

04010SS-24M-AL-01 NMB 24VDC 40x40x10mm Alarm Axial Fan Datasheet



Brand: NMB

SKU: [988436859242](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

E-mail: sales@equipspares.com

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Product Description

The NMB 04010SS-24M-AL-01 is a precision-engineered DC Axial Fan designed for compact thermal management in high-reliability industrial electronics. Manufactured by MinebeaMitsumi (NMB), this unit utilizes advanced motor technology to optimize airflow efficiency while maintaining a low acoustic profile. The frame construction ensures structural rigidity, minimizing vibration-induced noise during operation. Featuring a specialized Locked Rotor Alarm (AL) sensor, the 04010SS-24M-AL-01 provides critical feedback for system monitoring, ensuring operational safety in variable frequency drives and server applications. Its aerodynamic blade design reduces thermal impedance, making it an ideal solution for high-density component cooling where space is constrained and continuous airflow is mandatory.

Model Number: 04010SS-24M-AL-01

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.04 A

Input Power: 0.96 W

Rated Speed: 6200 RPM

Max. Air Flow: 5.3 CFM (9.0 m³/h / 0.15 m³/min)

Max. Static Pressure: 2.8 mmH₂O (27.5 Pa / 0.11 inH₂O)

Noise Level: 26.0 dB(A)

Dimensions: 40 x 40 x 10 mm

Bearing Type: Sleeve Bearing

Termination: 3-Wire Lead Wires

Sensor Output: Locked Rotor Alarm (AL)

Housing Material: PBT Plastic (UL94V-0)

Blade Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 30,000 Hours at 40°C

Weight: 20 g

Mounting Orientation: Any

Ingress Protection: IP20

This cooling solution is specifically engineered for critical industrial equipment such as variable frequency drives (VFDs) and compact power inverters where failure detection is paramount. The 04010SS-24M-AL-01 is frequently integrated into rack-mounted server chassis, telecommunications switching gear, and precision medical instrumentation where reliable thermal dissipation is mandatory. Additionally, the 04010SS-24M-AL-01 serves as a vital component in CNC control modules and network routers, utilizing its alarm signal to prevent overheating failures in continuous-duty environments.

Supplemental Images

