AD0924MB-F91DS ADDA 24VDC 0.30A 92x92x38mm Axial Fan Datasheet

Brand: ADDA

SKU: 983162613298

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ad0924mb-f91ds-adda-24vdc-0-30a-92x92x38mm-axial-fan

Product Description

The ADDA AD0924MB-F91DS is a 24VDC 92x92x38mm Axial Fan optimized for high-density thermal management in industrial enclosures. Engineered with a robust DC brushless motor and precision ball bearing architecture, this unit minimizes thermal impedance in restricted airflow environments. The 38mm deep-frame design enhances structural rigidity and aerodynamic compression, allowing the fan to maintain a rated current of 0.30A while delivering consistent static pressure. This model is specifically designed to mitigate heat soak in power electronics, ensuring long-term reliability through its high-grade UL94V-0 plastic housing and optimized blade geometry.

Model Number: AD0924MB-F91DS
Brand: ADDA
Product Type: Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.30 A
Power: 7.2 W
Rated Speed: 3200 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 62.23 CFM (105.7 m^3/h)
Max. Static Pressure: 9.81 mmH_2O (0.39 inH_2O)

Dimensions: 92 x 92 x 38 mm
Weight: 190 g
Life Expectancy: 70,000 Hours at 40°C
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 2-Wire Lead (A1 Connector, 2.54mm Pitch)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CUL, TUV, CE

AD0924MB-F91DS Applications

1. Industrial VFD Inverters: The 38mm depth provides the necessary static pressure to overcome the high system impedance of densely packed heat sinks in variable frequency drives.
2. Telecom Power Supplies: Ideal as a replacement fan for 24V rectified power modules where continuous duty cycles and high MTBF are critical for network uptime.
3. Automation Control Cabinets: Optimized for localized hot-spot cooling in ruggedized industrial enclosures requiring high-velocity airflow to prevent thermal throttling of PLCs.

Supplemental Images