9WL0612P4J001 Sanyo Denki 12VDC 60x60x25mm IP68 Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 1004588996648

Category: Axial & Centrifugal Fans

Price: **$135.00**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9wl0612p4j001-sanyo-denki-12vdc-60x60x25mm-ip68-axial-fan

Product Description

The Sanyo Denki 9WL0612P4J001 is a precision-engineered San Ace 60W Axial Fan designed for harsh environments requiring superior ingress protection. This unit features a robust IP68-rated architecture, ensuring operational stability against dust and water submersion, making it ideal for outdoor or industrial applications. Utilizing advanced DC motor technology and a specialized impeller design, it optimizes aerodynamic efficiency while maintaining a compact 60mm footprint. The fan incorporates Pulse Width Modulation (PWM) for dynamic speed control, effectively managing thermal impedance in high-density electronics. Its structural rigidity and long-life dual ball bearing system guarantee reliable performance under continuous load.

Model Number: 9WL0612P4J001
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 60W
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.39 A
Power Input: 4.68 W
Rated Speed: 11000 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 44.1 CFM (74.9 m^3/h / 1.25 m^3/min)
Max. Static Pressure: 26.5 mmH_2O (260 Pa / 1.04 inH_2O)
Dimensions: 60x60x25 mm
Ingress Protection: IP68 (Water & Dust Proof)
Noise Level: 54 dB(A)
Speed Control: PWM (Pulse Width Modulation)
Sensor: Pulse Sensor
Life Expectancy: 100,000 Hours (L10 at 40°C)
Operating Temperature: -20°C to +70°C
Storage Temperature: -30°C to +70°C
Frame Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Termination: Lead Wires
Certifications: UL, CSA, TUV

The 9WL0612P4J001 is specifically engineered for applications demanding high reliability in challenging environmental conditions. Common deployments include outdoor telecommunications cabinets, solar inverters, and industrial automation equipment exposed to moisture or dust. The 9WL0612P4J001 also serves effectively in cooling LED digital signage and ruggedized power supplies, ensuring critical components remain within safe thermal operating limits.

Supplemental Images


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SanAce60W
MODEL 9WL0612P4J001
DC 12V 0.39A IP68
EP 082509P
SANYO DENKI
Made in The Philippines