

2410ML-04W-B60-E00 NMB 24VDC 60x60x25mm 2-Wire Axial Fan Datasheet



Brand: NMB

SKU: 998430150156

Category: Axial & Centrifugal Fans

Price: \$16.99

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Product Description

The NMB 2410ML-04W-B60-E00 is a precision-engineered axial cooling fan designed for critical thermal management in industrial environments. Manufactured by NMB-MAT (MinebeaMitsumi), this unit utilizes an advanced Double Ball Bearing architecture, ensuring exceptional rotational stability and minimizing friction for extended operational longevity. The aerodynamic impeller design is optimized to deliver a high airflow-to-noise ratio, effectively reducing thermal impedance in densely packed electronic enclosures. Constructed with high-grade PBT (UL94V-0) for structural rigidity and fire resistance, this fan maintains consistent performance under continuous load. Its robust motor assembly provides reliable torque, making it an ideal solution for systems requiring sustained cooling efficiency and durability.

Model Number: 2410ML-04W-B60-E00

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Rated Current: 0.40 A

Power Consumption: 9.6 W

Rated Speed: 5300 RPM

Max. Air Flow: 23.0 CFM (39.1 m³/h / 0.65 m³/min)

Max. Static Pressure: 5.6 mmH₂O (54.9 Pa / 0.22 inH₂O)

Dimensions: 60 x 60 x 25 mm

Bearing Type: Double Ball Bearing

Noise Level: 39.0 dB-A

Termination: 2-Wire Lead

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 100,000 Hours at 25°C

Weight: 65 g

Mounting Orientation: Any

Ingress Protection: IP40

The 2410ML-04W-B60-E00 is specifically engineered for demanding applications such as industrial inverters, variable frequency drives (VFDs), and server rack cooling modules. Its compact 60mm footprint allows for seamless integration into limited-space environments like CNC control panels and medical instrumentation. The high static pressure capabilities of the 2410ML-04W-B60-E00 ensure effective airflow through restrictive heatsinks and component arrays, maintaining optimal operating temperatures for sensitive electronics in continuous-duty cycles.

Supplemental Images

