

9A0812E401 Sanyo Denki 12VDC 2.88W 80x80x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [938645672185](#)

Category: Axial & Centrifugal Fans

Price: **\$21.63**

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Product Page:

<https://www.equipspares.com/product/9a0812e401-sanyo-denki-12vdc-2-88w-80x80x25mm-axial-fan>

Product Description

Sanyo Denki 9A0812E401 is a high-performance DC axial fan measuring 80 x 80 x 25 mm, operating at a nominal 12 VDC with a 0.24 A current draw. It features a dual ball bearing system and a brushless DC motor housed in a UL 94V-0 rated plastic frame and impeller. The unit delivers a maximum airflow of 1.31 m³ / min (46.3 CFM) and a static pressure of 51 Pa at a rotational speed of 3800 RPM. The 2-wire interface provides a simple power connection without sensor feedback, optimized for continuous duty thermal management.

9A0812E401 Specifications

Model Number: 9A0812E401

Brand: Sanyo Denki

Series: San Cooler 80 (9A Type)

Frame Size: 80 x 80 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 7 to 13.8 VDC

Rated Current: 0.24 A

Rated Input: 2.88 W

Rated Speed: 3800 RPM

Maximum Airflow: 1.31 m³ / min (46.3 CFM)

Maximum Static Pressure: 51 Pa (0.205 inchH₂O)

Noise Level: 37 dB(A)

Bearing Type: Dual Ball Bearing

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Lead Wire: 2-wire (Red: +, Black: -)

Operating Temperature: -20 to +70 °C

Expected Life: 40,000 Hours at 60 °C

Mass: 100 g

Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

9A0812E401 Applications

Primary applications include integration into industrial frequency converters, server chassis cooling, and power supply thermal management systems. Deployed within telecommunications base stations and medical diagnostic equipment requiring high-reliability axial ventilation.

Supplemental Images

