

FB063-SDK.4I.V4S ZIEHL-ABEGG 400V 630mm AC Axial Fan

SKU: FB063-SDK.4I.V4S

Price: \$553.12

Categories: Fans

Tags: Ziehl-Abegg

Product Link:

<https://www.electspares.com/product/fb063-sdk-4i-v4s-ziehl-abegg-400v-630mm-ac-axial-fan/>

Product Description

The ZIEHL-ABEGG FB063-SDK.4I.V4S is a high-performance 400VAC three-phase AC Axial Fan featuring 630 mm aerodynamic aluminum sheet blades and a high-torque external rotor motor, specifically engineered for mission-critical cooling in Industrial Frequency Converters and specialized AHU systems. Driven by a precision-balanced motor with maintenance-free ball bearings and moisture/hot climate protection, this 13.00 kg unit operates at 400 VAC across 50/60 Hz frequencies using a Delta/Star (D/Y) connection to provide multi-speed flexibility, delivering a Max. Power Consumption of 0.72 / 0.47 kW (50Hz) and 0.93 / 0.52 kW (60Hz). This High-performance unit features a 4-blade aluminum impeller achieving a Max. Air Flow of 11500.0 / 9200.0 m³/h (6768.4 / 5414.7 CFM / 191.67 / 153.33 m³/min) at 50Hz. Featuring a "Made in Germany" robust construction with integrated thermal contacts (TB) for motor protection and high-grade L-TI-0596 powder coating, this IP54-rated fan is optimized for environments requiring high reliability and industrial-grade corrosion resistance in VFD systems at the end.

FB063-SDK.4I.V4S Fan Parameters

Model Number: FB063-SDK.4I.V4S

Manufacturer: ZIEHL-ABEGG

Article Number: 101678

Type: Axial fan with sheet blades

Impeller Size: 630 mm

Weight: 13.00 kg

Origin: Made in Germany

Bearing Type: Ball bearing (Long-time lubrication)

Phase: 3~

Nominal Voltage: 400 VAC

Voltage Range: 360 - 440 VAC

Connection Type: Delta / Star (D/Y)

Frequency: 50 / 60 Hz

Max. Current Draw: 1.40 / 0.79 A (50Hz) // 1.55 / 0.90 A (60Hz)

Max. Power Consumption: 0.72 / 0.47 kW (50Hz) // 0.93 / 0.52 kW (60Hz)

Rated Speed: 870 / 650 RPM (50Hz) // 980 / 600 RPM (60Hz)

Power Factor (cos φ): 0.74 / 0.87

Max. Air Flow: 6768.4 / 5414.7 CFM (11500.0 / 9200.0 m³/h / 191.67 / 153.33 m³/min)

Max. Static Pressure: 11.22 / 6.12 mmH₂O (110.0 / 60.0 Pa / 0.44 / 0.24 inAq)

Working Air Flow: 11500.0 / 9200.0 m³/h

Static Pressure Increase: 110.0 / 60.0 Pa

Motor Protection: Thermal contact (TB) integrated

Insulation Class: Thermal class 155 (Class F / THCL 155)

Degree of Protection: IP54

Number of Blades: 4

Direction of Rotation: Clockwise (viewed toward rotor)

