

624H ebmpapst 24V 0.08A 60x60x25mm DC Axial Fan

SKU: 624H

Price: \$44.57

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/624h-ebmpapst-24v-0-08a-60x60x25mm-dc-axial-fan/>

Product Description

The ebmpapst 624H (WWCD060AJEFS/9292207009) is an ultra-high-speed 24 V DC Axial Fan with dimensions of 60 x 60 x 25 mm, specifically engineered for critical thermal management in Siemens drive systems and compact industrial control units. Driven by an electronically commutated external rotor motor with integrated auto-restart locked-rotor protection and reverse polarity protection, this unit provides a precise Max. Power Consumption of 1.9 W and a Max. Current Draw of 0.08 A at 24 V DC. Operating at an elevated rated speed of 6850 RPM, it delivers optimized airflow to ensure efficient heat extraction in high-density electronic environments. Constructed with a glass-fiber reinforced PBT plastic housing and a 3-blade impeller featuring precision ball bearings, this 66 g unit ensures maximum cooling efficiency and long-term mechanical stability for integrated industrial switchgear systems at the end.

624H Fan Parameters

Model Number: 624H

New Type: WWCD060AJEFS

Part Number: 9292207009

Manufacturer: ebmpapst

Type: DC Axial Fan

Dimensions: 60.0 x 60.0 x 25.0 mm

Weight: 66 g

Bearing Type: Ball bearing

Nominal Voltage: 24 V DC

Voltage Range: 18.0 - 28.0 V DC

Max. Power Consumption: 1.9 W

Max. Current Draw: 0.08 A (80 mA)

Starting Current: 580 mA
Rated Speed: 6850 RPM
Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)
Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)
Working Air Flow: 40.0 m³/h (23.5 CFM)
Static Pressure Increase: 90 Pa (0.36 inH₂O)
Motor Protection: Auto-restart locked rotor and reverse polarity protection
Insulation Class: Class E
Electrical Hookup: 2 lead wires (Red: +UB, Blue: GND)
Wire Length: 310 mm (22 AWG)
Number of Blades: 5
Direction of Rotation: Clockwise (viewed toward rotor)
Airflow Direction: Exhaust over struts
Housing Material: Glass-fiber reinforced PBT plastic
Impeller Material: Glass-fiber reinforced PA plastic
Operation Mode: S1 (Continuous operation)
Sound Power Level: 5.3 bel(A)
Sound Pressure Level: 41.0 dB(A)
Service Life (L10): 70,000 h (at 40 °C) / 35,000 h (at 70 °C)
Operating Temperature: -20 - +70 °C
Storage Temperature: -40 - +85 °C
Standard Compliance: DIN EN 60335-1; CE; EAC
Approval Agency: VDE; CSA; UL; CCC

Application

The ebmpapst 624H DC fan is the primary cooling component for industrial frequency converters, power supply modules, and compact electronic enclosures requiring high-velocity heat dissipation.

Product Images







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