

2410ML-05W-B70-E00 NMB 24VDC 60x60x25mm Cooling Axial Fan Datasheet



Brand: NMB

SKU: [908400820385](#)

Category: Axial & Centrifugal Fans

Price: **\$25.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/2410ml-05w-b70-e00-nmb-24vdc-60x60x25mm-cooling-axial-fan>

Product Description

The NMB 2410ML-05W-B70-E00 is a precision-engineered DC Axial Fan designed by MinebeaMitsumi (NMB-MAT) for critical thermal management applications. This unit features a robust DC motor architecture paired with a dual ball bearing system, ensuring reduced friction and extended operational longevity under continuous load. Constructed with a high-rigidity PBT plastic frame and impeller, the fan optimizes aerodynamic efficiency to deliver high static pressure while maintaining structural integrity. Its design minimizes thermal impedance, making it an ideal solution for industrial electronics requiring reliable heat dissipation and stable performance in demanding environments.

Model Number: 2410ML-05W-B70-E00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.25 A

Input Power: 6.00 W

Rated Speed: 6800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 33.5 CFM (56.9 m³/h / 0.95 m³/min)

Max. Static Pressure: 11.5 mmH₂O (112.7 Pa / 0.45 inH₂O)

Dimensions: 60x60x25mm

Weight: 65 g

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

Noise Level: 43.0 dB(A)

Housing Material: Plastic (PBT UL94V-0)

Impeller Material: Plastic (PBT UL94V-0)

Termination: 2-Wire Lead (+ Red, - Black)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Auto Restart / Polarity Protection

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 3 sec

Designed for high-reliability environments, the 2410ML-05W-B70-E00 is frequently utilized in industrial automation equipment, specifically for variable frequency drive (VFD) and inverter cooling systems where consistent airflow is paramount. The 2410ML-05W-B70-E00 also serves effectively in compact server racks, telecommunications power supplies, and medical instrumentation, providing essential thermal regulation to prevent component overheating in enclosed chassis architectures.

Supplemental Images

