

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

# Delta VFD4A8MS21ANSAA 0.75kW 1HP Single Phase to Three Phase Variable Frequency Drive

Model VFD4A8MS21ANSAA · Variable Frequency Drive (VFD)



230V 1-Phase input, 0.75KW/1HP, 3-Phase output, detachable display. MS300 advanced drive.

### Key features

- Rated motor output 0.75 kW / 1 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                  | 0.75 kW (1 HP)                 |
| Rated Output Current (Heavy Duty)  | 4.8 A                          |
| Rated Output Current (Normal Duty) | 5 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)** 72 x 142 x 143 mm (Frame B)

**Net Weight** approx. 1.2 kg

## Typical applications

- Centrifugal and monoblock pumps
- Ventilation fans and blowers
- Short belt and roller conveyors
- Mixers and agitators
- Small lathes and drilling machines
- Packaging and labelling machines
- Textile and spinning machines
- Wood-working machines

## Order or ask for a quotation

Industrial Supply Syndicate supplies the Delta VFD4A8MS21ANSAA across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

**Phone** +91 89610 89611  
**WhatsApp** +91 89610 89611  
**Email** info@vfdindia.com  
**Online** vfdindia.com/product/vfd4a8ms21ansaa/  
**Address** 54, Ezra Street, Kolkata - 700001, West Bengal, India  
**GSTIN** 19ACDPC1843J1ZR



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