

W3G910-LU25-03/F01 ebmpapst 400V EC axial fan

SKU: W3G910-LU25-03/F01

Price: \$2,146.31

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w3g910-lu25-03-f01-ebmpapst-400v-ec-axial-fan/>

Product Description

The ebmpapst W3G910-LU25-03/F01 is an EC Axial Fan measuring 910mm in diameter. It operates on 380/480 VAC 3-phase at 50/60 Hz. This fan consumes 2550 W of input power, drawing 3.9 A of current, achieving a speed of 980 RPM and providing an airflow of 20775 m³/h. It features a robust ball bearing system for durability and has an IP54 ingress protection rating. The fan is constructed with an aluminum sheet insert impeller sprayed with PP plastic, and a steel guard grille coated in black plastic. It includes integrated PWM control and an internal thermal overload protector. This fan is suitable for various air conditioning and ventilation applications, including air handling units and large-scale air movement systems.

W3G910-LU25-03/F01 Fan Parameters

Model: W3G910-LU25-03/F01

Manufacturer: ebmpapst

Type: EC Axial Fan

Dimensions: 910 mm (blade diameter)

Rated Voltage: 400 VAC (3-phase)

Operating Voltage Range: 380 to 480 VAC

Frequency: 50/60 Hz

Rated Current: 3.9 A

Power Consumption: 2550 W

Speed: 980 RPM

Airflow: 20775 m³/h

Bearing Type: Ball Bearing

Termination: Terminal box

Protection Level: IP55

Insulation Class: "F"

Operating Temperature: -40 to 60°C (Occasional start-up at -40°C to -25°C permitted)

Storage Temperature: -40 to 80°C

Weight: 48 kg

Motor Size: 150

Number of Blades: 5

Blade Pitch: 0°

Airflow Direction: V

Direction of Rotation: Clockwise, viewed toward rotor

Frame Material: Sheet steel, galvanized and coated with black plastic (RAL 9005)

Impeller Material: PP plastic

Electronics Housing Material: Die-cast aluminum, painted gray

Guard Grille Material: Steel, coated with black plastic (RAL 9005)

Motor Protection: Reverse polarity and locked-rotor protection

Features: Operation and alarm display with LED, External 15-50 VDC input (parameterization), Alarm relay, Integrated PI controller, Configurable inputs/outputs (I/O), MODBUS V6.3, Motor current limitation, RS-485 MODBUS-RTU, Soft start, Voltage output 3.3-24 VDC, Pmax = 800 mW, Control interface with SELV potential.

EMC Immunity: According to EN 61000-6-2 (industrial environment)

EMC Emission: According to EN 61000-6-3 (household environment), except EN 61000-3-2 for professionally used equipment with a total rated power greater than 1 kW

Electrical Hookup: Terminal box

Application: Air conditioning units, heat pumps, chillers, condensers, commercial evaporators, process refrigeration systems, cooling towers, transformer stations, large ventilation systems.

Product Images







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