

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

Delta VFD4500C43A-00 C2000 Plus Series 450kW VFD

Model VFD4500C43A-00 · Variable Frequency Drive (VFD)



460V 3-Phase input, 450KW/600HP, 3-Phase output.

Key features

- Rated motor output 450 kW / 600 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)	450 kW (600 HP)
Rated Output Capacity (ND)	720 kVA
Rated Output Current (ND)	866 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)	866 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	H
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 industrial pumping stations
- Centrifugal compressors
- Steel mill auxiliary drives
- Mining conveyors and crushers
- Large HVAC chillers and cooling towers
- Paper and pulp mill machinery
- Cement and quarry equipment
- Marine auxiliary drives

Order or ask for a quotation

Industrial Supply Syndicate supplies the Delta VFD4500C43A-00 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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