

2410ML-05W-B50-B00 NMB 24VDC 60x60x25mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: [981576904887](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/2410ml-05w-b50-b00-nmb-24vdc-60x60x25mm-3-wire-axial-fan>

Product Description

The NMB 2410ML-05W-B50-B00 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Featuring a robust motor architecture paired with a dual ball bearing system, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining low thermal impedance, making it ideal for high-density enclosures. Its structural rigidity is reinforced by a durable housing, ensuring stability against vibration and mechanical stress in demanding environments.

Model Number: 2410ML-05W-B50-B00

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Input Power: 3.12 W

Rated Speed: 5300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 25.4 CFM (43.1 m³/h / 0.72 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.7 Pa / 0.27 inH₂O)

Noise Level: 36.0 dB(A)

Dimensions: 60x60x25 mm

Weight: 65 g

Termination: 3-Wire Leads (Signal/Tachometer)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Life Expectancy: 100,000 Hours (L10 at 25°C)

Speed Control: Tachometer Sensor

Mounting Orientation: Any

This cooling solution is specifically engineered for applications requiring reliable heat dissipation, such as variable frequency drives and industrial inverters. The 2410ML-05W-B50-B00 is frequently integrated into server rack power supplies, telecommunications equipment, and compact automation control panels. By maintaining optimal operating temperatures, the 2410ML-05W-B50-B00 prevents thermal throttling in sensitive electronic components, ensuring system stability in CNC machinery and medical instrumentation.

Supplemental Images

