

06015SS-24N-AL-0A NMB 24VDC 0.13A 60x60x15mm Axial Fan Datasheet



Brand: NMB

SKU: [989755929355](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The NMB 06015SS-24N-AL-0A is a precision-engineered DC Axial Fan designed for critical thermal management in space-constrained industrial environments. Manufactured by NMB Technologies (MinebeaMitsumi), this unit leverages advanced motor winding technology and a proprietary bearing system to minimize friction and reduce thermal impedance during continuous operation. The aerodynamic impeller design ensures consistent static pressure delivery, making it ideal for maintaining structural rigidity and airflow integrity in variable frequency drives and electronic enclosures. The fan features a specialized alarm signal output for real-time status monitoring, ensuring system reliability through active feedback loops.

Model Number: 06015SS-24N-AL-0A

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Power Consumption: 3.12 W

Rated Speed: 4200 RPM

Bearing Type: Precision Ball Bearing

Max. Air Flow: 16.2 CFM (27.5 m³/h / 0.46 m³/min)

Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 60,000 Hours at 40°C

Noise Level: 34.0 dBA

Termination: 3-Wire (Lead Wire)

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

Output Signal: AL (Locked Rotor Alarm)

Frame Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 1 sec

The 06015SS-24N-AL-0A is specifically engineered for high-reliability applications such as cooling variable frequency inverters, server rack ventilation, and compact power supply units. Its slim 15mm profile allows for integration into tight chassis configurations found in telecommunications equipment and industrial automation controllers. The inclusion of the Locked Rotor Alarm signal makes the 06015SS-24N-AL-0A particularly suitable for mission-critical systems where fan failure detection is mandatory to prevent thermal runaway and component damage.

Supplemental Images

