AD0824VB-A72GP ADDA 24VDC 80x80x25mm Alarm Signal Axial Fan Datasheet

Brand: ADDA

SKU: 768098309121

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0824vb-a72gp-adda-24vdc-80x80x25mm-alarm-signal-axial-fan

Product Description

The ADDA AD0824VB-A72GP is a precision-engineered DC axial fan designed for demanding thermal management applications requiring high reliability and consistent performance. Utilizing a robust dual ball bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow dynamics to deliver high static pressure while maintaining structural rigidity, effectively mitigating thermal impedance in dense electronic enclosures. Engineered with a 24VDC drive system, it features an integrated alarm signal for critical system monitoring, making it ideal for industrial inverters and power supply units.

Model Number: AD0824VB-A72GP
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.38 A
Input Power: 9.12 W
Rated Speed: 4200 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 60.0 CFM (101.9 m^3/h / 1.70 m^3/min)
Max. Static Pressure: 8.89 mmH_2O (87.18 Pa / 0.35 inH_2O)
Dimensions: 80 x 80 x 25 mm
Weight: 86 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 42.5 dB(A)
Speed Control: Alarm Signal (RD)
Termination: 3-Wire Lead
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Safety Certifications: UL, CUL, TUV, CE

The AD0824VB-A72GP is specifically calibrated for high-reliability environments such as industrial frequency inverters and server cabinet cooling. Its robust pressure profile makes the AD0824VB-A72GP an excellent choice for telecommunications equipment, power supply units, and automated CNC machinery where consistent airflow is critical to prevent thermal throttling.

Supplemental Images