

4214 ebmpapst 24V 154mA 3.7W DC axial fan

SKU: 4214

Price: \$37.01

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/4214-ebmpapst-24v-154ma-3-7w-dc-axial-fan/>

Product Description

The ebmpapst 4214 is a high-quality DC axial fan, featuring compact dimensions of 119mm x 119mm x 38mm. This fan is engineered for efficient and reliable cooling in a wide range of electronic and industrial applications requiring a 24 VDC power supply. It provides a robust airflow of approximately 97.1 CFM (165 m³/h) with a nominal speed of 3050 RPM, while maintaining a relatively low noise level of 45 dB(A). The fan consumes 3.7W of power and draws 0.154A of current, operating within a voltage range of 12 VDC to 28 VDC. Constructed with a fiberglass-reinforced plastic housing and impeller, and equipped with ball bearings, the 4214 model ensures a long operational lifespan and stable performance. It also includes integrated protection against reverse polarity and locking, enhancing its durability and safety.

4214 Fan Parameters

Model: 4214

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 119mm x 119mm x 38mm

Rated Voltage: 24 VDC

Operating Voltage Range: 12 VDC - 28 VDC

Rated Current: 0.154A

Power Consumption: 3.7 W

Speed: 3050 RPM

Airflow: 97.1 CFM (165 m³/h)

Static Pressure: 0.064 inch H₂O (16.1 Pa)

Noise Level: 45 dB(A)

Bearing Type: Ball Bearing

Housing Material: Fiberglass-reinforced PBT plastic

Impeller Material: Fiberglass-reinforced PA plastic

Termination: 2-Wire Leads

Operating Temperature: -20°C to +75°C

Life Expectancy: 62,500 hours (L10 at 40°C)

Weight: 290 g

Features: Electronically commutated external rotor motor, Integrated commutation electronics, Protected against reverse polarity, Protected against locking and overload.

Application: Electronic equipment, control cabinets, telecommunications, medical devices, automation systems, general cooling in DC-powered systems.

Product Images









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