

Lenze Lenze Series Service Manual

EVS9321-ETV907

1. Description

The Lenze EVS9321-ETV907 is a servo controller designed for robust performance. It accommodates input frequencies from 50 to 60 Hertz and operates within an input voltage range of 400 to 480 Volts AC.

2. Specifications

Specification	Value
Manufacturer	Lenze
Product	Type Servo controller
Product	Line Series 9300
Part	Number EVS9321-ETV907
Rated	Current 1.5 Amperes
Rated	Supply Voltage 400 to 480 Volts AC
Input	Frequency 50 to 60 Hertz
Input	Phase Type 3-phase input
Rated	Active Power 0.37 kilowatt
Output	Voltage 0 to 480 Volts AC
Horsepower	Rating 0.5 horsepower
Mounting	Method Panel mount
Ambient	Operating Temperature -10 to 60°C
Vibration	Resistance 9.81 meter per second squared (1G) on X, Y, and Z-axes
Protection	Class IP20
Display	Type LED display
Permissible	Voltage Fluctuation 320 to 528 Volts AC

3. Product Information

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Technical specifications for EVS9321-ETV907

Manufacturer Lenze

Product Type Servo controller

Product Line Series 9300

Part Number EVS9321-ETV907

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Rated Supply Voltage 400 to 480 Volts AC

Input Frequency 50 to 60 Hertz

Input Phase Type 3-phase input

Rated Active Power 0.37 kilowatt

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Mounting Method Panel mount

Ambient Operating Temperature -10 to 60°C

Vibration Resistance 9.81 meter per second squared (1G) on X, Y, and Z-axes

Protection Class IP20

Display Type LED display

Permissible Voltage Fluctuation 320 to 528 Volts AC

The Lenze EVS9321-ETV907 servo controller offers reliable control for various automation applications. This unit is engineered to handle a rated supply voltage of 400 to 480 Volts AC, ensuring versatility across different systems. It supports input frequencies between 50 to 60 Hertz. The rated current stands at 1.5 Amperes, enabling efficient operation for connected devices.

With a rated active power of 0.37 kilowatt, this model can deliver up to 0.5 horsepower effectively, making it suitable for moderate power requirements. It features a 3-phase input for streamlined integration into existing setups. The output voltage can be adjusted from 0 to 480 Volts AC, providing flexibility depending on application needs.

Designed for panel mounting, the unit has a robust build with an IP20 protection class, which makes it suitable for less demanding environments. The LED display offers clear operational feedback for user convenience.

In challenging conditions, the EVS9321-ETV907 is capable of withstanding vibrations up to 9.81 meters per second squared (1G) across the X, Y, and Z axes, providing durability in real-world applications. This controller is operational in ambient temperatures ranging from -10 to 60°C. The permissible voltage fluctuation is specified at 320 to 528 Volts AC, ensuring stable performance across varying line conditions. With a weight of 8.6 pounds (3.9 kilograms), this servo controller is robust yet manageable for installation and maintenance.