

ME300 SERIES INVERTER DRIVE

Compact vector drive

VFD01ME11AFNAA

0.1 kW, 115V, 1PH, ME300 inverter, EMC filter only

- Compact footprint – up to 60% smaller than other drives
- High performance control – sensorless vector control
- One drive for many applications
- Flexible & easy integration – quick installation
- For motors 0.1kW to 7.5 kW



PRODUCT DESCRIPTION

Delta ME300 – Compact, High-Performance Motor Control

The Delta ME300 series is a compact and versatile AC drive range designed to deliver efficient, reliable motor control across a wide range of industrial applications. Covering motor power ratings from 0.1 to 7.5 kW, the ME300 provides a flexible solution for OEMs and machine builders requiring high performance in a small footprint.

Based on Delta's latest drive technology, the ME300 offers sensorless vector control for smooth speed regulation and high starting torque, ensuring stable operation even under varying load conditions. Support for both induction and permanent magnet motors enhances application flexibility, while built-in functions such as brake chopper and pump control reduce the need for additional components.

Its ultra-compact design allows space-saving panel layouts and side-by-side installation, making it ideal for modern machine design and retrofit projects where efficiency and ease of integration are key.

Key features

Power range: 0.1 – 7.5 kW

Compact, space-saving design

Sensorless vector control for improved performance

Supports IM and PM motors

Built-in brake chopper and application functions

Optional EMC filter and STO

Typical applications

Conveyors and material handling

Fans and pumps

Packaging machinery

General industrial automation