

3110KL-05W-B50-D00 NMB-MAT 24VDC 80x80x25mm Axial Fan Datasheet



Brand: NMB

SKU: [976321690859](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

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Product Description

The 3110KL-05W-B50-D00 is a high-performance DC axial cooling fan engineered for industrial thermal management. Operating at a nominal 24VDC, this 80mm unit delivers a maximum airflow of 38.8CFM and a static pressure of 37.2Pa, ensuring efficient heat dissipation in high-density electronics. It features a dual ball bearing system for a 50,000-hour life expectancy at 25°C and is specifically utilized as the primary cooling component for ABB ACS510 and ACS550 series frequency converters.

3110KL-05W-B50-D00 Specifications

Model Number: 3110KL-05W-B50-D00

Brand: NMB-MAT (MinebeaMitsumi)

Product Category: DC Axial Fans

Frame Size: 80 x 80 x 25mm

Nominal Voltage: 24VDC

Operating Voltage Range: 10.0 to 27.6VDC

Rated Current: 0.15A

Input Power: 3.6W

Rated Speed: 3250 RPM

Maximum Air Flow: 38.8 CFM (1.1 m³/min)

Maximum Static Pressure: 0.15 In H₂O (37.2 Pa)

Noise Level: 34 dB

Bearing Type: Dual Ball Bearing

Life Expectancy: 50,000 Hours (L10 at 25°C)

Termination: 2-Wire (Lead Wires)

Mass: 95g

Material Frame: Plastic (UL94V-0)

Material Impeller: Plastic (UL94V-0)

Operating Temperature: -10 to +70°C

Storage Temperature: -40 to +70°C

Insulation Resistance: 10M Ohm min. at 500VDC

Dielectric Strength: 700VAC for 1 minute

3110KL-05W-B50-D00 Applications

Mandatory thermal management for ABB ACS510 and ACS550 frequency converters, industrial switch-mode power supplies (SMPS), and high-density server rack enclosures.

Supplemental Images

