

4715SL-05W-B60-UR1 NMB-MAT 24VDC 120mm 1.20A Axial Fan Datasheet



Brand: NMB

SKU: [1022709620540](#)

Category: Axial & Centrifugal Fans

Price: **\$41.99**

E-mail: sales@equipspares.com

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Product Description

The NMB-MAT 4715SL-05W-B60-UR1 is a high-performance DC axial fan engineered for rigorous industrial thermal management applications. Utilizing advanced brushless DC motor technology paired with a precision dual ball bearing architecture, this unit is designed to minimize frictional wear and extend operational longevity under continuous duty cycles. The aerodynamic impeller geometry is optimized to deliver high static pressure while maintaining structural rigidity, effectively reducing thermal impedance within high-density electronic enclosures. Specifically calibrated for equipment such as the Siemens 440 series inverters, the fan ensures reliable heat dissipation and system stability in demanding environments.

Model Number: 4715SL-05W-B60-UR1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 1.20 A

Power Consumption: 28.8 W

Rated Speed: 3600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 115.0 CFM (195.4 m³/h / 3.25 m³/min)

Max. Static Pressure: 10.5 mmH₂O (103 Pa / 0.41 inH₂O)

Dimensions: 119 x 119 x 32 mm

Weight: 260 g

Frame Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: 3-Wire Lead with Connector

Ingress Protection: IP20

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 60,000 Hours @ 40°C

Specific Application: Siemens 440 Series Inverter Replacement

The 4715SL-05W-B60-UR1 is critical for maintaining the thermal envelope of power electronics and industrial automation systems. It is extensively used as a direct replacement component for Siemens 440 series frequency inverters, preventing overheating during variable load operations. Beyond inverter applications, the 4715SL-05W-B60-UR1 is deployed in server racks, CNC control cabinets, and telecommunications infrastructure where robust airflow and long-term reliability are essential for preventing component failure.

Supplemental Images

