

2410ML-05W-B50-D09 NMB 24VDC 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: [1028744137153](#)

Category: Axial & Centrifugal Fans

Price: **\$27.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/2410ml-05w-b50-d09-nmb-24vdc-60x60x25mm-axial-fan>

Product Description

NMB 2410ML-05W-B50-D09 is a 24VDC 60x60x25mm Axial Fan optimized for high-reliability thermal management in industrial automation. Featuring a brushless DC motor and dual ball bearing architecture, this unit minimizes thermal impedance while maintaining structural rigidity under continuous operation. Designed for precision cooling, it operates at 0.13A with a rated speed of approximately 4500 RPM, delivering consistent static pressure to overcome internal resistance in dense enclosures. This model is a critical component for maintaining optimal operating temperatures in Fanuc CNC systems and variable frequency drives (VFDs), ensuring long-term system stability and preventing heat-induced component failure.

Model Number: 2410ML-05W-B50-D09

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Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Rated Current: 0.13 A

Power: 3.12 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 21.2 CFM (36.0 m³/h / 0.60 m³/min)

Max. Static Pressure: 5.0 mmH₂O (49.0 Pa / 0.20 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 50,000 hours at 25°C

Noise Level: 33.0 dB

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Termination: 2 Lead Wires (Red/Black)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Protection Features: Polarity Protection, Locked Rotor Protection

Certifications: UL, CSA, VDE, CE

2410ML-05W-B50-D09 Applications

1. Fanuc CNC Control Units: Ideal replacement fan for maintaining airflow across logic boards where high static pressure is required to penetrate dense wiring.
2. Industrial VFD Inverters: Optimized for cooling power electronics in variable frequency drives, leveraging dual ball bearings to withstand the high-vibration environment of motor control cabinets.
3. 2U Rackmount Chassis: The 60mm form factor provides the necessary CFM-to-size ratio for localized hot-spot mitigation in compact server or networking enclosures.

Supplemental Images

