

3615RL-05W-B40-EQ1 NMB 24VDC 92x92x38mm Cooling Fan Datasheet



Brand: NMB

SKU: [733271506078](#)

Category: Axial & Centrifugal Fans

Price: **\$32.99**

E-mail: sales@equipspares.com

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Product Description

The NMB 3615RL-05W-B40-EQ1 is a high-reliability Axial Fan engineered by MinebeaMitsumi for critical thermal regulation in industrial electronics. Utilizing an advanced DC motor architecture paired with a precision Dual Ball Bearing system, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity, effectively reducing thermal impedance in high-density enclosures. Its robust construction meets stringent flammability standards, making it an ideal solution for maintaining optimal operating temperatures in power conversion equipment and automation systems.

Model Number: 3615RL-05W-B40-EQ1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.73 A

Power Consumption: 17.52 W

Rated Speed: 4000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 110.0 CFM (186.9 m³/h)

Max. Static Pressure: 12.5 mmH₂O (122.6 Pa)

Dimensions: 92 x 92 x 38 mm

Weight: 210 g

Life Expectancy: 70,000 Hours @ 40°C

Termination: 2-Wire Lead

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 56.0 dBA

Ingress Protection: IP20

Application: ABB Inverter Replacement

Designed for heavy-duty industrial environments, the 3615RL-05W-B40-EQ1 is frequently utilized in variable frequency drives (VFDs), specifically within ABB power modules, to dissipate heat generated during high-voltage conversion. Beyond power electronics, this model serves as a critical component in CNC machinery control cabinets, telecommunications server racks, and medical instrumentation where consistent airflow is non-negotiable. The 3615RL-05W-B40-EQ1 ensures system stability by preventing thermal throttling in enclosed electronic assemblies.

Supplemental Images

