AD0424MS-C50 ADDA 24VDC 40mm Sleeve Bearing Axial Fan Datasheet

Brand: ADDA

SKU: 900008813944

Category: Axial & Centrifugal Fans

Price: **$4.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0424ms-c50-adda-24vdc-40mm-sleeve-bearing-axial-fan

Product Description

The ADDA AD0424MS-C50 is a precision-engineered DC Brushless Axial Fan designed for compact thermal management applications requiring reliable airflow in restricted spaces. Utilizing advanced sleeve bearing architecture, this 40mm unit delivers consistent aerodynamic performance while maintaining a low noise profile suitable for sensitive electronic environments. The motor assembly is optimized for 24VDC operation, ensuring efficient power conversion and reduced thermal impedance within the housing. Constructed with high-rigidity thermoplastic (PBT), the impeller design maximizes throughput efficiency, making it an ideal solution for high-density component cooling where structural integrity and longevity are paramount.

Model Number: AD0424MS-C50
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Rated Current: 0.07 A
Input Power: 1.68 W
Rated Speed: 5800 RPM (Nominal)
Bearing Type: Sleeve Bearing
Max. Air Flow: 6.0 CFM (10.2 m^3/h)
Max. Static Pressure: 2.8 mmH_2O (27.4 Pa / 0.11 inH_2O)

Dimensions: 40 x 40 x 10 mm
Noise Level: 26.0 dB(A)
Life Expectancy: 30,000 Hours @ 40°C
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Motor Type: Brushless DC
Termination: Lead Wires
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Weight: 17 g
Safety Approvals: UL, CUL, TUV, CE

The ADDA AD0424MS-C50 is frequently utilized in compact industrial electronics, including network switches, small form-factor power supplies, and embedded computing systems. Its micro-frame design allows the AD0424MS-C50 to fit seamlessly into tight enclosures found in medical instrumentation and telecommunications equipment, providing critical airflow to prevent thermal throttling in high-density printed circuit board assemblies.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AD0424MS-C50
DC 24V
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