

2410ML-05W-B69-BQE NMB 24VDC 60x60x25mm Inverter Cooling Fan Datasheet



Brand: NMB

SKU: 987734509567

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/2410ml-05w-b69-bqe-nmb-24vdc-60x60x25mm-inverter-cooling-fan>

Product Description

The NMB 2410ML-05W-B69-BQE is a precision-engineered DC axial fan designed for critical thermal management in industrial electronics. Manufactured by MinebeaMitsumi, this unit features a robust thermoplastic housing and a dual ball bearing system that ensures low thermal impedance and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, making it an ideal solution for high-density environments requiring reliable heat dissipation. Its specialized configuration supports stable operation within variable frequency drive systems and power electronics.

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

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 (42.4 m³/h / 0.71 m³/min)
Max. Static Pressure: 7.8 mmH₂O (76.5 Pa / 0.31 inH₂O)
Dimensions: 60 x 60 x 25 mm
Weight: 65 g
Life Expectancy: 100,000 Hours at 25°C
Noise Level: 39.0 dB(A)
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: 3-Wire with Connector
Sensor Type: Locked Rotor / Alarm Signal
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Protection: Locked Rotor Protection, Polarity Protection
Mounting Orientation: Any
Ingress Protection: IP20

This cooling unit is specifically engineered for integration into industrial automation equipment, serving as a primary replacement component for Mitsubishi variable frequency drives and inverters. The 2410ML-05W-B69-BQE ensures optimal thermal regulation in control cabinets, preventing overheating in power electronics and servo systems. Additionally, the 2410ML-05W-B69-BQE is suitable for deployment in compact server racks, telecommunications power supplies, and CNC machinery where consistent airflow and long-term reliability are paramount for system stability.

Supplemental Images

