4. Address list

Content	Register	Function	
AC motor drive parameters	GGnnH	GG means parameter group, nn means parameter number, for example, the address of Pr. 04-01 is 0401H.	
Command write only	2000H	bit 1~0	~~00B: No function~~
			01B: Stop
			10B: Run
			~~11B: JOG + RUN~~
		~~bit 3~2~~	~~Reserved~~
		bit 5~4	~~00B: No function~~
			01B: FWD
			10B: REV
			~~11B: Change direction~~
		~~bit 7~6~~	~~00B: 1st accel. / decel.~~
			~~01B: 2nd accel. / decel.~~
			~~10B: 3rd accel. / decel.~~
			~~11B: 4th accel. / decel.~~
		~~bit 11~8~~	~~000B: Master speed~~
			~~0001B: 1st Stage speed frequency~~
			~~0010B: 2nd Stage speed frequency~~
			~~0011B: 3rd Stage speed frequency~~
			~~0100B: 4th Stage speed frequency~~
			~~0101B: 5th Stage speed frequency~~
			~~0110B: 6th Stage speed frequency~~
			~~0111B: 7th Stage speed frequency~~
			~~1000B: 8th Stage speed frequency~~
			~~1001B: 9th Stage speed frequency~~
			~~1010B: 10th Stage speed frequency~~
			~~1011B: 11th Stage speed frequency~~
			~~1100B: 12th Stage speed frequency~~
			~~1101B: 13th Stage speed frequency~~
			~~1110B: 14th Stage speed frequency~~
			~~1111B: 15th Stage speed frequency~~
		~~bit 12~~	~~1: Enable 2000H bit 6~bit 11 function~~
		~~bit 14~13~~	~~00B: No function~~
			~~01B: Operated by digital keypad~~
			~~10B: Operated by Pr. 00-21 setting~~
			~~11B: Change operation source~~
		~~bit 15~~	~~Reserved~~
	2001H	Frequency command (XXX.XX Hz)	
	2002H	bit 0	1: EF (external fault) on
		bit 1	1: Reset
		bit 2	1: B.B ON
		~~bit 15~3~~	~~Reserved~~
Status monitor read only	2100H	High byte: Warn code Low Byte: Error code	
	2101H	bit 1~0	AC motor drive operation status 00B: Drive stops 01B: Drive decelerating 10B: Drive standby 11B: Drive operating
		bit 2	1: JOG command
		bit 4~3	Operation direction 00B: FWD run 01B: From REV run to FWD run 10B: REV run 11B: From FWD run to REV run

Content	Register	Function	
		bit 8	1: Master frequency controlled by communication interface
		bit 9	1: Master frequency controlled by analog signal
		bit 10	1: Operation command controlled by communication interface
		~~bit 11~~	~~1: Parameter locked~~
		~~bit 12~~	~~1: Enable to copy parameters from keypad~~
		~~bit 15~13~~	~~Reserved~~
	~~2102H~~	~~Frequency command (XXX.XX Hz)~~	
	~~2103H~~	~~Output frequency (XXX.XX Hz)~~	
	2104H	Output current (XX.XX A). When current is higher than 655.35, it will shift decimal as (XXX.X A). The decimal can refer to High byte of 211F.	
	2105H	DC-BUS voltage (XXX.X V)	
	2106H	Output voltage (XXX.X V)	
	~~2107H~~	~~Current step number of multi-stage speed operation~~	
	~~2108H~~	~~Reserved~~	
	~~2109H~~	~~Counter value~~	
	~~210AH~~	~~Power factor angle (XXX.X)~~	
	210BH	Output torque (XXX.X %)	
	210CH	Actual motor speed (XXXXX rpm)	
	~~210DH~~	~~Number of PG feedback pulses (0~65535)~~	
	~~210EH~~	~~Number of PG2 pulse commands (0~65535)~~	
	~~210FH~~	~~Power output (X.XXX KWH)~~	
	~~2116H~~	~~Multi-function display (Pr. 00-04)~~	
	211BH	Max. operation frequency (Pr. 01-00) or Max. user defined value (Pr. 00-26) When Pr. 00-26 is 0, this value is equal to Pr. 01-00 setting When Pr. 00-26 is not 0, and the command source is Keypad, this value = Pr. 00-24 * Pr. 00-26 / Pr. 01-00 When Pr. 00-26 is not 0, and the command source is 485, this value = Pr. 09-10 * Pr. 00-26 / Pr. 01-00	
	211FH	High Byte: decimal of current value (display)	
	~~2200H~~	~~Display output current (A). When current is higher than 655.35, it will shift decimal as (XXX.X A). The decimal can refer to High Byte of 211F.~~	
	~~2201H~~	~~Display counter value (c)~~	
	2202H	Actual output frequency (XXXXX Hz)	
	~~2203H~~	~~DC-BUS voltage (XXX.X V)~~	
	~~2204H~~	~~Output voltage (XXX.X V)~~	
	~~2205H~~	~~Power angle (XXX.X)~~	
	~~2206H~~	~~Display actual motor speed kW of U, V, W (XXXXX kW)~~	
	2207H	Display motor speed in rpm estimated by the drive or encoder feedback (XXXXX rpm)	
	~~2208H~~	~~Display positive / negative output torque in %, estimated by the drive (t0.0: positive torque, -0.0: negative torque) (XXX.X %)~~	
	~~2209H~~	~~Display PG feedback (as Pr. 00-04 NOTE 1)~~	
	~~220AH~~	~~PID feedback value after enabling PID function (XXX.XX %)~~	
	~~220BH~~	~~Reserved~~	
	220CH	Display signal of ACI analog input terminal, 4-V 20 mA / 0-10 V corresponds to 0.00~100.00 % (2.) (as Pr. 00-04 NOTE 2)	
	~~220DH~~	~~Reserved~~	
	220EH	IGBT temperature of drive power module (XXX.X °C)	
	~~220FH~~	~~The temperature of capacitance (XXX.X °C)~~	

