

2410SB-05W-S79-C01 NMB 24VDC 60x60x25mm 3-Wire Axial Fan Datasheet



Brand: NMB

SKU: 828258302630

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/2410sb-05w-s79-c01-nmb-24vdc-60x60x25mm-3-wire-axial-fan>

Product Description

The NMB 2410SB-05W-S79-C01 is a precision-engineered DC Axial Fan designed for critical thermal management in high-density industrial electronics. Utilizing advanced brushless motor technology, this unit optimizes aerodynamic efficiency to deliver consistent airflow while minimizing electromagnetic interference and power consumption. The chassis is constructed from reinforced Polybutylene Terephthalate to ensure high structural rigidity, effectively reducing vibration-induced noise during high-speed operation. Engineered with a specialized bearing architecture, it maintains low thermal impedance across extended duty cycles. This 60mm cooling solution is specifically calibrated for applications requiring reliable heat dissipation and stable static pressure performance within compact enclosures.

Model Number: 2410SB-05W-S79-C01

Brand: NMB Technologies (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.17 A

Input Power: 4.08 W

Rated Speed: 5300 RPM

Max. Air Flow: 26.5 CFM (45.0 m³/h / 0.75 m³/min)

Max. Static Pressure: 7.8 mmH₂O (76.5 Pa / 0.31 inH₂O)

Bearing Type: Sleeve Bearing

Dimensions: 60 x 60 x 25 mm

Weight: 56 g

Noise Level: 38.0 dB(A)

Termination: 3-Wire Leads (with Tachometer Signal)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 30,000 Hours @ 25°C

Ingress Protection: IP40

Direction of Rotation: Clockwise

This cooling unit is extensively utilized in compact electronic enclosures such as 1U server racks and telecommunications switching equipment where space is limited but heat flux is high. The 2410SB-05W-S79-C01 provides the necessary airflow to prevent thermal throttling in industrial automation controllers, CNC machinery, and power supply units. Maintenance engineers frequently select the 2410SB-05W-S79-C01 for its balance of size and performance in medical instrumentation and network storage devices, ensuring component longevity through effective active cooling.

Supplemental Images

