

AD3824HB-B53GP ADDA 24VDC 0.15A 38x38x28mm Axial Fan Datasheet



Brand: ADDA

SKU: 705268054829

Category: Axial & Centrifugal Fans

Price: **\$18.43**

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Product Page:

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Product Description

ADDA AD3824HB-B53GP is a compact 38 x 38 x 28 mm brushless DC cooling fan operating at a nominal 24 VDC and drawing 0.15 A to deliver high-velocity airflow. Constructed with a durable glass-filled PBT UL94V-0 frame and an impeller with 5 blades, this unit utilizes a precision dual ball bearing system to ensure extended operational longevity and stable rotational dynamics. The hardware integrates an interface with 3 wires featuring an FG (Frequency Generator) tachometer output for real-time speed monitoring, alongside built-in motor and polarity protection mechanisms.

AD3824HB-B53GP Specifications

Model Number: AD3824HB-B53GP

Brand: ADDA

Product Category: Brushless DC Axial Fan

Nominal Voltage: 24 VDC

Rated Current: 0.15 A

Power Consumption: 3.6 W

Dimensions: 38 x 38 x 28 mm

Bearing System: Ball Bearing

Impeller Design: 5 Blades

Speed Classification: High Speed

Frame Material: Glass-filled PBT (UL94V-0)

Impeller Material: Glass-filled PBT (UL94V-0)

Interface: 3 Wires

Connector Type: 3 Pin Connector

Sensor Output: FG (Frequency Generator / Tachometer)

Series: GP (Great Performance)

Operating Temperature: -10 °C to 75 °C

Storage Temperature: -40 °C to 75 °C

Motor Protection: Polarity and Impedance Protection

AD3824HB-B53GP Applications

Primary applications include integration into variable frequency drives (VFDs), compact industrial power supplies, and telecommunications routing equipment requiring localized thermal management. Deployed within rackmount servers, CNC control cabinets, and automated diagnostic instrumentation, the component provides continuous forced-air convection to maintain optimal semiconductor junction temperatures.

Supplemental Images

