

DELTA · EL SERIES VFD (3-PHASE INPUT) · DATASHEET

Delta VFD022EL43A 2.2kW 3HP Three Phase Variable Frequency Drive

Model VFD022EL43A · Variable Frequency Drive (VFD)



460V 3-Phase input, 2.2KW/3HP, 3-Phase output, inbuilt EMC filter, non-detachable display.

Key features

- Rated motor output 2.2 kW / 3 HP
- 460V three phase, three-phase output to the motor
- Series highlights: EMC filter

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

Electrical

DC Voltage	600.0mV to 1000V, 5 ranges; basic accuracy $\pm 0.3\%$ rdg ± 5 dgt
AC Voltage	6.000V to 1000V, 4 ranges (40Hz–1kHz); accuracy $\pm 0.9\%$ rdg ± 3 dgt (40–500Hz)
DC Current	60.00 μ A, 600.0 μ A, 6.000mA, 60.00mA, 4 ranges; basic accuracy $\pm 0.8\%$ rdg ± 5 dgt
Resistance	600.0 Ω to 60.00M Ω , 6 ranges; basic accuracy $\pm 0.7\%$ rdg ± 5 dgt
Temperature (K-type)	-40.0°C to 400.0°C; add temperature-probe accuracy to basic accuracy $\pm 0.5\%$ rdg $\pm 2^\circ$ C
AC Current with Clamp Probe	10.00A to 1000A, 7 ranges, via optional 9010-50/9018-50 (10–500A) or 9132-50 (20–1000A) clamp sensors and 9704 adapter; add clamp-probe accuracy to basic accuracy $\pm 0.9\%$ rdg ± 3 dgt (40Hz–1kHz)
4-20mA Measurement	Percentage display conversion for instrumentation loop signals

Mechanical

Display	6000-count display with backlight and bar graph
Power Supply	4 × LR03 alkaline batteries
Enclosure	Drop-proof
Dimensions (W x H x D)	100 x 174 x 136 mm
Net Weight	1.4 kg

Safety

Safety Rating	CAT IV 600V / CAT III 1000V
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Input & Output

Input Supply	3-Phase 380-480 V AC, 50/60 Hz
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Output (Motor Side)	3-Phase 0-480 V AC
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Rated Motor Power	2.2 kW (3 HP)
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Rated Output Current	5.5 A
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Control & Performance

Control Method	V/f (scalar), 3-point adjustable V/f curve
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Output Frequency Range	0.1 - 600 Hz
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Overload Capacity	150% of rated current for 60 seconds
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Features & Protection

Built-in EMC Filter	Yes - built-in EMI/EMC filter
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Braking	DC injection braking + dynamic braking (brake transistor built-in)
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Communication	RS-485 (RJ-45), Modbus RTU
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Display / Keypad	Built-in LED keypad (non-detachable)
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Enclosure / IP Rating	IP20
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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 VFD022EL43A 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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