

Rated frequency range 1Hz~120Hz

115V / 230V model

Standard Specifications

Features:

- 1.16-bit microprocessor controlled SVPWM output.
- 2.Low noise ; carrier frequency up to 10kHz.
- 3.Controlled reversing.
- 4.2 inputs and 1 output terminal for external controls.
- 5.Adjustable V/F curve.
- 6.Adjustable accel / decel time.
- 7.RS-485 communication (Baud rate 9600).
- 8.Option: Programmable Keypad (VFD-PU02).



Suitable for under 100W/3-phase AC motor drive



Compact with VFD-PU02 for running and monitoring AC motor drive (Optional)



Built-in Modbus Communication

Function Display



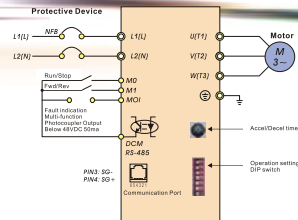
- Power LED
- Fault LED
- Output Freq. Potentiometer
- Run/Stop Switch
- Fwd/Rev Switch

Installation Method

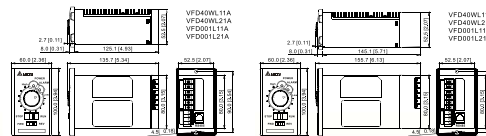


Motor Terminal

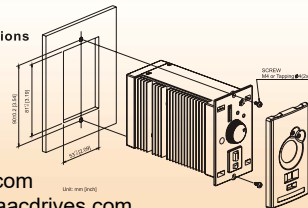
Wiring



Dimensions



Installation Dimensions



- L1, L2 (L, N) AC Input
- U, V, W (T1, T2, T3) Motor Connections
- Communication Port
- External Terminals

- Operation Setting DIP switch
- Accel/Decel time knob

Control Terminal Wiring

Motor Terminal

Send Quote Requests to info@automatedpt.com

Call +1(800)985-6929 To Order or Order Online At Deltaacdrives.com

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	115V		230V					
Model Number VFD-□□□□ LK1A/B	40W	001	40W	001				
Max. Applicable Motor Output(w)	25/40	60/100	25/40	60/100				
Output Rating	Rated Output Capacity (VA)	106/152	212/303	106/152	212/303			
Rated Output Current (A)	0.28/0.4	0.56/0.8	0.28/0.4	0.56/0.8				
Max. Output Voltage (V)	3Phase Double the Input Voltage		Proportional to Input Voltage					
Rated Frequency (Hz)	1.00 to 120.00 Hz							
Input Rating	Rated Voltage/Frequency		Single-phase 100 to 125 VAC, 50/60 Hz		Single-phase 200 to 240 VAC, 50/60 Hz			
Voltage/Freq. Tolerance	Voltage:±10%, Frequency:±5%							
Rated Current (A)	1.1A	1.5A	2.2A	3.0A	0.5A	0.7A	1.0A	1.4A
Control Systems	SVPWM (Space Vector Pulse Width Modulation, carrier frequency 10kHz)							
Torque Setting	High/Low, Switching							
Overload Endurance	150% of rated current for 1 minute							
Accel/Decel Time	0 to 30.0 seconds							
Frequency Setting	Potentiometer							
Operating Characteristics	Operation Setting Signal	Panel	RUN/STOP, FORWARD/REVERSE					
	Ext. Terminal	RUN/STOP, FORWARD/REVERSE, RS-485						
	Output Indication	Panel	Fault Indication (LED Flash)					
Ext. Terminal	Fault Indication (Open Collector)							
Protection	Self-testing, OverVoltage, OverCurrent, UnderVoltage, Overload, Overheating, Electronic thermal							
Other	EMI Filter Built in for Frame B							
Cooling	Natural air-cooling							
Environment	Installation Location	Altitude 1,000 m or lower, keep from corrosive gasses, liquid and dust						
	Ambient Temperature	-10°C TO 40°C (Non-Condensing and not frozen)						
	Storage Temperature	-20°C TO 60°C						
	Ambient Humidity	Below 90% RH (non-condensing)						
	Vibration	0.060mm/s (1G) (less than 20Hz, 0.06mm/s (0.6G) at 20 to 60Hz)						