

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

Delta VFD007EL43A 0.75kW 1HP Three Phase Variable Frequency Drive

Model VFD007EL43A · Variable Frequency Drive (VFD)



460V 3-Phase input, 0.75KW/1HP, 3-Phase output, inbuilt EMC filter, non-detachable display.

Key features

- Rated motor output 0.75 kW / 1 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 600.0V; accuracy $\pm 0.5\%$ rdg ± 5 dgt
AC Voltage	6.000V to 600.0V; accuracy $\pm 1.0\%$ rdg ± 3 dgt (40–500Hz)
Resistance	600.0 Ω to 60.00M Ω ; accuracy $\pm 0.9\%$ rdg ± 5 dgt (to 6M Ω), $\pm 1.5\%$ rdg ± 5 dgt (60M Ω)
Capacitance	1.000 μ F to 1.000mF; accuracy $\pm 1.9\%$ rdg ± 5 dgt
Continuity/Diode	Continuity ON $\leq$ approx. 25 Ω , OFF $\geq$ approx. 245 Ω ; diode test 1.500V range
Range Selection	Auto range with manual override

Mechanical

Display	6000 count, backlit
Weight	Approx. 190 g
Power Supply	1 $\times$ LR03 (AAA) alkaline battery
Dimensions (W x H x D)	72 x 174 x 136 mm
Net Weight	1.1 kg

Safety

Safety Rating	CAT IV 300V, CAT III 600V
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Input & Output

Input Supply	3-Phase 380–480 V AC, 50/60 Hz
Output (Motor Side)	3-Phase 0–480 V AC

Input & Output (continued)

Rated Motor Power 0.75 kW (1 HP)

Rated Output Current 2.5 A

Control & Performance

Control Method V/f (scalar), 3-point adjustable V/f curve

Output Frequency Range 0.1 - 600 Hz

Overload Capacity 150% of rated current for 60 seconds

Features & Protection

Built-in EMC Filter Yes - built-in EMI/EMC filter

Braking DC injection braking + dynamic braking (brake transistor built-in)

Communication RS-485 (RJ-45), Modbus RTU

Display / Keypad Built-in LED keypad (non-detachable)

Enclosure / IP Rating IP20

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 VFD007EL43A 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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