

DCTA0938B8H-P001 AVC 48VDC 0.38A 92x92x38mm Axial Fan Datasheet



Brand: AVC

SKU: [894732756374](#)

Category: Axial & Centrifugal Fans

Price: **\$27.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/dcta0938b8h-p001-avc-48vdc-0-38a-92x92x38mm-axial-fan>

Product Description

The AVC DCTA0938B8H-P001 is a DC Axial Fan engineered for high-demand industrial thermal management. Utilizing a brushless DC motor and dual ball bearing architecture, this unit ensures exceptional structural rigidity and minimized thermal impedance under continuous operation. Its aerodynamic impeller design is optimized for high static pressure, making it ideal for dense electronic environments. The 4-wire configuration supports precise PWM speed control and tachometer feedback, allowing for intelligent system integration and energy efficiency. Built with UL94V-0 flame-retardant materials, it maintains reliable performance in rigorous environments where cooling consistency is critical.

Model Number: DCTA0938B8H-P001

Brand: AVC

Product Type: DC Axial Fan

Rated Voltage: 48VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.38A

Power: 18.24W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 110.5 CFM (187.7 m³/h / 3.13 m³/min)

Max. Static Pressure: 18.5 mmH₂O (181.4 Pa / 0.73 inH₂O)

Dimensions: 92x92x38mm

Weight: 210g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM Control, Tachometer Output

Ingress Protection: IP54

Insulation Class: Class A

Noise Level: 56.0 dB(A)

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Termination: 4-Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Mounting Orientation: Any

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

The DCTA0938B8H-P001 is primarily deployed in high-performance frequency inverters and industrial power supplies where heat dissipation is paramount. Its robust construction allows the DCTA0938B8H-P001 to excel in server rack cooling, telecommunications infrastructure, and CNC machine control cabinets. This fan is also suitable for medical imaging equipment and automated manufacturing systems that require reliable, long-term thermal regulation.

Supplemental Images

