NZV series AC VFD

NZV series High Performance Vector Control

- Control Method: V/F control; space vector control (SVC)
- Frequency setting mode: Digital set; Analog Set; Pulse frequency setting; Serial communication settings;
- Multi-speed and simple PLC setting; PID setting etc., can achieve the set combinations and mode switching
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Power range

380V / 0.75 ~ 1000 kW

Technical specification

Item		specification
Input	Rated voltage, Frequency	1/3 AC 220V 47-63 Hz.; 3 AC 380V; 47-63Hz;
	Voltage Range	380V ±15%; 220V ±15%
Output	Output Voltage Range	1～rated input voltage
	Output Frequency Range	0～600.0 Hz
Control method		V/F control, Senseless Vector control
Technic al data	Overload Capacity	150% rated current in 60 s.; 180% rated current in 10 s
	Start Torque	0.5 Hz/150% with vector senseless control
	Aljustment Ratio	1:100 with vector senerless control
	Speed Control Accuracy	0.5~15 KHz
Termianl	Programmable Digital input	4 terminals
	Programmable Analog input	FIV:0~10V, FIC:0~10V or 0~20mA
	Coupling Output	1 Set
	Relay Output	1 Set, 2-nd relay output is optional
	Analog Output	1 Set-option of 4~20mA/0~10V
Function	Frequency Setting	Digital, Analog, Series communication, Multi-speed, PID, etc.
	PID Function	Built in
	Multi-speed Function	8 speeds
	Adjustable Frequency	Stable frequency
	Off Power	Keep running in power off instantly
	Jog Key Function	Multi-function setting by Users
	Voltage Adjustment	Auto maintain output voltage stable in changing of power
	Failure Protection	25 types of failure protection:over current, over voltage,low voltage, over heat, short phase, over load, so on.