

2410ML-05W-B69-C15 NMB-MAT 24VDC 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: [963023126357](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/2410ml-05w-b69-c15-nmb-mat-24vdc-60x60x25mm-axial-fan>

Product Description

The NMB-MAT 2410ML-05W-B69-C15 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Manufactured by MinebeaMitsumi, this unit utilizes advanced dual ball bearing technology to minimize friction and extend operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in high-density electronic enclosures. Its brushless DC motor architecture ensures stable torque delivery and energy efficiency, making it a robust solution for demanding cooling applications requiring consistent static pressure and volumetric flow.

Model Number: 2410ML-05W-B69-C15

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 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 (0.71 m³/min)

Max. Static Pressure: 7.3 mmH₂O (71.5 Pa / 0.29 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 60,000 Hours @ 25°C

Noise Level: 36.0 dBA

Termination: 3-Wire Lead

Sensor Output: Tachometer / Signal

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Locked Rotor Protection, Polarity Protection

Mounting Orientation: Any

The 2410ML-05W-B69-C15 is specifically engineered for high-reliability applications such as variable frequency drive (VFD) inverters and industrial automation control panels. Its compact form factor allows for seamless integration into server rack power supplies, telecommunications equipment, and medical instrumentation where space is constrained but thermal load is high. The 2410ML-05W-B69-C15 provides consistent airflow to dissipate heat from sensitive semiconductors, ensuring system stability in CNC machinery and network switchgear environments.

Supplemental Images

