9G0924S204 Sanyo Denki 24VDC 92x92x38mm Tachometer Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 973153920651

Category: Axial & Centrifugal Fans

Price: **$23.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9g0924s204-sanyo-denki-24vdc-92x92x38mm-tachometer-axial-fan

Product Description

The Sanyo Denki 9G0924S204 is a precision-engineered Axial Fan designed for high-reliability thermal management systems. Belonging to the renowned San Ace 92 series, this unit utilizes a robust DC motor architecture paired with dual ball bearings to minimize friction and extend operational service life. The aerodynamic impeller design optimizes the pressure-to-airflow ratio, delivering efficient cooling performance with reduced acoustic resonance. Constructed with high-grade UL94V-0 thermoplastic, the frame ensures structural rigidity and thermal stability under continuous load. This model features a 3-wire interface with tachometer output, enabling real-time speed monitoring and precise thermal regulation in critical industrial and computing environments.

Model Number: 9G0924S204
Brand: Sanyo Denki
Series: San Ace 92 (9G Type)
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.19 A
Rated Power: 4.56 W

Rated Speed: 3600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 62.1 CFM (1.76 m^3/min)
Max. Static Pressure: 58.8 Pa (0.236 inH_2O)
Noise Level: 39 dB(A)
Dimensions: 92 x 92 x 38 mm
Weight: 170 g
Termination: 3-Wire (Lead Wire)
Sensor Type: Pulse Sensor (Tachometer)
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10 to +70 °C
Storage Temperature: -30 to +70 °C
Life Expectancy: 40,000 Hours (60°C) / 70,000 Hours (40°C)
Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection
Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

The 9G0924S204 is engineered for demanding applications requiring consistent airflow and long-term reliability, such as server chassis cooling, telecommunications cabinets, and industrial automation control panels. Its compact 92mm form factor allows for seamless integration into power supply units and medical instrumentation where space is constrained but thermal density is high. By utilizing the tachometer signal, system integrators can employ the 9G0924S204 in closed-loop cooling circuits, ensuring optimal operating temperatures for sensitive electronic components while maintaining energy efficiency.

Supplemental Images