

9A0624S402 Sanyo Denki 24VDC 60x60x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [727756202079](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/9a0624s402-sanyo-denki-24vdc-60x60x25mm-axial-fan>

Product Description

The Sanyo Denki 9A0624S402 is a high-reliability DC Axial Fan engineered to deliver efficient thermal exchange in compact industrial environments. Utilizing advanced brushless DC motor technology coupled with a precision double ball bearing architecture, this unit minimizes mechanical friction and internal heat generation, significantly extending operational service life. The aerodynamic impeller design reduces turbulence-induced noise while maintaining consistent static pressure, effectively lowering the thermal impedance of high-density electronic assemblies. Constructed with high-rigidity materials meeting UL94V-0 flammability standards, the 9A0624S402 ensures structural integrity and performance stability under continuous load conditions, making it a critical component for thermal management systems requiring longevity and acoustic discretion.

Model Number: 9A0624S402

Brand: Sanyo Denki

Product Series: San Ace 60

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 15.0 - 27.6 VDC

Rated Current: 0.08 A

Power Consumption: 1.92 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 15.5 CFM (0.44 m³/min)

Max. Static Pressure: 2.99 mmH₂O (29.4 Pa / 0.11 inH₂O)

Dimensions: 60x60x25 mm

Weight: 110 g

Life Expectancy: 60,000 Hours (L10 at 40°C)

Noise Level: 28 dB(A)

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Termination: 2-Wire (Red +, Black -)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

The 9A0624S402 is specifically optimized for deployment in power conversion electronics, including variable frequency drives (VFDs) and industrial inverters where reliable heat dissipation is paramount. Its low acoustic signature makes the 9A0624S402 equally suitable for medical diagnostic equipment, telecommunications switching gear, and noise-sensitive server rack applications. By maintaining optimal operating temperatures for sensitive semiconductors, the 9A0624S402 prevents thermal throttling and component degradation in CNC control units and automation enclosures. The fan's robust design ensures consistent performance in 24/7 duty cycles, reducing maintenance requirements in critical infrastructure.

Supplemental Images

