

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

Delta VFD015EL21W-1 1.5kW 2HP Single Phase to Three Phase Variable Frequency Drive

Model VFD015EL21W-1 · Variable Frequency Drive (VFD)



230V 1-Phase input, 1.5KW/2HP, 3-Phase output, non-detachable display. No EMC filter.

Key features

- Rated motor output 1.5 kW / 2 HP
- 230V single phase, three-phase output to the motor
- Series highlights: EMC filter, SVC

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	60.000mV to 1000.0V, 6 ranges; accuracy $\pm 0.025\%$ rdg ± 2 dgt
AC Voltage	60.000mV to 1000.0V, 6 ranges, 20Hz–100kHz; accuracy $\pm 0.2\%$ rdg ± 25 dgt (45–65Hz, True RMS)
DC+AC Voltage	6.0000V to 1000.0V, 4 ranges, 20Hz–100kHz; accuracy $\pm 0.3\%$ rdg ± 30 dgt (45–65Hz), True RMS
DC Current	600.00 μ A to 10.000A, 6 ranges — direct 10A input (DT4282 only); accuracy $\pm 0.05\%$ rdg ± 5 dgt
AC Current	600.00 μ A to 10.000A, 6 ranges; accuracy $\pm 0.6\%$ rdg ± 5 dgt (45–65Hz, True RMS, 20Hz–20kHz); no clamp-probe mode — this model uses the slot for direct 10A input instead
Resistance	60.000 Ω to 600.0M Ω , 8 ranges; accuracy $\pm 0.03\%$ rdg ± 2 dgt
PEAK Capture	Captures transient spikes as short as 0.5ms
Memory	MAX/MIN/AVG recording, relative (REL) display
4–20mA Measurement	Current loop display with percent conversion for transmitter output verification

Mechanical

Display	60,000-count high-resolution display
Dimensions (W x H x D)	100 x 174 x 152 mm (nominal)
Net Weight	approx. 1.6 kg

Safety

Safety Rating	CAT IV 600V / CAT III 1000V
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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

Control & Performance

Control Method	V/f and Sensorless Vector Control (SVC)
Output Frequency Range	0.1 - 400 Hz
Overload Capacity	150% of rated current for 60 seconds

Features & Protection

Built-in EMC Filter	No - EMC filter not included
Braking	DC injection braking + dynamic braking
Communication	RS-485, 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 VFD015EL21W-1 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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