MGT6012XB-W15 Protechnic 12VDC 60x60x15mm PWM Axial Fan Datasheet

Brand: Protechnic

SKU: 960440804352

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mgt6012xb-w15-protechnic-12vdc-60x60x15mm-pwm-axial-fan

Product Description

The Protechnic MGT6012XB-W15 is a precision-engineered DC axial fan designed for high-reliability thermal management applications. Featuring a robust double ball bearing architecture, this unit ensures exceptional longevity and stability under continuous operation, significantly reducing mechanical friction and heat generation. The aerodynamic blade design optimizes airflow efficiency while maintaining a compact 60mm footprint, making it ideal for space-constrained enclosures. Equipped with 4-wire PWM control, the MGT6012XB-W15 allows for dynamic speed modulation, balancing thermal impedance against acoustic output. Its structural rigidity and precise electronic commutation make it a preferred choice for industrial inverters and computing hardware requiring consistent cooling performance.

Model Number: MGT6012XB-W15
Brand: Protechnic
Product Type: DC Axial Fan
Series: Series A
Rated Voltage: 12V DC
Rated Current: 0.27 A
Power Consumption: 3.24 W
Dimensions: 60 x 60 x 15 mm
Bearing Type: Double Ball Bearing

Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead
Wire Colors: Red, Black, Blue, Yellow
Housing Material: Industrial Grade Plastic
Blade Material: Industrial Grade Plastic
Mounting Style: Flange Mount
Application: Computer Chassis, Frequency Inverters

The MGT6012XB-W15 is specifically engineered for critical cooling within compact electronic assemblies, including high-performance computer chassis and industrial frequency inverters. Its slim profile allows for seamless integration into tight spaces found in variable frequency drives (VFDs) and server rack configurations where airflow cannot be compromised. By utilizing the MGT6012XB-W15, operators ensure reliable thermal dissipation for sensitive semiconductor components, preventing thermal throttling and extending the operational lifespan of mission-critical hardware in telecommunications and automation environments.

Supplemental Images