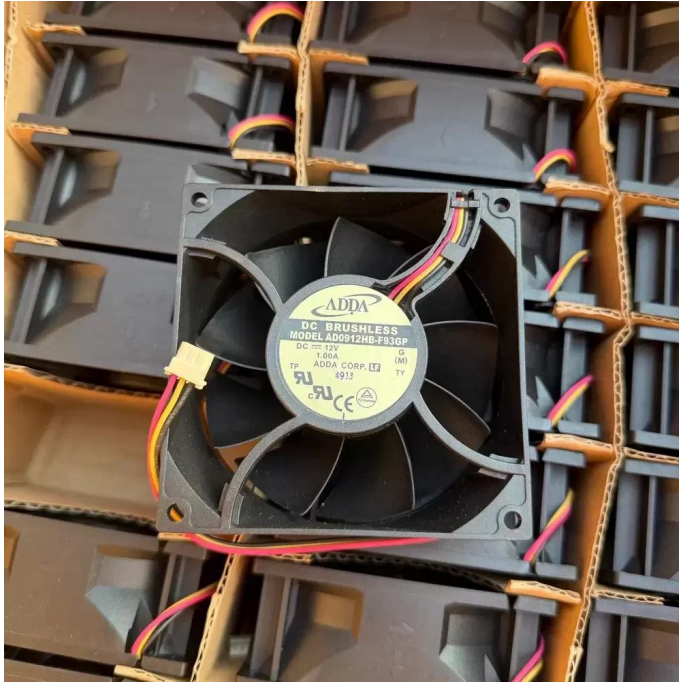


AD0912HB-F93GP ADDA 12VDC 92x92x38mm RD Alarm Fan Datasheet



Brand: ADDA

SKU: 1013712801588

Category: Axial & Centrifugal Fans

Price: \$9.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/ad0912hb-f93gp-adda-12vdc-92x92x38mm-rd-alarm-fan>

Product Description

The ADDA AD0912HB-F93GP is a precision-engineered DC axial fan designed for critical thermal management applications requiring high static pressure and robust airflow. Featuring a durable dual ball bearing architecture, this unit ensures long-term operational stability and reduced friction coefficients under continuous load. The 92mm frame is constructed to maximize structural rigidity while minimizing vibration-induced noise. Equipped with a Rotation Detector (RD) alarm, the fan provides real-time status monitoring, essential for preventing thermal runaway in sensitive electronics. Its aerodynamic impeller design optimizes the P-Q curve, delivering efficient cooling performance with low thermal impedance.

Model Number: AD0912HB-F93GP

Brand: ADDA

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 1.00 A

Input Power: 12.0 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 105.0 CFM (178.4 m³/h / 2.97 m³/min)

Max. Static Pressure: 14.5 mmH₂O (142.2 Pa / 0.57 inH₂O)

Dimensions: 92 x 92 x 38 mm

Weight: 190 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 55.0 dB(A)

Output Signal: RD (Rotation Detector/Locked Rotor Alarm)

Frame Material: Glass Fiber Reinforced PBT (UL94V-0)

Impeller Material: Glass Fiber Reinforced PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Termination: Lead Wires

This high-performance cooling solution is specifically engineered for demanding industrial environments such as server rack enclosures, telecommunications base stations, and power supply units where consistent airflow is paramount. The AD0912HB-F93GP excels in systems requiring active monitoring of fan status to trigger fail-safe protocols during maintenance cycles. Additionally, the AD0912HB-F93GP is widely utilized in CNC machinery and medical instrumentation, ensuring components remain within safe thermal operating limits to prevent hardware degradation.

Supplemental Images

