AG09224EB257110 ADDA 24VDC 92x92x25mm Alarm Sensor Axial Fan Datasheet

Brand: ADDA

SKU: 684398599295

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ag09224eb257110-adda-24vdc-92x92x25mm-alarm-sensor-axial-fan

Product Description

The ADDA AG09224EB257110 is a precision-engineered DC Axial Fan designed for rigorous thermal management in industrial inverter systems and power electronics. Featuring a robust Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous high-speed loads. The aerodynamic impeller design optimizes airflow dynamics to significantly reduce thermal impedance, while the structural rigidity of the frame withstands high-vibration environments common in automation. Engineered for critical reliability, it integrates a 3-wire interface with alarm signal detection to facilitate real-time system monitoring and fault protection.

Model Number: AG09224EB257110
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.50 A
Power: 12.0 W
Rated Speed: 4200 RPM

Bearing Type: Ball Bearing
Max. Air Flow: 78.5 CFM (133.3 m^3/h / 2.22 m^3/min)
Max. Static Pressure: 8.6 mmH_2O (84.3 Pa / 0.34 inH_2O)
Dimensions: 92x92x25 mm
Weight: 120 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 46.0 dB(A)
Speed Control: 3-Wire Alarm Signal (Locked Rotor Sensor)
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Certifications: CE, TUV, UL, cUL

This high-performance cooling solution is specifically calibrated for variable frequency drives and industrial inverters where rapid heat dissipation is mandatory. The AG09224EB257110 excels in server rack enclosures, telecommunications equipment, and CNC machinery control panels requiring sustained airflow. By maintaining optimal operating temperatures, the AG09224EB257110 prevents thermal throttling in power electronics and automation systems, ensuring consistent reliability in demanding manufacturing environments.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AG09224EB257210
DC 24V
0.50A
(10PCUL10)
ADDA CORP.
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