

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

Delta VFD550C43A-00 C2000 Plus Series 55kW VFD

Model VFD550C43A-00 · Variable Frequency Drive (VFD)



460V 3-Phase input, 55KW/75HP, 3-Phase output.

Key features

- Rated motor output 55 kW / 75 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)	55 kW (75 HP)
Rated Output Capacity (ND)	88 kVA
Rated Output Current (ND)	110 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)	114 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	D
Brake Chopper	Optional brake unit
DC Reactor	Built-in 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

- Large centrifugal and submersible pumps
- HVAC air-handling units and large blowers
- Screw and reciprocating air compressors
- Bulk material-handling conveyors
- Crushers, mills and grinders
- Cooling-tower and induced-draft fans
- Extruders and process lines
- Heavy mixers and agitators

Order or ask for a quotation

Industrial Supply Syndicate supplies the Delta VFD550C43A-00 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/vfd550c43a-00/
Address 54, Ezra Street, Kolkata - 700001, West Bengal, India
GSTIN 19ACDPC1843J1ZR



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