

EEC0252B3-000C-G99 Sunon 24V 120x120x25mm DC Axial Fan

SKU: EEC0252B3-000C-G99

Price: \$15.29

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/eec0252b3-000c-g99-sunon-24v-120x120x25mm-dc-axial-fan/>

Product Description

The Sunon EEC0252B3-000C-G99 is a high-efficiency 120 mm DC axial fan designed for long-term reliability in industrial and telecommunications infrastructure. Operating on a 24 VDC supply with a low power consumption of only 2.0 W, this unit is engineered for energy-critical cooling applications. It features a robust dual ball bearing system that ensures stable mechanical performance and an extended service life. The G99 configuration includes a professional 3-wire interface with a Tacho (FG) signal output, enabling the host system to perform real-time rotational speed monitoring for proactive system safety. With a rated speed of 2200 RPM, the EEC0252B3-000C-G99 delivers a powerful airflow of 75 CFM and a static pressure of 0.16 inH₂O while maintaining an impressively low noise profile of 34 dBA. Constructed with UL 94V-0 flame-retardant plastic, this 157 g fan provides a dependable, eco-friendly thermal solution for power supplies, server racks, and industrial control cabinets across an ambient temperature range of -10 °C to +70 °C.

EEC0252B3-000C-G99 Fan Parameters

Model Number: EEC0252B3-000C-G99

Manufacturer: Sunon

Series: EEC Series

Type: DC Axial Fan

Size: 120 mm

Dimensions: 120 x 120 x 25 mm

Weight: 157 g

Bearing Type: Ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Power Consumption: 2.0 W

Nominal Current: 0.08 A

Speed: 2200 RPM

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Actual Air Flow: 75 CFM (127.4 m³/h)

Actual Static Pressure: 0.16 inH₂O (4.06 mmH₂O / 39.8 Pa)

Sound Pressure Level: 34 dB(A)

Motor Design: Brushless DC motor

Motor Protection: Auto-restart; Polarity protection

Technical Features: Tacho output (FG signal); 3-wire interface; Soft start

Insulation Class: Class A

Electrical Hookup: 3-wire lead wires (Red: +, Black: -, Yellow: FG)

Number of Blades: 7

Direction of Rotation: Counter-clockwise, viewed toward rotor

Airflow Direction: Exhaust over struts

Impeller Material: Plastic (UL 94V-0)

Housing Material: Plastic (UL 94V-0)

Installation Position: Any

Degree of Protection: IP20

Operating Temperature: -10 - +70 °C

Service Life (L10 @ 40 °C): 70000 h

Standard Compliance: UL, TUV, CE

Approval Agency: UL, TUV, CUR

Application

The Sunon EEC0252B3-000C-G99 DC fan is primarily utilized in industrial power supplies, telecommunications equipment cabinets, frequency converters, and server rack ventilation.

Product Images









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