

DELTA · MS300 SERIES VFD (1-PHASE INPUT) · DATASHEET

Delta VFD2A8MS21ANSAA 0.4kW 0.5HP Single Phase to Three Phase Variable Frequency Drive

Model VFD2A8MS21ANSAA · Variable Frequency Drive (VFD)



230V 1-Phase input, 0.4KW/0.5HP, 3-Phase output, detachable display. MS300 advanced drive.

Key features

- Rated motor output 0.4 kW / 0.5 HP
- 230V single phase, three-phase output to the motor
- Series highlights: vector control, STO

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 89610 89611 or WhatsApp +91 89610 89611.

Specifications

Input & Output

Input Supply	1-Phase 200-240 V AC, 50/60 Hz
Output (Motor Side)	3-Phase 0-240 V AC
Rated Motor Power	0.4 kW (0.5 HP)
Rated Output Current (Heavy Duty)	2.8 A
Rated Output Current (Normal Duty)	3.2 A

Control & Performance

Control Method	V/f, SVC; supports IM and PM motors
Output Frequency Range	0 - 599 Hz
Overload Capacity	Heavy Duty: 150% for 60 s, 200% for 3 s · Normal Duty: 120% for 60 s, 150% for 3 s

Features & Protection

Built-in EMC Filter	Optional / external (not built-in on this model)
Safe Torque Off (STO)	Yes - built-in Safe Torque Off (SIL2 / PLd)
Braking	Built-in brake chopper
Communication	RS-485 Modbus RTU (built-in) + USB; optional CANopen, PROFIBUS, EtherCAT, EtherNet/IP
Display / Keypad	Removable 5-digit LED keypad
Enclosure / IP Rating	IP20 (IP40 optional)

Mechanical

Dimensions (W x H x D) 68 x 128 x 125 mm (Frame A)

Net Weight approx. 1.0 kg

Typical applications

- Small exhaust and ventilation fans
- Benchtop and DIY machinery
- Small monoblock and circulation pumps
- Dosing and metering pumps
- Laboratory and test rigs
- Small mixers and stirrers
- Conveyor turntables and feeders
- Display and demo equipment

Order or ask for a quotation

Industrial Supply Syndicate supplies the Delta VFD2A8MS21ANSAA across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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