

## LENZESMD ESMD183L4TXA 18.5KW AC380V

## Basic Information

- Place of Origin: Germany
- Brand Name: LENZE
- Certification: CE
- Model Number: ESMD183L4TXA
- Minimum Order Quantity: 1
- 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-phase, 380-480V
- Output Voltage: 3-phase, 380-480V
- Built-In Functions: PID Control, Brake Control, Flying Start
- Power Rating: 0.25-90kW
- Frequency Range: 0-650Hz
- Cooling Method: Forced Air Cooling
- Protection Level: IP20
- Certifications: CE, UL, CUL, RoHS
- Dimensions: Depends On Model
- Control Method: V/F Control, Vector Control
- Weight: Depends On Model
- Communication Interface: CANopen, Profibus, Ethernet

## Product Description

LENZESMD ESMD183L4TXA 18.5KW AC380V

### Product description

#### The Lenze SMD AC Drive Frequency Inverter

The Lenze SMD AC drive Three Phase 400v 18.5kW ESMD183L4TXA 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: 18.5kW

Amps: 36

Supply: Three Phase 400v

Model: Lenze ESMD183L4TXA

Filter: Required as separate Unit

Performance: Basic

Dimensions: 248 x 195 x 203

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 18.5kW ESMD183L4TXA 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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