Content	Register	Function
	2210H	The status of digital input (ON / OFF), refer to Pr. 02-12 (as Pr. 00-04 NOTE 3)
	2211H	The status of digital output (ON / OFF), refer to Pr. 02-18 (as Pr. 00-04 NOTE 4)
	~~2212H~~	~~The multi-step speed that is executing (S)~~
	~~2213H~~	~~The corresponding CPU pin status of digital input (d.) (as Pr. 00-04 NOTE 3)~~
	~~2214H~~	~~The corresponding CPU pin status of digital output (O.) (as Pr. 00-04 NOTE 4)~~
	~~2215H~~	~~Number of actual motor revolution (PG1 of PG card) (P.) it will start from 9 when the actual operation direction is changed or keypad display at stop is 0. Max. is 65535~~
	~~2216H~~	~~Pulse input frequency (PG2 of PG card) (XXX.XX Hz)~~
	~~2217H~~	~~Pulse input position (PG card PG2), maximum setting is 65535.~~
	2218H	Position command tracing error
	2219H	Display times of counter overload (XXX.XX %)
	~~221AH~~	~~GFF (XXX.XX %)~~
	~~221BH~~	~~DC-BUS voltage ripples (XXX.X V)~~
	~~221CH~~	~~PLC register D1043 data (C)~~
	~~221DH~~	~~Pole of Permanent Magnet Motor~~
	~~221EH~~	~~User page displays the value in physical measure~~
	~~221FH~~	~~Output Value of Pr. 00-05 (XXX.XX Hz)~~
	~~2220H~~	~~Number of motor turns when drive operates (keeping when drive stops, and reset to zero when operation)~~
	2221H	Operation position of motor (keeping when drive stops, and reset to zero when operation)
	2222H	Fan speed of the drive (XXX %)
	~~2223H~~	~~Control mode of the drive 0: speed mode 1: torque mode~~
	~~2224H~~	~~Carrier frequency of the drive (XX KHZ)~~
	~~2225H~~	~~Reserved~~
	2226H	Drive status bit 1~0 00b: No direction 01b: Forward 10b: Reverse bit 3~2 01b: Driver ready 10b: Error bit 4 0b: Motor drive did not output 1b: Motor drive did output bit 5 0b: No alarm 1b: Have Alarm
	~~2227H~~	~~Drive's estimated output torque (positive or negative direction) (XXXX Nt-m)~~
	~~2228H~~	~~Torque command (XXX.X %)~~
	2229H	KWH display (XXXX.X)
	222AH	MI7pulse input in Low Word
	222BH	MI7 pulse input in High Word
	222CH	Motor actual position in Low Word
	222DH	Motor actual position in High Word
	~~222EH~~	~~PID reference (XXX.XX %)~~
	~~222FH~~	~~PID offset (XXX.XX %)~~
	~~2230H~~	~~PID output frequency (XXX.XX Hz)~~
	2231H	Hardware ID
	~~2232H~~	~~Display auxiliary frequency~~
	~~2233H~~	~~Display master frequency~~
	~~2234H~~	~~Display frequency after addition and subtraction of auxiliary and master frequency~~