KA1238X-3200D24B RD-L A3.3 KAKU 24VDC 120x120x38mm Axial Fan Datasheet

Brand: KAKU

SKU: 966830491842

Category: Axial & Centrifugal Fans

Price: **$32.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/ka1238x-3200d24b-rd-l-a3-3-kaku-24vdc-120x120x38mm-axial-fan

Product Description

The KAKU KA1238X-3200D24B is a precision-engineered DC Axial Fan designed for demanding thermal management applications requiring superior structural rigidity and longevity. This unit features a robust aluminum alloy housing coupled with high-tensile magnesium alloy blades, ensuring exceptional dimensional stability and resistance to thermal deformation under high-load conditions. Driven by a high-efficiency DC motor and supported by a durable double ball bearing system, the fan minimizes frictional losses while maximizing airflow throughput. The integration of a 3-wire interface with an alarm signal output allows for real-time monitoring of fan status, critical for preventing system failure in industrial environments. Its aerodynamic profile is optimized to reduce turbulence noise while maintaining high static pressure capabilities.

Model Number: KA1238X-3200D24B RD-L A3.3
Brand: KAKU
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.50 A
Power Consumption: 12.0 W
Rated Speed: 3200 RPM
Max. Air Flow: 105.0 CFM (178.4 m^3/h / 2.97 m^3/min)

Max. Static Pressure: 8.89 mmH_2O (87.18 Pa / 0.35 inH_2O)
Dimensions: 120 x 120 x 38 mm
Bearing Type: Double Ball Bearing
Housing Material: Aluminum Alloy
Blade Material: Magnesium Alloy
Termination: 3-Wire Lead
Wire Color Code: Red (+), Black (-), Yellow (Alarm)
Signal Output: Alarm Signal (RD)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 50,000 Hours @ 40°C

The KA1238X-3200D24B is engineered for deployment in mission-critical industrial environments where reliability and material durability are paramount. Common installation sites include CNC control cabinets, server racks, and power supply units where the magnesium alloy blades provide stability against heat. The KA1238X-3200D24B is also frequently utilized in telecommunications infrastructure and medical instrumentation, ensuring consistent thermal regulation in enclosed chassis systems.

Supplemental Images