

4710SB-04W-B29-B51 NMB 12VDC 120mm Axial Fan Datasheet



Brand: NMB

SKU: 766084727664

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page: <https://www.equipspares.com/product/4710sb-04w-b29-b51-nmb-12vdc-120mm-axial-fan>

Product Description

The NMB 4710SB-04W-B29-B51 is a DC Axial Fan engineered for high-reliability thermal management in demanding industrial environments. Utilizing advanced brushless DC motor technology and a precision dual ball bearing architecture, this unit ensures extended service life and minimal thermal impedance. Its aerodynamic impeller design is optimized for high structural rigidity, providing stable airflow under varying static pressure conditions. The 4710SB-04W-B29-B51 is specifically designed to mitigate heat accumulation in sensitive electronics, maintaining optimal operating temperatures for critical infrastructure components while offering superior resistance to mechanical stress and environmental factors.

Model Number: 4710SB-04W-B29-B51

Brand: NMB

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8VDC

Rated Current: 0.14A

Power: 1.68W

Rated Speed: 1900RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 74.1CFM (126.0m³/h / 2.10m³/min)

Max. Static Pressure: 2.50mmH₂O (24.5Pa / 0.10inH₂O)

Dimensions: 120x120x25mm

Weight: 180g

Life Expectancy: 50,000 Hours

Noise Level: 30.0dB

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 2 Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, VDE, CE

The 4710SB-04W-B29-B51 is primarily deployed in high-density power conversion systems such as industrial inverters and server rack cooling modules. Due to its robust construction, the 4710SB-04W-B29-B51 is also an ideal choice for telecommunications base stations and medical diagnostic equipment where consistent airflow is vital. Its compact 120mm form factor allows for seamless integration into network switches and automated control cabinets.

Supplemental Images

