In addition, because the EEPROM is stored frequently, the service life of the block can reduce the the life of the block EPROM, so some function code under the mode of communication, do not need to be stored, just change the value of RAM.If it is P group of parameters, in order to realize the function, as long as putting this function code address high F into 0 can be achieved.If it is C group of parameters, in order to realize the function, as long as putting the function code the address of high A into 4 can be achieved. Corresponding function codes are shown as the following address: the high byte: 00 ~ 0F (P group), 40 ~ 4F(group B) low byte: 00 to FF

Such as:

Function code P3.12 is not stored in the EEPROM,The address is expressed as 030C;Function code C0-05 is not stored in the EEPROM,The address is expressed as 4005; The address representation can only do writing RAM,can't do reading action,when reading,it is invalid address. For all the parameters, can also use the command code 7H to implement this function.

Stopping/starting parameters:

Parameter address	Parameter description
1000	Communication Setting value (-10000~10000) (decimal system)
1001	Operating frequency
1002	Bus voltage
1003	output voltage
1004	current output
1005	output power
1006	output torque
1007	running velocity
1008	S Input Flag
1009	M01 output Flag
100A	FIV voltage
100B	FIC voltage
100C	Reserved
100D	count value input
100E	The length of the input
100F	The load speed

1010	PID setting
1011	PID feedback
1012	PLC steps
1013	PULSE the input pulse frequency,unit 0.01kHz
1014	Reserved
1015	The remaining running time
1016	FIV before correction voltage
1017	FIC before correction voltage
1018	Reserved
1019	Linear velocity
101A	the current access to electricity time
101B	the current running time
101C	PULSE input pulse frequency,unit 1Hz
101D	Communication Setting value
101E	Reserved
101F	The main frequency X show
1020	Auxiliary frequency Y show

attention:

Communication setting value is relative percentage, 10000 corresponds to 100.00% and - 10000-100.00%.The frequency of dimensional data, the percentage is relative to the percentage of maximum frequency (P0.12);Counter rotating torque dimensional data, the percentage is P2.10.

Control command input to the inverter:(write-only)

The command word address	Command function
2000	0001:Running forward
	0002:Reverse running
	0003:normal inching turning
	0004:Reversal point move
	0005:Free downtime
	0006:Slowing down
	0007:Failure reset

Read the inverter state: (read-only)

Status word address	Status word function
3000	0001:Running forward
	0002:Reverse running
	0003:closing down

Parameters lock password check: (if return for 8888H,it indicates that the

password check through)

Password address	The content of the input password
1F00	*****

Command address	Command content
2001	BIT0:(reserved) BIT1:(reserved) BIT2:RA-RB-RC output control BIT3:reserved BIT4:MO1 output control

Analog output FOV control: (write-only)

Command address	Command content
2002	0~7FFF represent 0%~100%

Analog output control:(Reserved)

Command address	Command content
2003	0~7FFFrepresent 0%~100%

PULSE (PULSE) output control: (write -only)

Command address	Command content
2004	0~7FFFrepresent 0%~100%

Inverter fault description:

Inverter fault address	Inverter fault information
8000	0000:failure-free 0001:reserve 0002:Accelerate over current 0003:Slow down over current 0004:Constant speed over current 0005:Accelerate over the voltage 0006:Slow down over voltage 0007:Constant speed over voltage 0008:Buffer resistance overload fault 0009:Under-voltage fault 000A:The inverter overload 000B:Motor overload 000C:reserved 000D:The output phase 000E:Module is overheating 000F:External fault 0010:Abnormal communication 0011:Abnormal contactor 0012:Current detection fault 0013:Motor tuning fault 0014:reserved 0015:Abnormal parameters, reading and writing 0016:Inverter hardware failure

8000	0017:Motor for short circuit fault 0018:reserved 0019:reserved 001A:Running time reached 001B: reserved 001C: reserved 001D: Accumulative power-on time reached 001E:Load becoming 0 001F:PID feedback lost during running 0028:With-wave current limit fault 0029:Motor switchover fault during running 002A: Too large speed deviation 002B: Motor over-speed 002D:Motor overheat 005A:Encoder line number setting error 005B:Don't connect the encoder 005C:Initial position fault 005E:Speed feedback error

Communication failures address	Fault feature description
8001	0000:failure-free 0001:Password mistake 0002:The command code error 0003:CRC Checking error 0004:Invalid address 0005:Invalid parameter 0006:correcting parameter is invalid 0007:System is locked 0008:Block is EEPROM operation

FD group Communication parameters show

PD.00	Baud rate	The factory value	0005
	setting range	units' digit:MODUBS Baud rate 0:300BPS 1:600BPS 2:1200BPS 3:2400BPS 4:4800BPS 5:9600BPS 6:19200BPS 7:38400BPS 8:57600BPS 9:115200BPS	

This parameter is used to set data transfer rate between the PC and inverter.Notice that setting the baud rate of upper machine and inverter must agree, otherwise, the communication can't carry on.The faster the baud rate, the greater the communication.