimize longevity and reduce thermal impedance. Specifically configured as an Ericsson BKV301216-00EWA spare, it incorporates a 4-wire PWM speed control interface, allowing for dynamic duty cycle adjustments to balance airflow efficiency with acoustic performance in demanding environments.

Model Number: EFB1724VHG-6D45
Brand: Delta Electronics
Product Type: DC Axial Fan
OEM Part Number: Ericsson BKV301216-00EWA
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.70 A
Input Power: 40.8 W
Rated Speed: 4300 RPM
Max. Air Flow: 325.0 CFM (552.2 m^3/h / 9.20 m^3/min)

Max. Static Pressure: 24.5 mmH_2O (240.2 Pa / 0.96 inH_2O)
Bearing Type: Maintenance-Free Ball Bearing
Dimensions: 172mm x 150mm x 51mm
Frame Material: Die-Cast Aluminum
Impeller Material: Thermoplastic PBT (UL 94V-0)
Noise Level: 65.0 dB-A
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Leads
Ingress Protection: IP55 (Standard)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Life Expectancy: 70,000 Hours at 40°C
Weight: 840 g
Safety Certifications: UL, cUL, TUV, CE

The EFB1724VHG-6D45 is extensively utilized in high-density telecommunications equipment, specifically serving as a direct replacement component for Ericsson systems requiring the BKV301216-00EWA specification. Its high static pressure capabilities make it ideal for forced convection cooling in server racks, base station cabinets, and industrial automation enclosures where airflow is restricted by dense componentry. Additionally, the EFB1724VHG-6D45 is suitable for heat dissipation in power supply units and network switches, ensuring operational stability by effectively managing thermal loads in continuous-duty applications.

Supplemental Images


DC BRUSHLESS
MODEL EFB1724VHG
MADE IN CHINA (WF)