

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

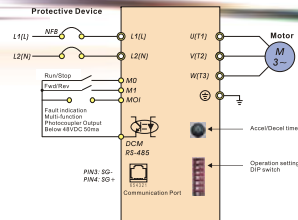


Operation Setting DIP switch

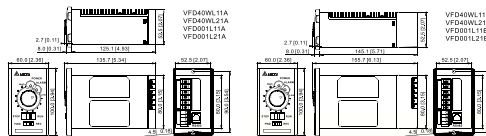
Installation Method



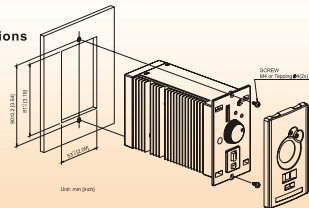
Wiring



Dimensions



Installation Dimensions



Built-in Modbus Communication

L1, L2 (L, N) AC Input

U, V, W (T1, T2, T3) Motor Connections

Communication Port

External Terminals

	Voltage		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%								
Control Characteristics	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								
Operating Characteristics	Accel/Decel Time		0 to 30.0 seconds								
	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	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								

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