4414FN/39H ebmpapst DC Axial Fan 24V Tubeaxial

SKU: 4414FN/39H

Price: $69.30

Categories: Fans

Tags: ebmpapst

Product Link:
https://www.elecspares.com/product/4414fn-39h-ebmpapst-dc-axial-fan-24v-tubeaxial/

Product Description

The ebmpapst 4414FN/39H is a high-performance DC Axial Fan from the 4400 Series, engineered for efficient heat dissipation in tight spaces. The fan's precise measuring dimensions are 119 x 119 x 25.4 mm, and it has a mass of 0.245 kg. Operating at a nominal voltage of 24 VDC (with an operating range of 18 to 26.4 VDC), this model is built for continuous operation (S1). It achieves a high nominal speed of 5400 RPM, producing a maximum airflow of 225 m3/h while maintaining a noise level of 55 dB(A). Constructed with fiberglass-reinforced PBT plastic housing and PA plastic impeller, the fan utilizes durable Ball bearings and includes safety features such as reverse polarity and blocked rotor protection. Its 3-wire termination includes an Alarm signal for system monitoring, ensuring reliable thermal management in demanding electronic enclosures and network infrastructure.

4414FN/39H Fan Parameters
Manufacturer: ebmpapst
Model: 4414FN/39H
Type: Axial Fan (Tubeaxial)
Nominal Voltage: 24 VDC
Voltage Range: 18 to 26.4 VDC
Speed: 5400 RPM
Air Flow: 225 m^3/h
Static Pressure: 210 Pa
Power Consumption: 12 W
Current Draw (Nominal): 500 mA
Current Draw (Max): 520 mA
Noise: 55 dB(A)

Sound Power Level: 6.7 B
Measuring Dimensions: 119 x 119 x 25.4 mm
Mass: 0.245 kg
Bearing Type: Ball bearing
Housing Material: Fiberglass-reinforced PBT plastic
Impeller Material: Fiberglass-reinforced PA plastic
Airflow Direction: Exhaust over struts
Direction of Rotation: Counter-clockwise, viewed toward rotor
Motor Protection: Protection against reverse polarity and blocked rotor
Termination: 3-Wire Leads, with Alarm signal
Min Ambient Temperature: -20 °C
Max Ambient Temperature: 70 °C
Service Life L10 at 40 °C: 60000 h
Approval: UL, VDE, CSA, EAC

Application
The 4414FN/39H model is primarily used for high-efficiency spot and general cooling of electronic components within space-constrained environments such as server racks, network routers, power supplies, telecommunication systems, and various industrial control units.

Product Images


9694390185
VWCD119FJJMS 4414FN/3BH
24V ⎓ DC 0.5A 12W
(18V - 26.4V ⎓ DC)
ebmpapst
VP1
EP
Hungary (V)
02.25


9694390185
VWCD119FJJMS 4414FN/39H
24V ⎓ DC 0.5A 12W
(18V - 26.4V ⎓ DC)
+UB:RD -GND:BU
ALARM: WH
VP1
EP
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