

MGA4024YB-A10 Magic 24V 0.10A DC Inverter Cooling Fan Datasheet



Brand: Protechnic

SKU: 805238154446

Category: Axial & Centrifugal Fans

Price: \$11.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mga4024yb-a10-magic-24v-0-10a-dc-inverter-cooling-fan>

Product Description

The Magic MGA4024YB-A10 is a high-performance DC axial fan designed to meet the rigorous thermal demands of industrial electronics. Engineered with a durable dual ball bearing system, this 40mm unit delivers reliable operation and extended service life even in continuous duty cycles. Its 24V DC configuration and optimized impeller design provide a balance of static pressure and airflow, making it an essential component for maintaining stability in power conversion equipment and compact electronic enclosures.

Brand: Magic (Protechnic)

Model Number: MGA4024YB-A10

Product Type: DC Axial Cooling Fan

Rated Voltage: 24V DC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.10 A

Input Power: 2.40 W

Dimensions: 40 x 40 x 10 mm

Bearing Type: Dual Ball Bearing

Nominal Speed: 6500 RPM

Max. Air Flow: 7.20 CFM (12.23 m³/h / 0.20 m³/min)

Max. Static Pressure: 4.83 mmH₂O (47.34 Pa / 0.19 inH₂O)

Noise Level: 29.0 dBA

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

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

Life Expectancy: 70,000 Hours at 40°C

Termination: Lead Wire (Red +, Black -)

Weight: 15 g

The MGA4024YB-A10 is specifically engineered for high-density electronic applications, serving as a critical component in industrial inverters and power conversion modules. Its compact 40mm footprint allows for seamless integration into tight enclosures, while the 24V DC operation aligns with standard industrial power rails. This fan is ideally suited for cooling variable frequency drives, server rack instrumentation, and automation control panels where continuous, reliable airflow is required to prevent component overheating and ensure system longevity.

Supplemental Images

