

MGT9224YB-W38E Protechnic 24VDC 1.50A 92x92x38mm IP68 Fan Datasheet



Brand: Protechnic

SKU: [1047599389703](#)

Category: Axial & Centrifugal Fans

Price: **\$16.43**

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Product Page:

<https://www.equipspares.com/product/mgt9224yb-w38e-protechnic-24vdc-1-50a-92x92x38mm-ip68-fan>

Product Description

Protechnic MGT9224YB-W38E is a 92 x 92 x 38 mm high-performance axial fan operating at 24 VDC with a 1.50 A rated current. It features a robust dual ball bearing system and a five-blade PBT plastic impeller (UL 94V-0 rated). The unit is fully encapsulated to achieve an IP 68 ingress protection rating, ensuring total resistance to water submersion and dust. Electrical connection is provided via a 4-wire lead assembly supporting PWM speed control and tachometer feedback. The internal motor architecture is optimized for high-speed operation and extreme static pressure output.

MGT9224YB-W38E Specifications

Model: MGT9224YB-W38E

Brand: Protechnic Electric

Dimensions: 92 x 92 x 38 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 14.0 to 27.6 VDC

Rated Current: 1.50 A

Rated Power: 36.0 W

Bearing Type: Dual Ball Bearing

Ingress Protection: IP 68

Blade Count: 5 Blades

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Termination: 4-Wire Lead (PWM/Tachometer)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Safety Approvals: UL, TUV, CE

MGT9224YB-W38E Applications

Primary applications include integration into outdoor telecommunications enclosures, solar inverters, and industrial frequency converters requiring high-density thermal management. Deployed within marine electronics, heavy-duty CNC machine control cabinets, and automated car wash control systems where exposure to moisture and particulate matter is constant.

Supplemental Images

