



Delta VFD1A5MS43ANSAA VFD-MS300 Series Drive

\$286.65

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ADD TO CART

- Series: MS-300
 - 3 Phase
 - 0.4 KW
 - IP 20
 - Heavy Duty Output: 1.5 A
- 460 V
 - 0.5 HP
 - 0 – 599 Hz
 - Optional EMC Filter
 - Normal Duty Output: 1.8 A

DESCRIPTION

PRODUCT SPECIFICATIONS

Model Name	VFD1A5MS43ANSAA
Series	MS-300 Series
Input Voltage – Phase	460 V – 3 Phase
Motor Power Range	0.5 HP – 0.4 KW
Frequency	0 – 599 Hz
Frame Size	A4
IP Level	IP 20
EMC Filter	Optional
Normal Duty* Amps	1.8 A
Heavy Duty** Amps :	1.5 A
Weight	1.8 Lbs
Dimensions	2.68 (in) x 5.04 (in) x 5.08 (in)

* Normal duty: rated current 120% for 60 seconds; 150% for 3 seconds
** Heavy duty: rated current 150% for 60 seconds; 200% for 3 seconds

FILES



Dimensions	Delta VFD1A5MS43ANSAA Dimensions
2D-CAD File	Delta VFD1A5MS43ANSAA 2D CAD
3D-CAD File	Delta VFD1A5MS43ANSAA 3D CAD
Energy Efficiency Report	Delta VFD1A5MS43ANSAA Energy Efficiency Report
UL Certification	Delta VFD1A5MS43ANSAA UL Certification

SOFTWARE



Register and download the DIA Studio to use DIA Designer to program and configure your drives. [Know More](#)

SERIES DESCRIPTION

The MS300 is Delta’s compact vector control drive line.

Optimized Space Utilization

Compact Design | Side-by-Side Installation

Communication Options

Built-in RS-485 (Modbus) and various communication card options: CANopen, PROFIBUS DP, DeviceNet, MODBUS TCP, EtherNet/IP, EtherCAT, PROFINET. Removable 5-digit LED keypad for remote operation

Outstanding Drive Performance

Supports IM and PM Motors | High Starting Torque | Enhanced Braking Capability | Fast Response to Load Impact | Deceleration Energy Backup (DEB)

Strong System Support

Multi-motor Control | Pulse Control | Built-in PLC | Tension Control | DC 24 V External Power | High Overload Capability | Built-in Brake Chopper | Closed-Loop Control

Wide Range of Applications

Rewinder Machines | Slitter Machines | Printing Machines | Drawing Machines | Coil Winding Machines | Machine Tools | Woodworking Machines | Textile Machines

Hardware Design

Compact design and user-friendly interface

Removable Keypad

Press to remove; supports remote operation away from drive



5 digits 7 segments LED display, frequency knob, Up and Left/Down function keys

Removable RFI Jumper

Applicable for different application needs



Built-in USB Port

Easy and fast programming setting, update and real-time monitoring and tuning



Screwless Top Cover Design

Press on both side tabs to remove the cover



Removable Fan

Easy to replace and maintain for a longer lifetime



Option Cards

A wide selection of option cards for highly flexible applications



External Power Supply Card (DC 24V)

EMM-BPS02



Communication Cards

PROFIBUS DP
CMM-PD02



DeviceNet
CMM-DN02



EtherNet/IP & Modbus TCP
CMM-EIP02



EtherNet/IP & Modbus TCP
CMM-EIP03



CANopen
CMM-COP02



EtherCAT
CMM-EC02



Built-in 1 Option Slot

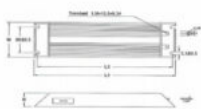




Got a Question? We're Here To Help

Answer To Common Questions: [See Our Tech Support / FAQ](#)
 For Manuals, Catalogs & Documentation: [See Files Section](#)
 Need More Help? [Contact Us](#)

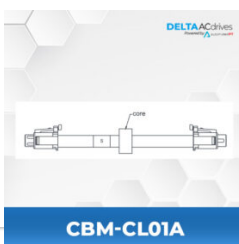
Compatible Accessories



Delta BR080W750 Braking Resistor \$22.50

- Braking Resistor
- For 80 Watts VFD's
- 750 Ohm Resistance
- Compatible With C2000, MS300, CP2000 Series

ADD TO CART



Delta CBM-CL01A Cable \$50.00

- MS/MH300 Communication Card Connection Cable
- CMM-xxx02 Frames A and B

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Delta CMM-COP02 CANopen Option Card

- Compatible with Delta VFD MS-300
- 4 sets of RX/TX PDO
- Dual communication ports
- Complies with CiA 402 standard
- Supports Delta protocol, DMCNET

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Delta CMM-EC02 Ethernet Option Card

- Compatible with MS-300 Series
- EtherCAT Communication Card
- Check drive status & edit parameters
- Supports remote I/O function

REQUEST A QUOTE

Delta CMM-EIP03 EtherNet/IP Option Card

\$103.00

- Compatible with Delta VFD MS-300
- IP Filter, basic firewall function
- Supports DLR ring nodes
- Supports max. 32 words input and 32 words output of I/O connection
- User-defined parameter mapping

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Delta CMM-PD02 PROFIBUS DP Option Card

- Supports remote I/O function
- Supports PZD cyclic data exchange
- Network protocol: PROFIBUS DP
- Supports user diagnosis function
- Auto-detects baud rates; supports Max 12 Mbaud

REQUEST A QUOTE

Delta EG3010A VFD Accessories

\$24.30

- 3 Meter Serial Keypad Extension Cable
- Compatible with MS-300, MH-300, ME-300, VFD-EL VFD-B, VFD-M, VFD-F, VFD-E Series drives

ADD TO CART

Delta emf6a0m43a EMC Filter

\$102.60

- EMC Filter
- 460 Volts Input
- 6 Amps
- 3 Phase



Delta EMM-BPS02 24V Power Shift Card

- Compatible with MS-300 Series
- Input power: 24V $\pm$ 5%

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- 24V Power Shift Card
- Maximum input current: 0.5A

Delta KPMS-LE01 Keypad Panel Mounting:

- Replacement Keypad for MS300 Drives
- Designed for non-PLC installations
- Commonly used in manual brew house control panels and portable pumps with Delta's MS300 series speed controllers
- No programming required
- Easily swapped out with a small Phillips screwdriver

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LOOKING FOR SOMETHING? | SEARCH VIA PART NUMBER

Part Search



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