

DELTA · C2000 PLUS SERIES VFD (3-PHASE INPUT) · DATASHEET

Delta VFD055C43A-21 C2000 Plus Series 5.5kW VFD

Model VFD055C43A-21 · Variable Frequency Drive (VFD)



460V 3-Phase input, 5.5KW/7.5HP, 3-Phase output.

Key features

- Rated motor output 5.5 kW / 7.5 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 C2000
Applicable Motor (Normal Duty)	5.5 kW (7.5 HP)
Rated Output Capacity (ND)	10 kVA
Rated Output Current (ND)	12 A
Max. Output Frequency	0.00–599 Hz (ND), 0.00–300 Hz (HD)
Input	
Rated Input Voltage/Frequency	3-phase 380–480V (-15%/+10%), 50/60Hz
Rated Input Current (ND)	17 A
Operating Voltage Range	323–528 VAC
Control	
Control Method	PWM; V/F, SVC, VF/FOC/TQC/PM (+PG & sensorless)
Starting Torque	150% at 0 Hz (FOC+PG)
Overload (Normal Duty)	120%/1 min, 160%/3 s
Overload (Heavy Duty)	150%/1 min, 180%/3 s
Built-in PLC	Yes (10K steps)
Motor Types	Induction & permanent-magnet (PM)
Safe Stop (STO)	Built-in
Communication	MODBUS RS-485; optional CANopen / fieldbus

General

Frame Size	A
Brake Chopper	Built-in brake chopper
DC Reactor	Optional DC reactor
Conformal Coating	Class 3C3 (IEC 60721-3-3)
Efficiency / Power Factor	≈97.8–98.2% / >0.98
Operating Temperature	-10 to +50°C
Certifications	CE, UL, cUL

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 VFD055C43A-21 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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