

2410ML-05W-B60-D23 NMB 24VDC 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: 960271253434

Category: Axial & Centrifugal Fans

Price: \$20.99

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Product Page:

<https://www.equipspares.com/product/2410ml-05w-b60-d23-nmb-24vdc-60x60x25mm-axial-fan>

Product Description

The NMB 2410ML-05W-B60-D23 is a high-efficiency DC axial fan engineered for critical thermal management in industrial electronics. Manufactured by MinebeaMitsumi, this unit integrates precision dual ball bearing architecture to minimize friction and extend operational service life under continuous load. The 60mm chassis is constructed from reinforced PBT, offering superior structural rigidity and resistance to thermal deformation. Designed with an optimized impeller geometry, it delivers a high static pressure to airflow ratio, effectively overcoming system impedance in dense enclosures. This 24VDC cooling solution ensures reliable heat dissipation, maintaining optimal operating temperatures for sensitive components.

Model Number: 2410ML-05W-B60-D23

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Rated Current: 0.17 A

Input Power: 4.08 W

Rated Speed: 5300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 25.0 CFM (42.4 m³/h / 0.71 m³/min)

Max. Static Pressure: 7.11 mmH₂O (69.7 Pa / 0.28 inH₂O)

Dimensions: 60x60x25mm

Noise Level: 38.0 dBA

Termination: 2-Wire Leads

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 60,000 Hours at 25°C

Ingress Protection: IP20

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 1 Second

Weight: 65 g

This robust cooling unit is specifically calibrated for demanding industrial environments, including variable frequency drives (VFDs) and power inverters where consistent airflow is paramount. The 2410ML-05W-B60-D23 excels in cooling high-density server racks and telecommunication equipment, preventing thermal throttling in mission-critical hardware. Additionally, the 2410ML-05W-B60-D23 is widely utilized in CNC control cabinets and medical instrumentation, providing a stable thermal envelope for precision electronics requiring continuous duty cycles.

Supplemental Images

