



BD337 SERİSİ IP53 VFD

BD337 IP53 koruma sınıfıdır VFDİslak ortam veya sıçrayan su, ağır toz vb. gibi çalışma ortamının çok zorlu olduğu durumlar için özel olarak geliştirilmiştir.

Uygulamalar:

- plastik makineleri
- tekstil makineleri
- baskı ve boyama makineleri
- gıda makineleri
- madenler
- toz, havalandırma ekipmanları



BD337 IP53 KORUMA SINIFIDIR VFD ÇALIŞMA ORTAMININ ÇOK ZORLU OLDUĞU DURUMLAR İÇİN ÖZEL OLARAK GELİŞTİRİLMİŞ OLAN İSLAK ORTAM VEYA SIÇRAYAN SU, AĞIR TOZ VB. IEC60529 (EN60529) STANDARDINA UYGUNDUR, TOZU ÖNLEYEBİLİR ARALIKTAKİ YAĞMURDAN İTİBAREN TÜM YÖNLER VE DİKEY ARAYÜZLER 60°'DEN.

◆YAPI METAL BİR KABUKTUR, ZARIF RENK, GÜZEL GÖRÜNÜM VE İLE GELİŞMİŞ YÜZEY TOZU PÜSKÜRTME TEKNOLOJİSİNİ BENİMSEYEN SU GEÇİRMEZ BOYA

◆GÖRÜNÜMÜ VFD İ-Yİ ISI DAĞILIMI İLE METAL BİR KABUK BENİMSEYEN

◆IP53 DERECELİ FANI KULLANIN

BD337 series full-sealed high performance general purpose vector control frequency inverter (AC Drive).

I/O Features	Input Voltage Range	1AC220V±15% 3AC220V±15% 3AC380V±15%
	Input Frequency Range	47-63Hz
	Output Voltage Range	0~rated input voltage
	Output Frequency Range	0~200Hz
I/O Terminals	Input Terminals	6 programmable digital inputs, it can be extended to 3 digital inputs, 1 high speed pulse input; 1 analog voltage input, 0~10VDC; 1 voltage input 0~10VDC or current input 4~20mA
	Output Terminals	1 open collector output, it can be extended to 1 high speed pulse output; 2 relay outputs, it can be extended 4 relay outputs; 2 analog output: 1 voltage output 0~10VDC, it can be extended to current output 4~20mA, 1 voltage output 0~10VDC or current output 4~20mA
Control function	Control system:	High performance vector control inverter based on DSP
	Control Mode	V/F Control, sensorless vector control(SVC)
	Frequency Reference Source	Digital, analog, pulse frequency, serial communication, multi-step speed, simple PLC and PID, The combination of multi-modes and the different modes can be switched.
	Overload Capacity	G type: 150% rated current-60s, 180% rated current-10s P type: 120% rated current-60s, 150% rated current-10s
	Start Torque	0.5Hz/150%(SVC)
	Speed Adjusting Range	1:100 (SVC)
	Speed Accuracy	±0.5% (SVC)
	Carrier Frequency	1.0 to 15.0kHz; automatically adjust carrier frequency according to the load characteristics.
	Resolution of Frequency setting	Digital setting: 0.01Hz Analog setting: maximum frequency x 0.1%
	Torque Boost	Automatic torque boost; manual torque boost 0~30%
	Acc/Dec Mode	Linear, 2 types Acc/Dec times
	DC Braking	Supports starting and stopping DC braking
	Jogging control	Jog frequency range: 0.0Hz to max. frequency; Jog Acc/Dec time: 0~3600.0s
	Simple PLC and Multi-speed	Built-in PLC or control terminal, 16 steps speed can be set
	Built-in PID	Easy to realize closed-loop control system for the process control.
	Automatic voltage regulation(AVR)	Automatically maintain a constant output voltage when the voltage of electricity grid changes
	Other Functions	● Traverse control function: multiple triangular pulse frequency control ● Over-torque and under-torque detection function ● Switchover function: switch main / auxiliary frequency, run command, local / remote ● None-stop when instantaneous power off ● Common DC bus function: multiple inverters can use a common DC bus ● Speed tracking function: Smoothly start the running motor ● Timing control: timing setting range 0~65535h ● Jump frequency function, which prevents mechanical resonance and makes the system more stable and reliable; ● Protection function: overvoltage, undervoltage, overcurrent, overload, overheat, overcurrent stall, overvoltage stall, phase-failure, external fault, EEPROM store abnormalities, PID feedback abnormalities, communication error, etc. ● Other functions: parameter restore, parameter self-learning, slip compensation, energy saving, etc.
Display	LED Display	Can display: setting frequency, output frequency, output voltage, output current etc.
Environmental Constraint	Protection level	IP53
	Temperature	-10℃~+40℃, it will be derated if ambient temperature exceeds 40℃
	Humidity	Below 90%RH
	Vibration	≤20Hz 9.8m/s(1G), ≥20Hz 5.88m/s(0.6G)
	Altitude	Below 1000m, indoor
	Storage temperature	-20℃~+60℃
	Cooling type	Forced cooling
	Work environment	Can work in poor environment (Waterproof, dustproof, dampproof, corrosion-proof, oil-proof)