Impeller Material: Aluminium

Ambient Temperature (Max.): 55 / 30 °C

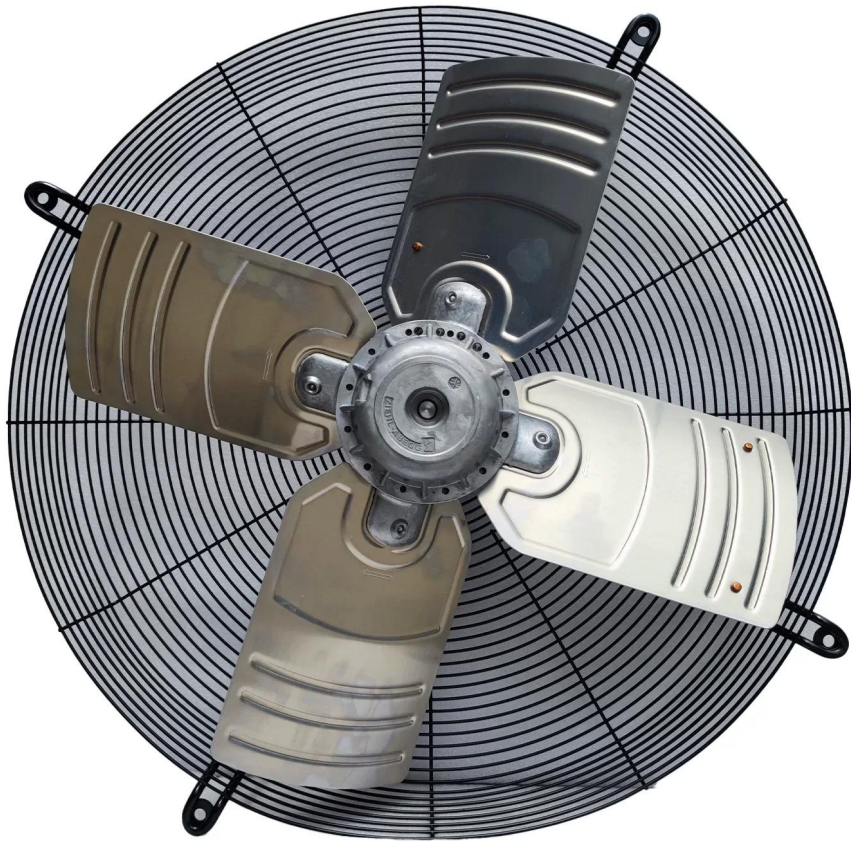
Min. Operating Temperature: -40 °C

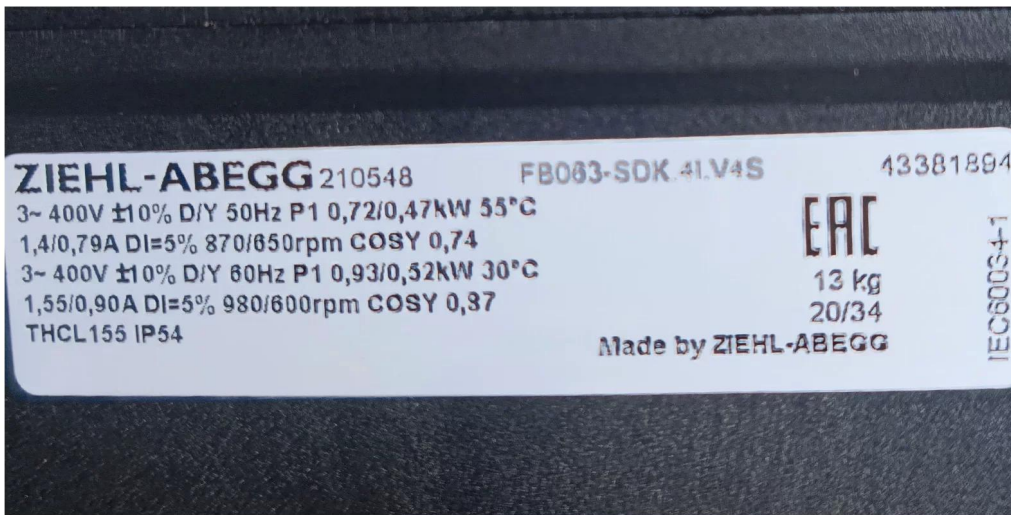
Standard Compliance: CE; ErP 2013 (η_{statA} : 28.7%)

Application

The ZIEHL-ABEGG FB063-SDK.4I.V4S axial fan is the primary cooling component for industrial frequency converters, air-cooled condensers, and ventilation modules requiring dual-frequency flexibility and multi-speed operation in 400V three-phase environments.

Product Images





Scan for product details:

