

3414N/39HH ebmpapst 24V DC Axial Fan

SKU: 3414N/39HH

Price: \$59.21

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/3414n-39hh-ebmpapst-24v-dc-axial-fan/>

Product Description

The ebmpapst 3414N/39HH is a DC Axial Fan measuring 92x92x25.4mm. It operates on 24VDC (18.0V to 26.0VDC), consuming 1.7W power and drawing 95mA current at 2500RPM. It delivers 100m³/h airflow with 57Pa max static pressure and 38.0dB(A) noise. Featuring a ball bearing system and 3 wire leads (with alarm output), it includes reversed polarity and auto-restart locked rotor protection. Constructed with plastic housing and impeller, it weighs 0.106kg and operates from -20 to 70°C. Approved by CE, EAC, UL, VDE, and CSA, it is suitable for sheltered environments with controlled temperature and humidity.

3414N/39HH Fan Parameters

Model: 3414N/39HH

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 92 x 92 x 25.4 mm

Housing Material: Plastic

Impeller Material: Plastic

Rotating Direction: Counterclockwise, looking at rotor

Airflow Direction: Air outlet over struts

Bearing System: Ball bearing

Mounting Position: Any

Nominal Voltage: 24.0 V DC

Voltage Range: 18.0 V - 26.0 V DC

Current Consumption: 95 mA

Power Consumption: 1.7 W

Speed: 2500 RPM

Max. Free-air Flow: 100.0 m³/h

Max. Static Pressure: 57 Pa

Optimal Operating Point: 68.0 m³/h @ 18 Pa

Sound Power Level (at optimal operating point): 5.1 bel(A)

Noise (Sound pressure level at free air flow): 38.0 dB(A)

Electrical Connection: Wires

Wire 1 (Color/Operation): red / +UB

Wire 2 (Color/Operation): blue / - GND

Wire 3 (Color/Operation): white / Alarm

Lead Wire Length: 310 mm

Wire Size (AWG): 24

Insulation Diameter: 1.55 mm

Alarm Operating Voltage: ≤ 28 V Alarm Signal Low: ≤ 0.5 V (I sink: 2 mA) Alarm Signal

High: 28 V (I source: 0 mA) Maximum Sink Current: 10 MOhm

Clearance / Creepage Distance: 1.0 mm / 1.2 mm

Approvals: CE, EAC, UL (UL507), VDE (EN 60950), CSA (C22.2 No. 113)

Life Expectancy L10 at TU=40°C: 70,000 h

Life Expectancy L10 at TU max.: 35,000 h

Life Expectancy L10 acc. to IPC 9591 at TU=40°C: 117,500 h

Weight: 0.106 kg

Application: Electronics cooling, IT equipment, industrial control systems in controlled environments.

Product Images







► 配件 Accessories



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