9EB5748P5K03 Sanyo Denki 48VDC 172x150x51mm IP68 Axial Fan Datasheet

Brand: Sanyo Denki

SKU: 742807551648

Category: Axial & Centrifugal Fans

Price: **$70.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/9eb5748p5k03-sanyo-denki-48vdc-172x150x51mm-ip68-axial-fan

Product Description

The Sanyo Denki 9EB5748P5K03 is a robust DC Axial Fan engineered for critical thermal management in harsh environments. Belonging to the San Ace 172 series, this unit features an IP68 ingress protection rating, ensuring operational integrity against dust and water submersion. The design utilizes a high-precision dual ball bearing system to minimize friction and extend service life, while the aerodynamic impeller geometry optimizes airflow against high static pressure resistance. Its aluminum die-cast frame provides superior structural rigidity and heat dissipation properties, making it ideal for high-density server power supplies and industrial telecommunications equipment requiring low thermal impedance.

Model Number: 9EB5748P5K03
Brand: Sanyo Denki
Product Type: DC Axial Fan
Series: San Ace 172 (9EB Type)
Rated Voltage: 48 VDC
Voltage Range: 40.8 - 55.2 VDC
Rated Current: 0.7 A
Power Input: 33.6 W
Rated Speed: 4100 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 261 CFM (443 m^3/h / 7.39 m^3/min)
Max. Static Pressure: 22.4 mmH_2O (220 Pa / 0.88 inH_2O)
Dimensions: 172mm x 150mm x 51mm
Frame Material: Aluminum Die-Cast
Impeller Material: Plastic (UL94V-0)
Ingress Protection: IP68 (Waterproof/Dustproof)
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead
Operating Temperature: -20°C to +70°C
Life Expectancy: 40,000 Hours at 60°C
Safety Certifications: UL, CSA, TUV

The 9EB5748P5K03 is specifically calibrated for high-reliability applications such as Huawei server power supplies and telecommunications base stations where environmental resilience is paramount. Its IP68 rating allows the 9EB5748P5K03 to function effectively in outdoor enclosures and industrial machinery exposed to moisture and particulate matter. Additionally, this model is frequently utilized in renewable energy inverters, medical instrumentation, and high-capacity network switches requiring consistent forced-air cooling.

Supplemental Images