

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

# Delta VFD022E21A E Series 2.2kW VFD

Model VFD022E21A · Variable Frequency Drive (VFD)



230V 1-Phase input, 2.2KW/3HP, 3-Phase output.

### Key features

- Rated motor output 2.2 kW / 3 HP

### 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

### Output

|                       |                 |
|-----------------------|-----------------|
| Series                | Delta VFD-E     |
| Applicable Motor      | 2.2 kW (3.0 HP) |
| Rated Output Capacity | 4.2 kVA         |
| Rated Output Current  | 11 A            |
| Output Frequency      | 0.1–599 Hz      |
| Carrier Frequency     | 1–15 kHz        |

### Input

|                               |                                  |
|-------------------------------|----------------------------------|
| Rated Input Voltage/Frequency | Single/3-phase 200–240V, 50/60Hz |
| Rated Input Current           | 24 A                             |
| Voltage Tolerance             | ±10%                             |

### Control

|                 |                                    |
|-----------------|------------------------------------|
| Control Method  | SPWM V/F or sensorless vector      |
| Starting Torque | 150% at 3.0 Hz                     |
| Overload        | 150% of rated current for 1 minute |
| Built-in PLC    | Yes                                |
| Communication   | MODBUS RS-485                      |

### General

|            |   |
|------------|---|
| Frame Size | B |
|------------|---|

## General (continued)

|                     |                                         |
|---------------------|-----------------------------------------|
| Enclosure           | IP20                                    |
| EMC Filter          | Built-in (230V 1-ph & 460V 3-ph models) |
| Ambient Temperature | -10 to +50°C (40°C side-by-side)        |
| Certifications      | CE, UL, cUL                             |

## 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 VFD022E21A 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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