EFB0824EHF Delta 24VDC 0.35A 80x80x32mm Axial Fan Datasheet

Brand: Delta

SKU: 677516829726

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efb0824ehf-delta-24vdc-0-35a-80x80x32mm-axial-fan

Product Description

The Delta EFB0824EHF is a high-performance DC Axial Fan engineered for mission-critical industrial thermal management. Leveraging advanced brushless DC motor technology and a robust Dual Ball Bearing architecture, this unit provides exceptional rotational stability and minimized thermal impedance during continuous operation. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity, making it an ideal solution for systems with high airflow resistance. Its durable construction ensures reliability in demanding environments requiring precise temperature regulation.

Manufacturer: Delta Electronics
Model Number: EFB0824EHF
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Operating Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.35 A
Input Power: 8.40 W
Rated Speed: 5000 RPM
Max. Air Flow: 52.25 CFM (88.7 m^3/h / 1.48 m^3/min)
Max. Static Pressure: 9.02 mmH_2O (88.4 Pa / 0.355 inH_2O)
Bearing Type: Dual Ball Bearing

Noise Level: 42.5 dB-A
Dimensions: 80mm x 80mm x 32mm
Weight: 95.0 g
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Ingress Protection: IP Ratings Available
Insulation Class: Class A
Life Expectancy: 70,000 Hours at 40°C
Termination: Lead Wires (UL1007, 24AWG)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, cUL, TUV, VDE, CE

The EFB0824EHF is extensively utilized in the thermal regulation of variable frequency drives (VFDs) and heavy-duty power inverters where consistent heat dissipation is mandatory. Industrial automation systems and CNC control cabinets rely on the EFB0824EHF to maintain optimal operating temperatures for sensitive electronics. Additionally, this model is frequently integrated into server rack enclosures and telecommunications infrastructure, providing the necessary airflow to prevent thermal throttling in high-density computing environments.

Supplemental Images


DC BRUSHLESS
MODEL EFB0824EHF
DC24V 0.35A
1528LAR
DELTA ELECTRONICS, INC.
MADE IN CHINA