

# QK10A-2DM.48.FK ZIEHL-ABEGG 230/400VAC AC Cross-flow Fan

**SKU:** QK10A-2DM.48.FK

**Price:** \$1,638.76

**Categories:** Fans

**Tags:** Ziehl-Abegg

**Product Link:**

<https://www.electspares.com/product/qk10a-2dm-48-fk-ziehl-abegg-230-400vac-ac-cross-flow-fan/>

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## Product Description

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The ZIEHL-ABEGG QK10A-2DM.48.FK is a high-performance 230/400VAC three-phase AC Cross-flow Fan featuring a 100 mm diameter tangential impeller, specifically engineered for uniform linear cooling in Industrial Frequency Converters and high-density electronic enclosures. Driven by a high-torque 2-pole external rotor motor with precision ball bearings, this 8.5 kg unit operates within a 230/400 VAC range across 50/60 Hz frequencies using a Delta/Star (D/Y) connection, delivering a Max. Power Consumption of 0.67 / 0.86 kW and a Max. Current Draw of 2.13/1.23 / 2.77/1.60 A at a rated speed of 2730 / 3000 RPM. This High-performance unit features a specialized aerodynamic 480 mm wide tangential impeller achieving a Max. Air Flow of 1150.0 / 1280.0 m<sup>3</sup>/h (676.8 / 753.4 CFM / 19.17 / 21.33 m<sup>3</sup>/min) and a Max. Static Pressure of 18.35 / 22.43 mmH<sub>2</sub>O (180.0 / 220.0 Pa / 0.72 / 0.88 inAq). Featuring a "Made in Germany" robust construction with integrated thermal contacts (TB) for motor protection, this IP10-rated fan is optimized for environments requiring uniform airflow distribution and high reliability in industrial VFD systems at the end.

QK10A-2DM.48.FK Fan Parameters

Model Number: QK10A-2DM.48.FK

Manufacturer: ZIEHL-ABEGG

Type: AC Cross-flow Fan (Tangential Fan)

Impeller Diameter: 100 mm

Impeller Width: 480 mm

Weight: 8.5 kg

Origin: Made in Germany

Bearing Type: Ball bearing

Nominal Voltage: 230 / 400 VAC (3~)

Voltage Range: 230 / 400 VAC ( $\pm 10\%$ )

Connection Type: Delta / Star (D/Y)

Frequency: 50 / 60 Hz

Max. Current Draw: 2.13/1.23 / 2.77/1.60 A

Max. Power Consumption: 0.67 / 0.86 kW

Rated Speed: 2730 / 3000 RPM

Max. Air Flow: 676.8 / 753.4 CFM (1150.0 / 1280.0 m<sup>3</sup>/h / 19.17 / 21.33 m<sup>3</sup>/min)

Max. Static Pressure: 18.35 / 22.43 mmH<sub>2</sub>O (180.0 / 220.0 Pa / 0.72 / 0.88 inAq)

Working Air Flow: 1150.0 / 1280.0 m<sup>3</sup>/h

Static Pressure Increase: 180.0 / 220.0 Pa

Motor Protection: Thermal contact (TB) integrated

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

Degree of Protection: IP10

Impeller Material: Aluminium

Housing Material: Sheet aluminium / Galvanized steel

Ambient Temperature (Max.): 40 °C

Min. Operating Temperature: -20 °C

Balancing Quality: G6.3

Electrical Hookup: Lead wires (Terminal box or axial)

Standard Compliance: CE; UL; EAC

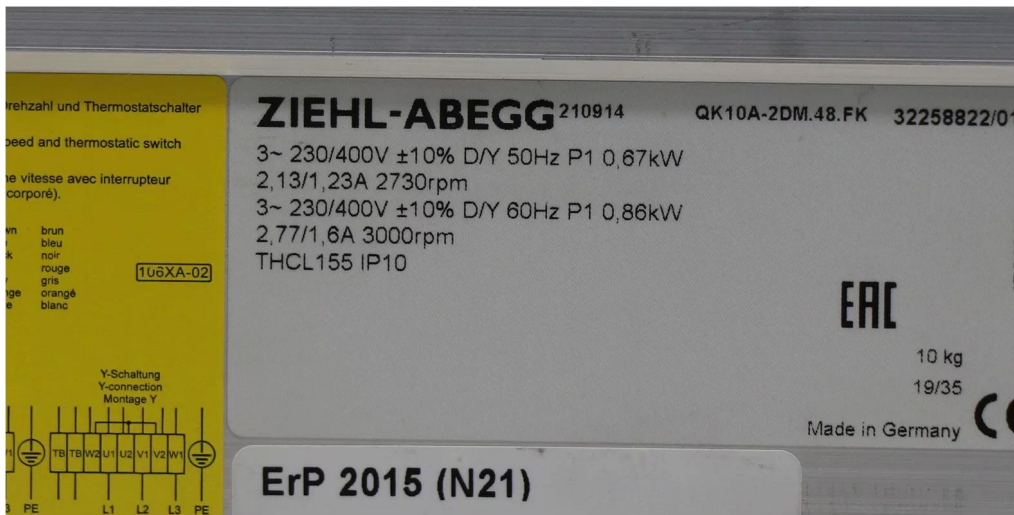
#### Application

The ZIEHL-ABEGG QK10A-2DM.48.FK cross-flow fan is the primary cooling component for industrial frequency converters, air curtains, and climate control units requiring uniform linear airflow and space-saving installation in 230V-400V three-phase environments.

## Product Images

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Scan for product details:

