

9WP0824S4D03 Sanyo Denki 24VDC 80x80x25mm Waterproof Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [841258060162](#)

Category: Axial & Centrifugal Fans

Price: **\$26.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/9wp0824s4d03-sanyo-denki-24vdc-80x80x25mm-waterproof-axial-fan>

Product Description

The Sanyo Denki 9WP0824S4D03 is a precision-engineered DC axial fan belonging to the renowned San Ace 80W series, designed specifically for harsh environments requiring superior ingress protection. This unit features a robust thermoplastic housing and impeller, optimized for structural rigidity and minimal thermal impedance. Utilizing advanced dual ball bearing architecture, the fan ensures longevity and stable operation under continuous load. The aerodynamic blade design maximizes airflow efficiency while maintaining low acoustic noise, making it an ideal solution for moisture-prone industrial applications where reliability is paramount.

Model Number: 9WP0824S4D03

Brand: Sanyo Denki

Series: San Ace 80W

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.1 A

Power Input: 2.4 W

Rated Speed: 2900 RPM

Bearing Type: Dual Ball Bearing
Max. Air Flow: 36.4 CFM (1.03 m³/min)
Max. Static Pressure: 3.2 mmH₂O (31.4 Pa / 0.12 inH₂O)
Dimensions: 80x80x25mm
Weight: 130 g
Ingress Protection: IP68 (Waterproof/Dustproof)
Noise Level: 29 dB(A)
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: 3-Wire (Lead Wire)
Sensor Type: Locked Rotor Sensor / Pulse Sensor
Operating Temperature: -20°C to +70°C
Storage Temperature: -30°C to +70°C
Life Expectancy: 60,000 Hours (at 40°C)
Mounting Orientation: Any
Certifications: UL, CSA, TUV

The 9WP0824S4D03 is engineered for critical thermal management in industrial automation and power electronics. Specifically suited for Mitsubishi drives and variable frequency inverters, this fan provides consistent cooling in environments exposed to moisture and dust. The 9WP0824S4D03 is also widely utilized in outdoor telecommunications cabinets, solar inverters, and CNC machinery where standard fans would fail due to ingress issues. Its waterproof capabilities ensure operational integrity in wash-down areas and high-humidity processing facilities.

Supplemental Images

