PL13B48M Power Logic 48VDC 120x120x38mm DC Axial Fan Datasheet

SKU: 932609475393

Category: Axial & Centrifugal Fans

Price: **$8.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/pl13b48m-power-logic-48vdc-120x120x38mm-dc-axial-fan

Product Description

The Power Logic PL13B48M is a precision-engineered DC axial fan designed for critical thermal management applications requiring sustained reliability. Utilizing advanced ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively reducing thermal impedance within high-density enclosures. Its robust construction supports reliable performance in demanding industrial environments, delivering consistent cooling capabilities essential for maintaining system stability and preventing thermal throttling.

Model Number: PL13B48M
Brand: Power Logic
Product Type: DC Axial Fan
Rated Voltage: 48VDC
Voltage Range: 28.0 - 56.0 VDC
Rated Current: 0.17 A
Power Consumption: 8.16 W
Rated Speed: 2600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 98.0 CFM (166.5 m^3/h / 2.77 m^3/min)

Max. Static Pressure: 7.2 mmH_2O (70.6 Pa / 0.28 inH_2O)
Dimensions: 120x120x38mm
Weight: 270 g
Life Expectancy: 50,000 Hours at 40°C
Noise Level: 41.0 dBA
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: 2-Wire Lead
Ingress Protection: IP20
Insulation Class: Class A
Safety Certifications: CE, UL, TUV
Mounting Orientation: Any

The PL13B48M is engineered for deployment in high-reliability sectors such as telecommunications infrastructure and server rack cooling systems. Its specific airflow characteristics make it suitable for heat dissipation in power supply units, CNC machinery, and industrial automation control panels. Integrators frequently utilize the PL13B48M within network switchgear and medical instrumentation where consistent thermal regulation is paramount to prevent component degradation and ensure continuous uptime.

Supplemental Images


POWER LOGIC
DC BRUSHLESS FAN
MODEL PL13B48M
*NDZBA 1531
EP
E 192307
34076
Ball bearing
DC 48V 0.17A
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