

# 9PH0412P3K063 Sanyo Denki 12VDC 40x40x28mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [722443413758](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$9.99**

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Product Page:

<https://www.equipspares.com/product/9ph0412p3k063-sanyo-denki-12vdc-40x40x28mm-axial-fan>

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## Product Description

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The Sanyo Denki 9PH0412P3K063 is a precision-engineered axial fan designed for high-density electronic cooling applications requiring superior aerodynamic efficiency. This unit integrates advanced motor technology with a robust frame construction, ensuring structural rigidity and optimal vibration dampening during high-speed operation. Built to rigorous industrial standards, the fan features a specialized impeller geometry that maximizes air throughput while maintaining critical static pressure levels, making it essential for overcoming high thermal impedance in restricted enclosures. The design prioritizes longevity and reliability, employing premium bearing architecture to sustain continuous operation under demanding load conditions.

Model Number: 9PH0412P3K063

Brand: Sanyo Denki

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.50 A

Rated Input Power: 6.0 W

Rated Speed: 15500 RPM

Max. Air Flow: 22.95 CFM (0.65 m<sup>3</sup>/h)

Max. Static Pressure: 1.83 inH<sub>2</sub>O (455 Pa)

Bearing Type: Ball Bearing

Dimensions: 40 x 40 x 28 mm

Weight: 0.053 kg

Noise Level: 54 dB(A)

Speed Control: PWM Control

Material Frame: Plastic (UL94V-0)

Material Impeller: Plastic (UL94V-0)

Operating Temperature: -20 to +70°C

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

Termination: Lead Wires

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 9PH0412P3K063 is frequently utilized in high-performance computing environments such as server racks and blade chassis where localized cooling is critical. Due to its compact 40mm form factor and high static pressure capabilities, the 9PH0412P3K063 is also ideal for cooling power supply units (PSUs), telecommunications equipment, and complex industrial automation controllers. Additionally, its robust design makes it a preferred choice for specialized hobbyist projects like costume ventilation (fursuits) and DIY 3D printer modifications requiring reliable thermal dissipation.

## Supplemental Images

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