

MS300 SERIES INVERTER DRIVE

MS300 Series Inverter Drive

VFD11AMS21AFSAA

2.2 kW, 230V, 1PH, MS300 inverter, EMC filter + STO

- Ultra-compact design (-40%)
- 0.2–22 kW power range
- Built-in PLC
- Integrated STO safety
- IM & PM motor control



PRODUCT DESCRIPTION

Delta MS300 – Compact Vector Control Drive

The Delta MS300 is a compact AC drive designed for reliable motor control, reduced panel space, and simple integration in OEM machinery.

With a footprint up to 40% smaller than previous generations, the MS300 enables high-density installation while reducing wiring and commissioning time.

The MS300 offers a compact, cost-effective drive solution with built-in functionality, making it ideal for OEMs looking to standardise, simplify and save space without compromising performance.

Features & Benefits

Compact design

Reduced footprint for space-saving panel layouts

Flexible motor control

Supports both induction (IM) and permanent magnet (PM) motors

High performance vector control

Stable operation with strong torque performance

Integrated PLC functionality

Onboard programming (2K steps) reduces external components

Safe Torque Off (STO)

Built-in safety (SIL2 / PLd) as standard

Wide communication options

Modbus RTU as standard with multiple fieldbus options available

Fast installation & setup

USB programming and simplified wiring reduce commissioning time

Built-in braking capability

Integrated brake chopper improves system control

Typical Applications

Packaging machinery

Machine tools

Pumps and fans

Woodworking and textile machinery

General automation