

## LENZE SMD ESMD552L4TXA 5.5KW AC380V

### Our Product Introduction

#### Basic Information

- Place of Origin: Germany
- Brand Name: LENZE
- Certification: CE
- Model Number: ESMD552L4TXA
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 15,10 x 15,40 x 4,60
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100



#### Product Specification

- Input Voltage: 3 X 380-480 V
- Control Method: Vector Control
- Weight: 2.5 Kg
- Operating Temperature: 0-40°C
- Protection Class: IP20
- Power Rating: 2.2 KW
- Cooling Method: Fan Cooling
- Communication Interface: CANopen
- Dimensions: 200 X 150 X 200 Mm
- Frequency Range: 0-650 Hz
- Certifications: CE, UL, CUL, RoHS
- Output Voltage: 3 X 0-480 V

## Product Description

### LENZE SMD ESMD552L4TXA 5.5KW AC380V

The Lenze SMD ESMD552L4TXA is a 5.5 kW AC380V servo motor drive. Here's some information about this product:

1. Manufacturer: Lenze
  2. Model: SMD ESMD552L4TXA
  3. Power Rating: The servo motor drive has a power rating of 5.5 kW, indicating its capacity to deliver 5.5 kilowatts of power to the connected motor.
  4. Voltage: The AC380V specification indicates that the drive operates with an input voltage of 380 volts AC. It is important to ensure that the input voltage matches the available power supply in your specific application.
  5. Application: The servo motor drive is typically used in industrial automation and motion control systems to precisely control the speed, position, and torque of a servo motor.
  6. Control Interface: The specific control interface details are not provided in the given information. It's recommended to refer to the product documentation or datasheet for information about the supported control interfaces, communication protocols, and programming options.
  7. Features: The Lenze SMD ESMD552L4TXA servo motor drive may include various features such as built-in protection mechanisms, advanced control algorithms, and diagnostic capabilities. The exact features of this model can be found in the product documentation or datasheet.
- For detailed specifications, installation guidelines, and compatibility information specific to the Lenze SMD ESMD552L4TXA servo motor drive, it is recommended to consult the official documentation provided by Lenze or contact their technical support. They will be able to provide you with accurate and up-to-date information based on your specific requirements and the latest product information available.

### Product description

#### The Lenze SMD AC Drive Frequency Inverter

The Lenze SMD AC drive Three Phase 400v 5.5kW ESMD552L4TXA provides advanced technology and high quality, at a reasonable price, and features everything you would expect from a modern AC inverter suitable for universal use.

Power: 5.5kW

Amps: 11.6

Supply: Three Phase 400v

Model: Lenze ESMD552L4TXA

Filter: Required as separate Unit

Performance: Basic

Dimensions: 146 x 114 x 171

Weight:

Torque: Constant Torque General Purpose

The Lenze SMD AC drive frequency inverter has three easy to use on-board functions and small number of parameters makes commissioning the Lenze SMD AC drive very easy. The parameter setting on the Lenze SMD AC drive can be saved on a unique EPM (Electronic Programmable Module) chip. The EPM is a plug-in memory chip which has been specifically designed for the Lenze SMD AC drive. With the EPM, drive data only needs to be configured once and can then be transferred to other SMD frequency inverters in the range. The programmer can save up to 30 different drive programs as files. Copying data from EPM to EPM, file to EPM or rewriting the EPM to a file takes just two seconds at the touch of a button.

#### The Lenze SMD AC Drive Three Phase 400v 5.5kW ESMD552L4TXA functions and number of control terminals corresponds to the familiar Lenze standard :

Start / stop functions

Analog set-point selection with voltage or current

Freely programmable inputs

Freely programmable relay output

The Lenze SMD AC Drive frequency inverter features current limitation with frequency reduction for stable operation, a highly visible LED display and the option of low-noise operation by means of an adjustable switching frequency up to 10kHz.

Power - 0.25kW

Voltage - (230V, 1Ph, 180-264V, 48-62Hz)

Climatic Condition - Class 3K3 to EN 50178

Temperature Range - Storage: -20°C to +70°C

Operation - 0°C to +55°C (with power de-rating of 2.5% per 1°C above 40°C)

Installation Height - 0 to 4000m AMSL (with power de-rating of 5% per 1000m above 1000m AMSL)

Ambient Humidity - <95% (no condensation)

Vibration Resistance - Acceleration stability up to 0.7g to EN 5178



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