AD0424VB-B5BDS ADDA 24VDC 40x40x28mm PWM Axial Fan Datasheet

Brand: ADDA

SKU: 683163976851

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0424vb-b5bds-adda-24vdc-40x40x28mm-pwm-axial-fan

Product Description

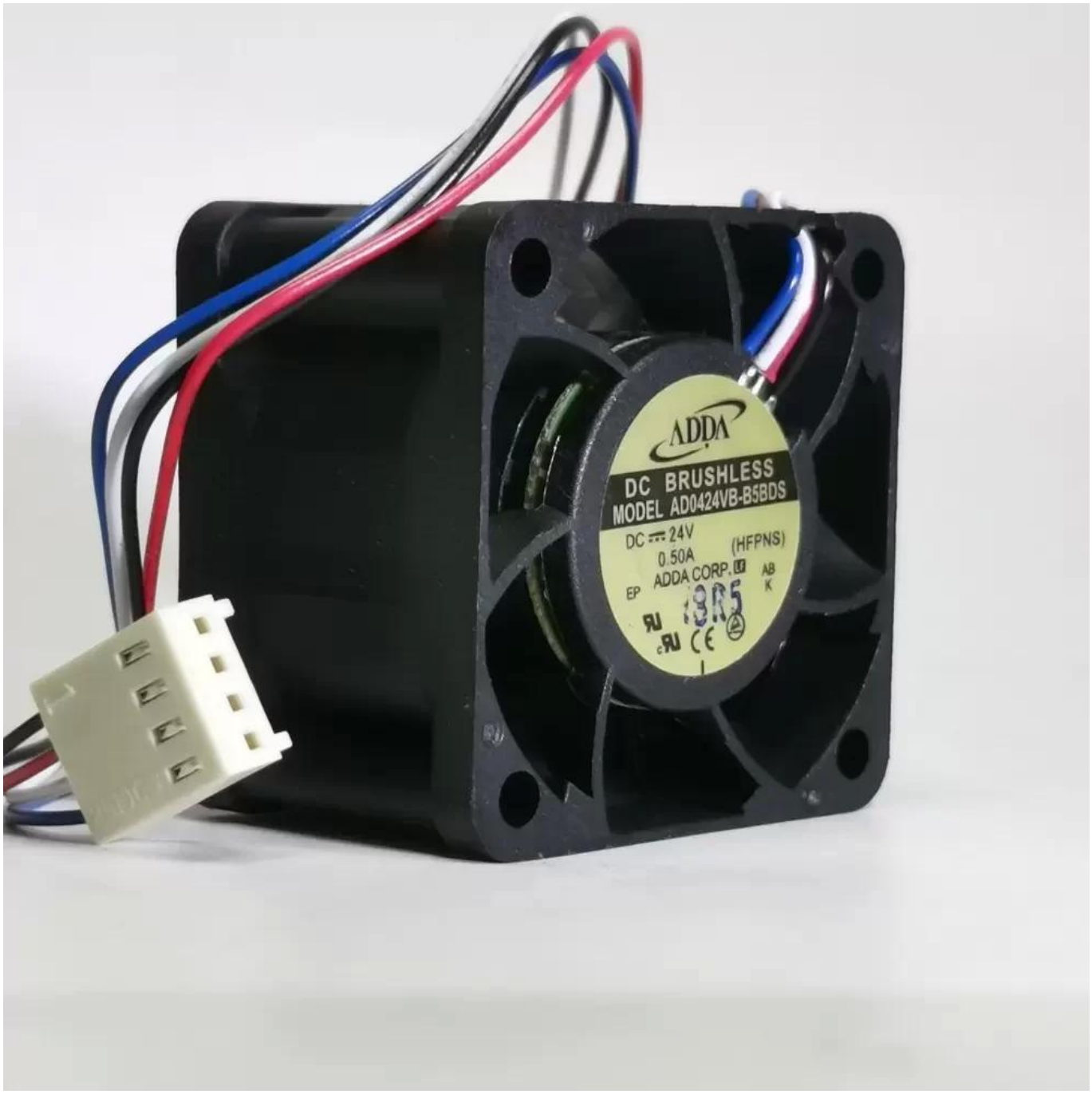
The ADDA AD0424VB-B5BDS is a high-density DC Axial Fan engineered for mission-critical thermal management in restricted spaces. Leveraging advanced DC brushless motor architecture and a precision Ball Bearing system, this unit delivers exceptional static pressure capabilities while minimizing thermal impedance. The frame and impeller are constructed for structural rigidity, ensuring stability at high rotational speeds. It is designed to mitigate heat accumulation in electronic assemblies, offering a robust solution for applications demanding consistent aerodynamic performance and longevity.

Model Number: AD0424VB-B5BDS
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 20.4 - 27.6 VDC
Rated Current: 0.50 A
Power: 12.0 W
Rated Speed: 13500 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 24.5 CFM (41.6 m^3/h / 0.69 m^3/min)
Max. Static Pressure: 26.5 mmH_2O (260 Pa / 1.04 inH_2O)

Dimensions: 40 x 40 x 28 mm
Weight: 48 g
Life Expectancy: 70000 Hours at 40°C
Speed Control: PWM (Pulse Width Modulation)
Wire Configuration: 4-Wire
Noise Level: 54.0 dB-A
Frame Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Mounting Orientation: Any

The AD0424VB-B5BDS is specifically calibrated for high-impedance airflow environments such as 1U server racks, telecommunication switching equipment, and compact industrial power supplies. The integration of PWM control allows for precise thermal regulation, making the AD0424VB-B5BDS an ideal choice for networking appliances and automated machinery where dynamic cooling and space efficiency are paramount.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AD0424VB-B5BDS
DC 24V
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