

9G1212A401 Sanyo Denki 12V 0.40A 120x120x25mm DC Axial Fan

SKU: 9G1212A401

Price: \$29.99

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9g1212a401-sanyo-denki-12v-0-40a-120x120x25mm-dc-axial-fan/>

Product Description

The Sanyo Denki 9G1212A401 is a high-performance 12VDC axial fan with dimensions of 120 x 120 x 25 mm, specifically engineered for efficient thermal management in industrial and commercial electronic systems. As part of the San Ace 120 (9G type) series, this cooling solution features a robust plastic frame and a specialized 7-blade impeller (UL 94V-0), optimized for high airflow and superior aerodynamic efficiency. It operates at a rated speed of 2,850 RPM, delivering a maximum air flow of 96.1 CFM (163.2 m³/h) and a static pressure of 0.23 inH₂O (58 Pa). Equipped with a high-precision dual ball bearing system, the 9G1212A401 ensures a reliable service life of 60,000 hours at 40°C. This model is characterized by its high energy efficiency and integrated speed monitoring, making it a dependable choice for power supplies, server enclosures, and industrial control panels.

9G1212A401 Fan Parameters

Manufacturer: Sanyo Denki

Model Number: 9G1212A401

Type: DC Axial Fan

Series: San Ace 120 (9G type)

Dimensions: 120 x 120 x 25 mm

Weight: 200 g

Frame Material: Plastics (UL 94V-0)

Impeller Material: Plastics (UL 94V-0)

Bearing Type: Dual Ball Bearing

Number of Blades: 7

Rated Voltage: 12 VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.40 A
Rated Input Power: 4.8 W
Rated Speed: 2,850 RPM
Max. Air Flow: 96.1 CFM (163.2 m³/h / 2.72 m³/min)
Max. Static Pressure: 0.23 inH₂O (58 Pa / 5.9 mmH₂O)
Sound Pressure Level: 40 dB(A)
Termination: 3 Lead Wires (300 mm)
Wire Functions: Red (+), Black (-), Yellow (Tachometer)
Control Interface: Pulse Sensor (Tachometer)
Operating Temperature: -20 - +70 °C
Storage Temperature: -30 - +70 °C
Expected Life: 60,000 h (at 40 °C) / 40,000 h (at 60 °C)
Locked Rotor Protection: Supported
Reverse Polarity Protection: Supported
Safety Approvals: UL, CSA, TUV, RoHS

Application

The Sanyo Denki 9G1212A401 professional-grade axial fan is specifically designed for cooling automated control cabinets, high-capacity switching power supplies, ventilation systems in manufacturing equipment, and professional-grade server racks where 12VDC power is utilized.

Product Images









Scan for product details:

