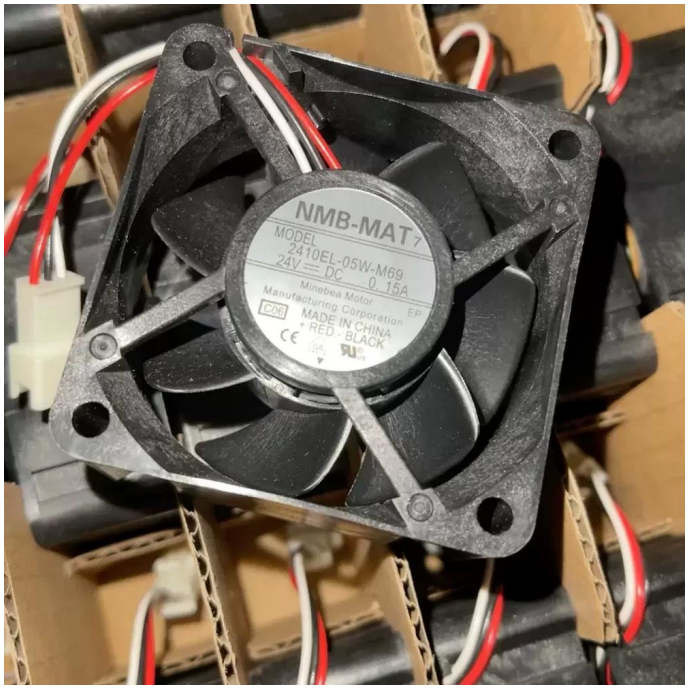
2410EL-05W-M69-C06 NMB-MAT 24VDC 60x60x25mm Axial Fan Datasheet



Brand: NMB

SKU: 896550327032

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/2410el-05w-m69-c06-nmb-mat-24vdc-60x60x25mm-axial-fan

Product Description

The NMB-MAT 2410EL-05W-M69-C06 is a precision-engineered DC axial fan designed for critical thermal management applications requiring sustained reliability. Manufactured by MinebeaMitsumi, this unit utilizes advanced dual ball bearing architecture to minimize frictional coefficients and extend operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow-to-noise ratios, ensuring efficient heat dissipation within high-density electronic enclosures. Constructed with a reinforced PBT housing, the fan offers superior structural rigidity and resistance to thermal deformation, making it an ideal solution for industrial environments where maintaining low thermal impedance is paramount.

Model Number: 2410EL-05W-M69-C06
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 12.0 - 27.6 VDC
Rated Current: 0.15 A
Input Power: 3.60 W
Rated Speed: 4900 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 23.3 CFM (39.6 m^3/h / 0.66 m^3/min)

Max. Static Pressure: 6.12 mmH_2O (60.0 Pa / 0.24 inH_2O)
Dimensions: 60x60x25mm
Weight: 65 g
Life Expectancy: 100,000 Hours at 25°C
Noise Level: 36.0 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 3-Wire Lead
Sensor Type: Tachometer / Locked Rotor Signal (C06 Code)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Mounting Orientation: Any
Certifications: UL, CSA, TUV, CE

The 2410EL-05W-M69-C06 is engineered for versatile integration into compact electronic assemblies, including server rack cooling modules, industrial automation control panels, and precision medical instrumentation. Its robust airflow characteristics make it particularly suitable for dissipating heat from power supply units and telecommunications equipment where space is constrained but thermal loads are significant. By maintaining optimal operating temperatures, the 2410EL-05W-M69-C06 ensures the longevity and stability of sensitive components in continuous-duty environments such as CNC machinery and network switches.

Supplemental Images