

MH300 SERIES INVERTER DRIVE

MH300 Inverter Drive with PLC functionality

VFD11AMH21AFSAA

2.2 kW, 230V, 1PH, MH300 inverter, EMC filter + STO



- Integrated PLC functionality
- 0.2kW to 75kW power
- Expandable I/O
- Built in STO (SIL2/PL d)
- USB port for ease of access

PRODUCT DESCRIPTION

Delta Electronics MH300 Series

The Delta MH300 series is a high performance compact AC drive designed for demanding machine applications requiring precise control, high torque and flexible integration. Offering advanced sensorless vector control in a space-saving format, the MH300 delivers excellent performance with reduced panel footprint.

With support for both induction and permanent magnet motors, integrated safety and extensive communication options, the MH300 provides a scalable solution for OEM machine builders and system integrators.

Key Features

High performance vector control for IM & PM motors

Compact design with side-by-side mounting

High torque at low speed with fast dynamic response

Built-in PLC functionality

Integrated Safe Torque Off (STO) SIL2 / PL d

Wide communication options (Modbus, CANopen, Ethernet-based protocols)

Flexible expansion with I/O and option cards

USB interface for quick parameter setup

Built-in Modbus and CANopen interface; optional communication card, including EtherNet/IP, Modbus TCP, EtherCAT, DeviceNet, PROFIBUS DP, and PROFINET

Typical Applications

Winding / unwinding machinery

Printing and converting machines

Machine tools

Woodworking equipment

Textile machinery