

2410ML-07W-B49-G01 NMB-MAT 48VDC 0.07A 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: [696145571305](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The NMB-MAT 2410ML-07W-B49-G01 is a precision-engineered Axial Fan designed for high-reliability industrial cooling applications. Utilizing NMB's proprietary dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The 48VDC motor features an optimized electromagnetic design to deliver consistent torque while maintaining low thermal impedance. Its aerodynamic impeller geometry balances static pressure and airflow, making it suitable for dense electronic enclosures. Constructed with structural rigidity in mind, the frame resists vibration, ensuring stable performance in telecommunications and switching equipment environments. The unit includes a tachometer signal for real-time speed monitoring, essential for active thermal management systems.

Model Number: 2410ML-07W-B49-G01

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.07 A

Power: 3.36 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.3 CFM (39.6 m³/h / 0.66 m³/min)

Max. Static Pressure: 5.4 mmH₂O (52.9 Pa / 0.21 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 100,000 Hours @ 25°C

Noise Level: 35.0 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 3-Wire (Lead Wire)

Sensor Output: Tachometer (Speed Sensor)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Mounting Orientation: Any

Designed for critical thermal management, the 2410ML-07W-B49-G01 excels in telecommunications infrastructure, specifically within network switches and server rack modules where continuous uptime is mandatory. The compact 60mm footprint allows for seamless integration into power supply units (PSUs) and industrial automation control panels. By maintaining optimal operating temperatures, the 2410ML-07W-B49-G01 prevents thermal throttling in sensitive electronic components, ensuring system stability in medical instrumentation and CNC machinery control systems.

Supplemental Images

