3615RL-0.5W-B40-ER2 NMB 24VDC 92x92x38mm Axial Fan Datasheet

Brand: NMB

SKU: 992550516575

Category: Axial & Centrifugal Fans

Price: **$28.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/3615rl-0-5w-b40-er2-nmb-24vdc-92x92x38mm-axial-fan

Product Description

NMB 3615RL-0.5W-B40-ER2 is a 24VDC 92x92x38mm Axial Fan optimized for high-impedance thermal management in industrial power electronics. The dual ball bearing system utilizes a precision-machined raceway to maintain shaft concentricity, which prevents mechanical vibration from degrading the 0.73A motor efficiency during continuous 24/7 operation. By delivering a concentrated 9.81 mmH2O static pressure, this 92x92x38mm 24VDC Axial Fan overcomes the airflow resistance found in densely packed VFD heat sinks. The 3615RL-0.5W-B40-ER2 Axial Fan incorporates a UL94V-0 reinforced plastic housing to ensure structural integrity remains intact when internal cabinet temperatures fluctuate rapidly.

Model Number: 3615RL-0.5W-B40-ER2
Brand: NMB Technologies
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.73A
Power: 17.52W
Rated Speed: 5800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 110.1 CFM (3.12 m^3/min)

Max. Static Pressure: 178 Pa (0.71 inH2O)
Dimensions: 92x92x38mm
Weight: 210g
Life Expectancy: 70,000 Hours (25°C)
Noise Level: 53.0 dB
Housing Material: Plastic (Black) UL94V-0
Blade Material: Plastic (Black) UL94V-0
Termination: 2-Lead Wires
Protection: Auto Restart, Polarity Protection
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: 10M Ohm min. at 500VDC

Applications & Industry Use Cases
1. VFD Control Cabinets: Direct replacement fan for Schneider and ABB variable frequency drives.
2. Industrial PLCs: High static pressure prevents heat soak in sealed automation controllers.
3. 2U Rackmount Chassis: Compact 92mm profile fits standard server and networking enclosures.
4. Telecom Edge Routing: Maintains penetrating airflow through high-density line cards and filters.
5. Power Supply Cooling: Rapidly dissipates thermal loads in heavy-duty industrial SMPS units.

Supplemental Images


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