DATA0838B2U AVC 12VDC 80x80x38mm PWM Control Axial Fan Datasheet

Brand: AVC

SKU: 905122340314

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/data0838b2u-avc-12vdc-80x80x38mm-pwm-control-axial-fan

Product Description

The AVC DATA0838B2U is a high-performance industrial axial fan designed to deliver superior thermal management in space-constrained electronic environments. Engineered with a robust DC motor and a precision-balanced impeller, this unit optimizes aerodynamic throughput while maintaining structural rigidity under high-speed operation. The integration of a dual ball bearing architecture significantly reduces frictional coefficient and thermal impedance, ensuring an extended operational service life even in continuous-duty applications. Featuring advanced 4-wire PWM speed control, the fan allows for dynamic RPM modulation, enabling systems to balance cooling efficiency with acoustic output based on real-time thermal loads. This component is built to withstand rigorous operational demands, offering reliable heat dissipation for critical hardware.

Model Number: DATA0838B2U
Brand: AVC
Product Type: Axial Fan
Rated Voltage: 12 VDC
Rated Current: 1.02 A
Power Consumption: 12.24 W
Dimensions: 80 x 80 x 38 mm
Bearing Type: Dual Ball Bearing
Speed Control: 4-Wire PWM

Termination: Lead wires with Connector
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Mounting Orientation: Any
Application: Computer/Server Cooling
Motor Type: Brushless DC

The DATA0838B2U is ideally suited for integration into high-density server racks and 2U chassis configurations where maintaining optimal operating temperatures is critical for system stability. Industrial automation integrators frequently deploy the DATA0838B2U within CNC control cabinets, telecommunications infrastructure, and precision medical devices to safeguard sensitive components from thermal throttling. Its high static pressure capabilities make it particularly effective for forcing air through dense heatsinks and restricted enclosures in enterprise computing environments.

Supplemental Images