

9GAX0412P3S001 Sanyo Denki 12V 40x40x28mm DC Axial Fan

SKU: 9GAX0412P3S001

Price: \$39.99

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9gax0412p3s001-sanyo-denki-12v-40x40x28mm-dc-axial-fan/>

Product Description

The Sanyo Denki 9GAX0412P3S001 is a high-performance 12VDC axial fan with dimensions of 40 x 40 x 28 mm, part of the specialized San Ace 40GAX high-static pressure series. This 40 mm fan size model is specifically engineered for high-density 1U server chassis and networking equipment requiring high-velocity airflow in restricted spaces. Operating on a 12 VDC supply, it delivers a Power Consumption of 15.6 W and a Current Draw of 1.3 A at a rated speed of 25000 RPM. Featuring a dual ball bearing system and a 4-wire PWM interface for precision speed control and tachometer feedback, it ensures superior aerodynamic efficiency, high reliability, and stable continuous operation in demanding thermal environments at the end.

9GAX0412P3S001 Fan Parameters

Model Number: 9GAX0412P3S001

Manufacturer: Sanyo Denki

Series: San Ace 40GAX

Type: DC Axial Fan

Dimensions: 40 x 40 x 28 mm

Weight: 67 g

Bearing Type: Dual ball bearing

Nominal Voltage: 12 VDC

Operating Voltage Range: 10.8 - 13.2 VDC

Current Draw: 1.3 A

Power Consumption: 15.6 W

Rated Speed: 25000 RPM

Max. Air Flow: 28.3 CFM (48.1 m³/h / 0.80 m³/min)

Max. Static Pressure: 72.11 mmH₂O (707.0 Pa / 2.84 inAq)

Control Interface: 4-wire PWM (Pulse Width Modulation)

Sensor Output: Pulse sensor (Tachometer)

Impeller Material: Plastic (UL 94V-0)

Frame Material: Plastic (UL 94V-0)

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Degree of Protection: IP00

Expected Life: 40000 hours at 60 °C (70000 hours at 40 °C)

Motor Protection: Locked rotor burnout protection / Reverse polarity protection

Mode: Continuous operation

Max. Ambient Temperature: 70 °C

Min. Ambient Temperature: -20 °C

Standard Compliance: UL; CSA; TÜV; CE; RoHS

Application

The Sanyo Denki 9GAX0412P3S001 axial fan is the primary cooling solution for 1U server architectures, networking switches, and high-performance industrial power supplies requiring extreme static pressure and reliable airflow in a 40mm configuration.

Product Images









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