

EE92252B1-000C-F99 SUNON 24VDC 92x92x25mm 3-Wire Axial Fan Datasheet



Brand: SUNON

SKU: 989249520957

Category: Axial & Centrifugal Fans

Price: \$11.99

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Product Page:

<https://www.equipspares.com/product/ee92252b1-000c-f99-sunon-24vdc-92x92x25mm-3-wire-axial-fan>

Product Description

The SUNON EE92252B1-000C-F99 is a precision-engineered DC Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance in high-density enclosures. Constructed with durable thermoplastic materials, the fan delivers reliable performance, making it an essential component for maintaining system stability in demanding electronic applications.

Model Number: EE92252B1-000C-F99

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Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 12.0 - 27.6 VDC

Power: 2.10 W

Rated Current: 0.088 A

Rated Speed: 3000 RPM

Max. Air Flow: 51.5 CFM (87.5 m³/h / 1.46 m³/min)

Max. Static Pressure: 3.81 mmH₂O (37.4 Pa / 0.15 inH₂O)

Noise Level: 34.0 dB(A)

Dimensions: 92x92x25mm

Bearing Type: Dual Ball Bearing

Termination: 3-Wire Interface

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

Life Expectancy: 70,000 Hours at 40°C

Weight: 94.0 g

Ingress Protection: IP5X (Dust Protected)

Safety Certifications: UL, CUR, TUV, CE

Motor Protection: Polarity Protection, Auto Restart

Designed for high-reliability cooling, the EE92252B1-000C-F99 is frequently integrated into variable frequency drives (VFDs) and industrial inverters where consistent heat dissipation is paramount. Its 3-wire control interface allows for precise speed modulation in server racks and telecommunication cabinets, optimizing energy usage based on thermal load. Additionally, the EE92252B1-000C-F99 serves as a critical cooling solution in CNC machinery and medical instrumentation, ensuring sensitive components operate within safe temperature ranges.

Supplemental Images

