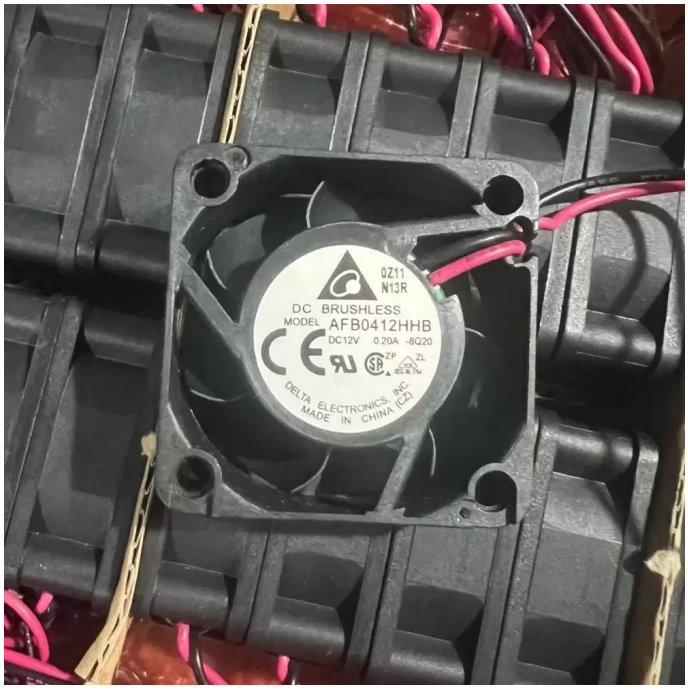
AFB0412HHB-8Q20 Delta 12VDC 40x40x15mm Axial Fan Datasheet



Brand: Delta

SKU: 987310248119

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/afb0412hhb-8q20-delta-12vdc-40x40x15mm-axial-fan

Product Description

The Delta AFB0412HHB-8Q20 is a compact DC Axial Fan engineered for high-density electronic environments requiring efficient thermal dissipation. Utilizing advanced Dual Ball Bearing technology, this unit ensures long-term operational stability and reduced friction, significantly extending the mean time between failures (MTBF). The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, making it suitable for applications demanding consistent static pressure and low thermal impedance within a confined footprint.

Model Number: AFB0412HHB-8Q20
Brand: Delta Electronics
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.20 A
Input Power: 2.40 W
Rated Speed: 8300 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 13.61 CFM (0.385 m^3/min)
Max. Static Pressure: 8.66 mmH_2O (84.9 Pa / 0.341 inH_2O)
Noise Level: 32.0 dB-A

Dimensions: 40 x 40 x 15 mm
Weight: 33 g
Termination: 2-Wire Leads
Housing Material: Plastic (UL 94V-0)
Impeller Material: Plastic (UL 94V-0)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Life Expectancy: 70,000 Hours (40°C)
Safety Certifications: UL, cUL, TUV, CE
Protection: Locked Rotor Protection, Polarity Protection

The AFB0412HHB-8Q20 is specifically designed for compact industrial and IT equipment where space is at a premium but airflow cannot be compromised. Common deployment scenarios include 1U server rack cooling, network switches, and precision medical instrumentation. The AFB0412HHB-8Q20 provides reliable thermal regulation for chipset cooling and power supply ventilation, ensuring critical components operate within safe temperature ranges in continuous duty cycles.

Supplemental Images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N13R
DC BRUSHLESS
MODEL AFB0412HHB
DC12V 0.20A -8Q20
ZP
ZL
VDE
REG.-Nr. 1764
DELTA ELECTRONICS, INC.
MADE IN CHINA (CZ)