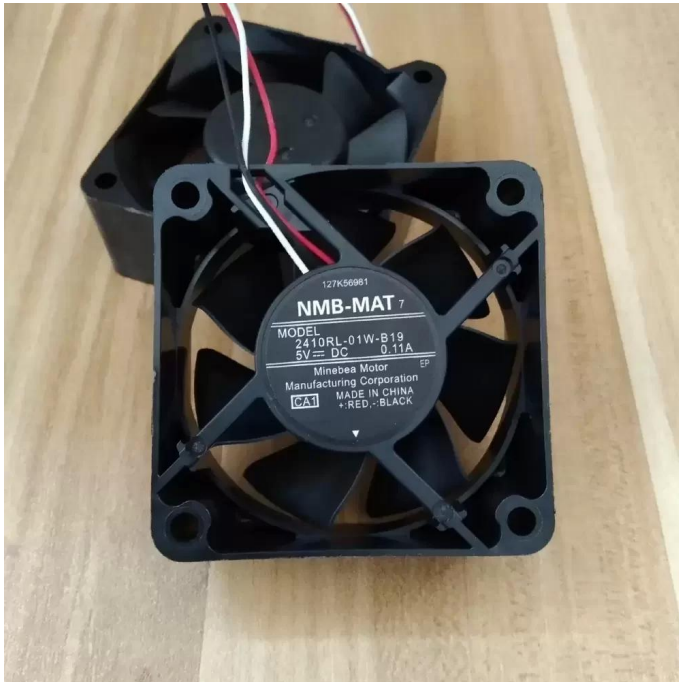


# 2410RL-01W-B19-CA1 NMB 5VDC 60x60x25mm 3-Wire Axial Fan Datasheet



**Brand:** NMB

**SKU:** [849194454283](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$8.99**

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Product Page:

<https://www.equipspares.com/product/2410rl-01w-b19-ca1-nmb-5vdc-60x60x25mm-3-wire-axial-fan>

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## Product Description

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The NMB 2410RL-01W-B19-CA1 is a precision-engineered DC axial fan designed for applications requiring reliable thermal management within a compact 60mm footprint. Utilizing advanced MinebeaMitsumi motor technology, this unit features a robust double ball bearing system that significantly reduces friction coefficients and enhances rotational stability over extended operational lifecycles. The impeller geometry is optimized to minimize turbulence while maintaining consistent airflow, ensuring low thermal impedance in restricted enclosures. Constructed with high-grade thermoplastic housing, the 2410RL-01W-B19-CA1 offers superior structural rigidity and vibration damping, making it an ideal solution for sensitive electronic cooling requirements where acoustic signature and longevity are critical performance metrics.

Model Number: 2410RL-01W-B19-CA1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.11 A

Input Power: 0.55 W

Rated Speed: 3750 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 16.0 CFM (27.2 m<sup>3</sup>/h / 0.45 m<sup>3</sup>/min)  
Max. Static Pressure: 3.5 mmH<sub>2</sub>O (34.3 Pa / 0.14 inH<sub>2</sub>O)  
Dimensions: 60x60x25 mm  
Noise Level: 25.0 dB(A)  
Termination: 3-Wire Leads (100mm)  
Wire Function: Red (+), Black (-), White/Yellow (Sensor)  
Housing Material: PBT (UL94V-0)  
Impeller Material: PBT (UL94V-0)  
Weight: 60 g  
Operating Temperature: -10 to +70 °C  
Life Expectancy: 60,000 Hours (L10 at 40°C)  
Speed Control: Tachometer Output  
Direction of Rotation: Clockwise (Looking at Rotor)

The 2410RL-01W-B19-CA1 is widely utilized in precision electronic assemblies, including compact power supplies, network routers, and industrial automation controllers requiring efficient 5V thermal solutions. Its robust design fits seamlessly into medical diagnostic equipment and telecommunications racks where space is limited but airflow cannot be compromised. Integrators frequently select the 2410RL-01W-B19-CA1 for embedded systems and legacy hardware replacement, leveraging its durable ball-bearing architecture to ensure sustained cooling performance in continuous-operation environments.

## Supplemental Images

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