

# 06025SS-24N-AL-D3 NMB 24VDC 60x60x25mm Alarm Axial Fan Datasheet



**Brand:** NMB

**SKU:** [727717111747](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$20.99**

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Product Page:

<https://www.equipspares.com/product/06025ss-24n-al-d3-nmb-24vdc-60x60x25mm-alarm-axial-fan>

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## Product Description

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The NMB 06025SS-24N-AL-D3 is a precision-engineered axial cooling fan designed for high-reliability industrial electronics. Utilizing NMB's advanced motor technology, this unit delivers consistent airflow with optimized thermal impedance management. The 60mm chassis houses a robust bearing system designed to withstand continuous operation in demanding environments, ensuring structural rigidity and minimal vibration. Its aerodynamic impeller design maximizes static pressure while maintaining acoustic efficiency. Specifically calibrated for variable frequency drives and servo systems, this DC fan integrates a locked rotor alarm signal for critical system monitoring, making it an essential component for thermal regulation in automation hardware.

Model Number: 06025SS-24N-AL-D3

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.11 A

Input Power: 2.64 W

Rated Speed: 4500 RPM

Max. Air Flow: 23.5 CFM (39.9 m<sup>3</sup>/h / 0.66 m<sup>3</sup>/min)

Max. Static Pressure: 5.2 mmH<sub>2</sub>O (51.0 Pa / 0.20 inH<sub>2</sub>O)

Noise Level: 34.0 dB-A

Dimensions: 60x60x25mm

Bearing Type: Dual Ball Bearing

Termination: 3-Wire Leads

Sensor Type: Alarm Signal (Locked Rotor Output)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Life Expectancy: 60,000 Hours @ 40°C

Ingress Protection: IP20

Application: Schneider Inverter / Yaskawa Driver

Designed primarily for thermal management in industrial automation, the 06025SS-24N-AL-D3 serves as a critical cooling component for Schneider variable frequency drives (VFDs) and Yaskawa servo drivers. Its compact 60mm footprint allows for seamless integration into high-density control cabinets and power supply units where space is at a premium. The 06025SS-24N-AL-D3 ensures reliable heat dissipation for sensitive power electronics, preventing thermal throttling in CNC machinery, robotic controllers, and telecommunications equipment racks.

## Supplemental Images

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