

Lenze EVF9323-ES Manual

Brand	Lenze
Product Series	Lenze
Product Type	LED display

Description

The EVF9323-ES from Lenze is a vector frequency inverter designed for various control applications. With a power rating of 0.75 kilowatt and suitable for 1 horsepower, it operates efficiently under a 480 volts AC power supply.

Technical specifications for EVF9323-ES

Manufacturer Lenze

Product Line Series 9300

Part Number EVF9323-ES

Mounting Method Panel mount

Display Type LED display

Ambient Operating Temperature -10 to 60°C

Input Frequency 50 to 60 Hertz

Power Rating 0.75 kilowatt

Power Supply Voltage 480 Volts AC

Horsepower Capacity 1 horsepower

Output Frequency 0 to 480 Hertz

Power Loss 115 Watts

Current Rating 3.5 Amperes

Input Phase Type 3-phase input

Protection Class IP20

Overload Capacity 150% in 60 seconds

Storage Temperature -25 to 60°C

The Lenze EVF9323-ES is a top-tier vector frequency inverter that offers reliable performance across a variety of applications. Designed for panel mounting, this unit allows for seamless integration into existing systems. It features an intuitive LED display for monitoring status.

Operating within ambient temperatures of -10 to 60 degrees Celsius, the EVF9323-ES is adaptable for various environments. It requires an input frequency of 50 to 60 Hertz to operate efficiently. With a power supply voltage of 480 volts AC, the unit is rated at 0.75 kilowatts, corresponding to a horsepower capacity of 1.

The inverter can modulate output frequencies from 0 to 480 Hertz, enabling flexible motor control options. With a current rating of 3.5 Amperes, it delivers substantial electrical performance while managing a power loss of 115 watts. The input phase type is configured for a 3-phase input, ensuring robust electrical characteristics.

In terms of robustness, the EVF9323-ES has an overload capacity of 150% for short durations of 60 seconds, providing added reliability during sudden load increases. Also, it meets IP20 standards for protection, safeguarding it from dust and minor contact with objects. The storage temperature ranges from -25 to 60 degrees Celsius, permitting a wide operating window between active use and storage conditions.

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