EF92251S3-Q000-S99 SUNON 12VDC 92x92x25mm PWM Axial Fan Datasheet

Brand: SUNON

SKU: 645245855118

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ef92251s3-q000-s99-sunon-12vdc-92x92x25mm-pwm-axial-fan

Product Description

The SUNON EF92251S3-Q000-S99 is a precision-engineered DC Axial Fan designed for applications prioritizing acoustic discretion alongside reliable thermal exchange. Built upon SUNON's established bearing architecture, this unit ensures reduced frictional coefficients and enhanced structural rigidity, contributing to a stable operational lifespan. The aerodynamic impeller geometry is optimized to deliver consistent airflow while minimizing turbulence-induced noise, making it a superior choice for quiet computing environments. Featuring a 4-wire PWM (Pulse Width Modulation) interface, the fan allows for dynamic speed regulation, enabling systems to modulate cooling performance in real-time response to thermal sensors, thereby maximizing energy efficiency and minimizing acoustic footprint.

Model Number: EF92251S3-Q000-S99
Brand: SUNON
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 4.5 - 13.8 VDC
Rated Power: 1.32 W
Rated Current: 0.11 A
Rated Speed: 2400 RPM
Bearing Type: Sleeve Bearing

Max. Air Flow: 39.5 CFM (67.11 m^3/h)
Max. Static Pressure: 0.10 inH_2O (2.54 mmH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 94 g
Life Expectancy: 30,000 Hours @ 40°C
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead with Connector
Ingress Protection: N/A
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
Noise Level: 28.0 dB(A)

The EF92251S3-Q000-S99 is specifically calibrated for integration into noise-sensitive hardware such as desktop computer chassis, home media servers, and office workstations. Its PWM capability renders it highly effective for CPU cooling and smart power supply units where fan speed must correlate with load intensity. Furthermore, the EF92251S3-Q000-S99 is utilized in medical devices and precision instrumentation where vibration and acoustic interference must be kept to an absolute minimum while maintaining thermal equilibrium.

Supplemental Images


SUNON
EF92251S3-Q000-S99
DC12V 1.32W
EP
CLX
MADE IN CHINA