

DELTA · EL SERIES VFD (1-PHASE INPUT) · DATASHEET

Delta VFD015EL21A 1.5kW 2HP Single Phase to Three Phase Variable Frequency Drive

Model VFD015EL21A · Variable Frequency Drive (VFD)



230V 1-Phase input, 1.5KW/2HP, 3-Phase output, inbuilt EMC filter, non-detachable display.

Key features

- Rated motor output 1.5 kW / 2 HP
- 230V single 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

Input & Output

Input Supply	1-Phase 200-240 V AC, 50/60 Hz
Output (Motor Side)	3-Phase 0-240 V AC
Rated Motor Power	1.5 kW (2 HP)
Rated Output Current	7.5 A

Electrical

DC Voltage	420mV, 4.200V, 42.00V, 420.0V, 500V; accuracy $\pm 0.7\%$
AC Voltage	4.200V, 42.00V, 420.0V, 500V; accuracy $\pm 2.3\%$
Resistance	420 Ω , 4.200k Ω , 42.00k Ω , 420.0k Ω , 4.200M Ω , 42.00M Ω ; accuracy $\pm 2.0\%$
Continuity Check	Detection level 50 Ω $\pm$ 40 Ω or less

Mechanical

Form Factor	Credit-card size, 55 × 109 × 9.5 mm, 60 g
Test Leads	46 cm cord, folds neatly into the card body
Power Supply	1 × CR2032 coin battery
Dimensions (W x H x D)	100 x 174 x 136 mm
Net Weight	1.4 kg

Safety

Safety Rating	CAT III 300V / CAT II 600V
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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 VFD015EL21A 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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