

DELTA · MS300 SERIES VFD (3-PHASE INPUT) · DATASHEET

# Delta VFD13AMS43ANSAA 5.5kW 7.5HP Three Phase Variable Frequency Drive

Model VFD13AMS43ANSAA · Variable Frequency Drive (VFD)



460V 3-Phase input, 5.5KW/7.5HP, detachable display. MS300 premium drive.

### Key features

- Rated motor output 5.5 kW / 7.5 HP
- 460V three 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                       | 3-Phase 380-480 V AC, 50/60 Hz |
| Output (Motor Side)                | 3-Phase 0-480 V AC             |
| Rated Motor Power                  | 5.5 kW (7.5 HP)                |
| Rated Output Current (Heavy Duty)  | 13 A                           |
| Rated Output Current (Normal Duty) | 15.7 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)** 109 x 207 x 154 mm (Frame D)

**Net Weight** approx. 1.9 kg

## Typical applications

- Centrifugal pumps and water-supply systems
- Industrial fans and blowers
- Air compressors
- Conveyors and material handling
- Mixers and agitators
- Crushers and grinders
- Cooling-tower fans
- Process pumps

## Order or ask for a quotation

Industrial Supply Syndicate supplies the Delta VFD13AMS43ANSAA 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/vfd13ams43ansaa/  
**Address** 54, Ezra Street, Kolkata - 700001, West Bengal, India  
**GSTIN** 19ACDPC1843J1ZR



Scan to WhatsApp us