

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

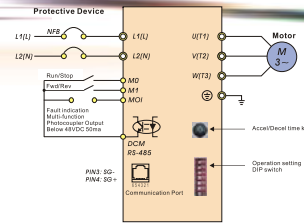
Function Display



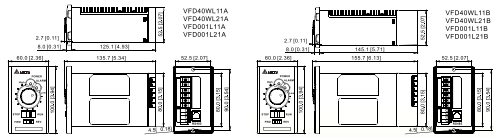
Installation Method



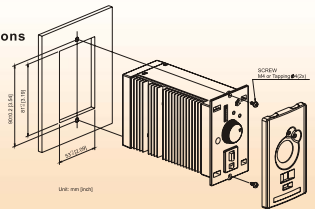
Wiring



Dimensions



Installation Dimensions



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



Built-in Modbus Communication



	115V		230V	
Voltage	115V		230V	
Model Number VFD-□□□□ LK1A/B	40W 001	60/100	40W 001	60/100
Max. Applicable Motor Output(w)	25/40	60/100	25/40	60/100
Output Rating	115V		230V	
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	115V		230V	
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 Characteristics	SVPWM (Space Vector Pulse Width Modulation, carrier frequency 10kHz)			
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			
Operating Characteristics	Frequency Setting: Potentiometer			
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	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			

*We reserve the right of this catalogue contained information change without prior notice.