

KF0428B2LRAT JAMICON 24VDC 0.13A 40x40x28mm DC Axial Fan Datasheet



Brand: Jamicon

SKU: [852854193978](#)

Category: Axial & Centrifugal Fans

Price: **\$6.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/kf0428b2lrat-jamicon-24vdc-0-13a-40x40x28mm-dc-axial-fan>

Product Description

The JAMICON KF0428B2LRAT is a precision-engineered DC Axial Fan designed for high-density thermal management applications requiring reliable airflow in compact footprints. Utilizing advanced brushless DC motor technology and a robust Dual Ball Bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous loads. The 40x40x28mm frame is optimized for aerodynamic efficiency, delivering a high static pressure to airflow ratio essential for overcoming system impedance in tightly packed enclosures. Engineered with industrial-grade thermoplastic, it maintains thermal stability and minimizes vibration, making it an ideal solution for critical cooling requirements in variable frequency drives and power electronics where thermal impedance must be minimized.

Model Number: KF0428B2LRAT

Brand: JAMICON

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Power Input: 3.12 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 14.5 CFM (24.6 m³/h / 0.41 m³/min)
Max. Static Pressure: 8.6 mmH₂O (84.3 Pa / 0.34 inH₂O)
Dimensions: 40 x 40 x 28 mm
Weight: 45 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 36.5 dB(A)
Housing Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Ingress Protection: IP20
Insulation Class: Class A
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 2-Wire Lead
Mounting Orientation: Any
Safety Certifications: UL, cUL, TUV, CE
Protection: Impedance Protected, Reverse Polarity

Designed for rigorous industrial environments, the KF0428B2LRAT excels in cooling variable frequency drives (VFDs) and server rack components where space is limited but heat dissipation is critical. Its high static pressure capabilities make it suitable for telecommunications equipment, CNC machinery control panels, and medical instrumentation. By integrating the KF0428B2LRAT into power supply units and compact electronic assemblies, operators ensure reliable thermal regulation and system longevity.

Supplemental Images

