

EEC0382B2-000C-G99 Sunon 24VDC 120x120x38mm Alarm Axial Fan Datasheet



Brand: SUNON

SKU: [676599549677](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/eec0382b2-000c-g99-sunon-24vdc-120x120x38mm-alarm-axial-fan>

Product Description

The Sunon EEC0382B2-000C-G99 is a DC Axial Fan engineered for critical industrial thermal management and power electronics cooling. Utilizing advanced DC motor technology combined with a precision dual ball bearing architecture, this unit ensures minimal friction and extended service life under continuous heavy-duty operation. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively lowering thermal impedance in high-density electronic enclosures and variable frequency drive systems. The robust construction ensures reliability in demanding environments requiring consistent heat dissipation.

Model Number: EEC0382B2-000C-G99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Power: 5.4 W

Rated Current: 0.225 A

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 116.0 CFM (197.1 m³/h / 3.28 m³/min)

Max. Static Pressure: 0.26 inH₂O (6.60 mmH₂O / 64.7 Pa)

Dimensions: 120mm x 120mm x 38mm

Weight: 214 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 44.0 dB(A)

Termination: 3-Wire / Lead Wires

Feature: Fault Alarm / Locked Rotor Protection

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP Ratings Available (Check Datasheet)

Compliance: RoHS, UL, TUV, CE

The EEC0382B2-000C-G99 is specifically designed for integration into variable frequency drives (VFDs), inverters, and industrial automation control panels where fault detection is critical. The 3-wire configuration provides a fault alarm signal, alerting systems to fan failure or locked rotor conditions, which is essential for protecting sensitive electronics in server racks and power supplies. By installing the EEC0382B2-000C-G99, engineers ensure sustained cooling performance and system longevity in manufacturing equipment and telecommunications infrastructure.

Supplemental Images

