PFB1224GH-T7L5 Delta 24VDC 120x120x38mm 1.62A Axial Fan Datasheet

Brand: Delta

SKU: 755531900836

Category: Axial & Centrifugal Fans

Price: **$70.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/pfb1224gh-t7l5-delta-24vdc-120x120x38mm-1-62a-axial-fan

Product Description

The Delta PFB1224GH-T7L5 is a high-performance DC axial fan engineered for critical thermal management in industrial electronics, specifically designed as an OEM component for ABB inverters. Utilizing advanced brushless DC motor technology and a dual ball bearing architecture, this unit ensures exceptional structural rigidity and longevity under continuous operation. The aerodynamic impeller design optimizes static pressure delivery, making it ideal for high-impedance enclosures where overcoming system resistance is paramount for heat dissipation and thermal stability.

Model Number: PFB1224GH-T7L5
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.62 A
Power Consumption: 38.88 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 175.03 CFM (297.3 m^3/h / 4.95 m^3/min)
Max. Static Pressure: 22.5 mmH_2O (220.6 Pa / 0.88 inH_2O)
Dimensions: 120 x 120 x 38 mm

Weight: 380 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 61.5 dB-A
Housing Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Termination: 4-Wire Lead
Speed Control: PWM / Tachometer Output
Operating Temperature: -10°C to +60°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP55
Safety Certifications: UL, cUL, TUV, CE
Protection: Locked Rotor Protection, Polarity Protection

The PFB1224GH-T7L5 is specifically calibrated for high-demand industrial environments, serving as a primary cooling solution for ABB variable frequency drives and heavy-duty power inverters. Its robust airflow characteristics make the PFB1224GH-T7L5 equally suitable for telecommunications cabinets, high-density server racks, and CNC machinery control panels where reliable thermal regulation is critical to prevent component failure.

Supplemental Images