

08025SS-24P-AL-D2 NMB 24VDC 80x80x25mm Alarm Signal Axial Fan Datasheet



Brand: NMB

SKU: [946420461511](#)

Category: Axial & Centrifugal Fans

Price: **\$20.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/08025ss-24p-al-d2-nmb-24vdc-80x80x25mm-alarm-signal-axial-fan>

Product Description

The NMB 08025SS-24P-AL-D2 is a precision-engineered DC axial fan designed for rigorous thermal management in industrial electronics. Manufactured by MinebeaMitsumi, this unit features a robust aerodynamic profile that optimizes airflow efficiency while maintaining structural rigidity under continuous operation. The motor assembly utilizes advanced commutation technology to ensure consistent torque delivery and reduced thermal impedance. Engineered for reliability, the 08025SS-24P-AL-D2 integrates a specialized bearing architecture that minimizes friction coefficients, making it suitable for sensitive electronic enclosures requiring stable static pressure and efficient heat dissipation.

Model Number: 08025SS-24P-AL-D2

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.17 A

Power Consumption: 4.08 W

Dimensions: 80x80x25mm

Bearing Type: Precision Sleeve Bearing

Rated Speed: 3400 RPM

Max. Air Flow: 41.3 CFM (70.1 m³/h)

Max. Static Pressure: 5.2 mmH₂O (51 Pa)

Noise Level: 34.0 dB(A)

Termination: 3-Wire (Lead Wire)

Output Signal: Alarm Signal (AL/Locked Rotor)

Wire Configuration: Red (+), Black (-), White (Signal)

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

Country of Origin: Cambodia

The 08025SS-24P-AL-D2 is specifically calibrated for critical cooling applications within industrial automation and consumer electronics. Frequently deployed in variable frequency drives (VFDs) and power inverters, this model ensures optimal operating temperatures for power semiconductors. The 08025SS-24P-AL-D2 is also widely utilized in high-lumen projectors and commercial printers, where consistent airflow is required to prevent thermal throttling. Its integrated alarm signal capability makes it an ideal choice for mission-critical server racks and telecommunications equipment where fan failure detection is mandatory for system safety.

Supplemental Images

