

# MGA4012ZB-O20 Protechnic 12VDC 0.22A 40x40x20mm Cooling Fan Datasheet



**Brand:** Protechnic

**SKU:** 1042318750778

**Category:** Axial & Centrifugal Fans

**Price:** \$16.36

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Product Page:

<https://www.equipspares.com/product/mga4012zb-o20-protechnic-12vdc-0-22a-40x40x20mm-cooling-fan>

## Product Description

Protechnic MGA4012ZB-O20 40 x 40 x 20 mm 12 VDC 0.22 A 9.98 CFM axial cooling fan is a high-performance thermal management component. The unit features a robust dual ball bearing system and a 2-wire interface for simplified power connection. Constructed with UL 94V-0 rated thermoplastic PBT for both the frame and impeller, it incorporates internal mechanisms for automatic restart and locked current protection.

MGA4012ZB-O20 Specifications

Model Number: MGA4012ZB-O20

Brand: Protechnic (Magic)

Category: DC Axial Fan

Dimensions: 40 x 40 x 20 mm

Rated Voltage: 12 VDC

Operating Voltage: 6.0 to 13.8 VDC

Rated Current: 0.22 A

Input Power: 2.64 W

Airflow: 9.98 CFM

Bearing Type: Dual Ball Bearing

Material: PBT Plastic (UL 94V-0)

Termination: 2-Wire (Red/Black)

Operating Temperature: -10 to 70 °C

Storage Temperature: -40 to 70 °C

Life Expectancy: 70,000 hours at 40 °C

Protection: Locked Rotor Protection, Auto Restart

Certifications: UL, TUV, CE

#### MGA4012ZB-O20 Applications

Primary applications include integration into server chassis, industrial power supply units, and telecommunications networking hardware. Deployed within compact electronic enclosures and high-density rack-mount equipment requiring consistent thermal management.

## Supplemental Images

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