

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

Delta VFD450C43S-00 C2000 Plus Series 45kW VFD

Model VFD450C43S-00 · Variable Frequency Drive (VFD)



460V 3-Phase input, 45KW/60HP, 3-Phase output.

Key features

- Rated motor output 45 kW / 60 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

Input & Output

Input Supply	3-Phase 380-480V AC, 50/60 Hz
Output (Motor Side)	3-Phase 0-480V AC
Rated Motor Power	45 kW (60 HP)
Rated Output Current (ND)	91 A (Normal Duty)
Rated Output Current (HD)	86 A (Heavy Duty)

Control & Performance

Control Method	V/f, SVC, FOC Sensorless, FOC+PG (with encoder option)
Output Frequency Range	0 – 599 Hz (Normal Duty)
Overload — Normal Duty	120% for 60s; 160% for 3s
Overload — Heavy Duty	150% for 60s; 180% for 3s

Features & Protection

Built-in PLC	Yes
Built-in PID	Yes (with sleep function)
Communication	RS-485 Modbus RTU (RJ45); optional fieldbus cards
Braking Chopper	Optional (Frame D and above)
DC Choke	Built-in (Frame D and above)
EMC Filter	Optional (VFD450C43A); Built-in (VFD450C43E)
Enclosure / IP Rating	IP55 (-S suffix variant)

Mechanical

Frame Size

Frame D1 (330 x 550 x 275 mm)

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 VFD450C43S-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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