

## ■ ModBus Address Table

FS : Factory Setting

\*Data Type is unsigned integer16

Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
d01	Output Frequency Monitor	0x0101	257	R	0	0	40000	0.01	Hz
d02	Output Current Monitor	0x0102	258	R	0	0	60000	0.1	A
d03	Output Voltage Monitor	0x0103	259	R	0	0	2000	1	V
d04	Rotation Direction	0x0104	260	R	0	0	1		
d05	PID Feedback	0x0105	261	R	0	0	10000		
d06	Intelligent Input Terminal Status	0x0106	262	R	0	0	255		
d07	Intelligent Output Terminal Status	0x0107	263	R	0	0	7		
d08	RPM Output	0x0108	264	R	0	0	60000		
d09	Power Consumption	0x0109	265	R	0	0	10000		W
d10	VFD Runtime (Hours)	0x010a	266	R	0	0	65535		Hour
d11	VFD Runtime (Minutes)	0x010b	267	R	0	0	65535		Minute
d12	DC Bus Voltage	0x010c	268	R	0	0	2000	1	V
d13	Current Fault,Fault Code	010D	269	R	0	0	40000		
	Trip Monitor 1,Frequency at Trip	010E	270	R	0	0	40000	0.01	Hz
	Trip Monitor 1,Current at Trip	010F	271	R	0	0	60000	0.1	A
	Trip Monitor 1,Vdc at Trip	0110	272	R	0	0	2000	1	V
	Trip Monitor 1,Output voltage at Trip	0111	273	R	0	0	2000		
	Trip Monitor 1,Output torque at Trip	0112	274	R	0	0	40000		
	Trip Monitor 1,Reference frequency at Trip	0113	275	R	0	0	40000	0.01	Hz
	Trip Monitor 1,Run direction at Trip	0114	276	R	0	0	40000		
	Trip Monitor 1,Run Status at Trip	0115	277	R	0	0	40000		
	Trip Monitor 1,Module Temperature at Trip	0116	278	R	0	0	40000		
	Trip Monitor 1,I/O Terminal Status at Trip	0117	279	R	0	0	40000		
	Trip Monitor 1,I/O Comm Status at Trip	0118	280	R	0	0	40000		
Trip Monitor 1,Run Time at Trip	0119	281	R	0	0	40000			
d14	Previous Fault 1,Fault Code	011A	282	R	0	0	40000		
	Trip Monitor 2,Frequency at Trip	011B	283	R	0	0	40000	0.01	Hz
	Trip Monitor 2,Current at Trip	011C	284	R	0	0	60000	0.1	A
	Trip Monitor 2,Vdc at Trip	011D	285	R	0	0	2000	1	V
	Trip Monitor 2,Output voltage at Trip	011E	286	R	0	0	2000		
	Trip Monitor 2,Output torque at Trip	011F	287	R	0	0	40000		
	Trip Monitor 2,Reference frequency at Trip	0120	288	R	0	0	40000	0.01	Hz
	Trip Monitor 2,Run direction at Trip	0121	289	R	0	0	40000		
	Trip Monitor 2,Run Status at Trip	0122	290	R	0	0	40000		
	Trip Monitor 2,Module Temperature at Trip	0123	291	R	0	0	40000		
	Trip Monitor 2,I/O Terminal Status at Trip	0124	292	R	0	0	40000		
	Trip Monitor 2,I/O Comm Status at Trip	0125	293	R	0	0	40000		
Trip Monitor 2,Run Time at Trip	0126	294	R	0	0	40000			

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
d15	Previous Fault 2,Fault Code	0127	295	R	0	0	40000		
	Trip Monitor 3,Frequency at Trip	0128	296	R	0	0	40000	0.01	Hz
	Trip Monitor 3,Current at Trip	0129	297	R	0	0	60000	0.1	A
	Trip Monitor 3,Vdc at Trip	012A	298	R	0	0	2000	1	V
	Trip Monitor 3,Output voltage at Trip	012B	299	R	0	0	2000		
	Trip Monitor 3,Output torque at Trip	012C	300	R	0	0	40000		
	Trip Monitor 3,Reference frequency at Trip	012D	301	R	0	0	40000	0.01	Hz
	Trip Monitor 3,Run direction at Trip	012E	302	R	0	0	40000		
	Trip Monitor 3,Run Status at Trip	012F	303	R	0	0	40000		
	Trip Monitor 3,Module Temperature at Trip	0130	304	R	0	0	40000		
	Trip Monitor 3,I/O Terminal Status at Trip	0131	305	R	0	0	40000		
	Trip Monitor 3,I/O Comm Status at Trip	0132	306	R	0	0	40000		
	Trip Monitor 3,Run Time at Trip	0133	307	R	0	0	40000		
d16	Previous Fault 3,Fault Code	0134	308	R	0	0	40000		
	Trip Monitor 4,Frequency at Trip	0135	309	R	0	0	40000	0.01	Hz
	Trip Monitor 4,Current at Trip	0136	310	R	0	0	60000	0.1	Arms
	Trip Monitor 4,Vdc at Trip	0137	311	R	0	0	2000		
	Trip Monitor 4,Output voltage at Trip	0138	312	R	0	0	2000		
	Trip Monitor 4,Output torque at Trip	0139	313	R	0	0	40000		
	Trip Monitor 4,Reference frequency at Trip	013A	314	R	0	0	40000	0.01	Hz
	Trip Monitor 4,Run direction at Trip	013B	315	R	0	0	40000		
	Trip Monitor 4,Run Status at Trip	013C	316	R	0	0	40000		
	Trip Monitor 4,Module Temperature at Trip	013D	317	R	0	0	40000		
	Trip Monitor 4,I/O Terminal Status at Trip	013E	318	R	0	0	40000		
	Trip Monitor 4,I/O Comm Status at Trip	013F	319	R	0	0	40000		
	Trip Monitor 4,Run Time at Trip	0140	320	R	0	0	40000		
d17	Trip count	0141	321	R	0	0	40000		
d18	Inverter S/W version	0142	322	R	0	0	65535	0.001	
d19	Fan operation time (day)	0143	323	R	0	0	65535		day
d20	Fan operation time (minute)	0144	324	R	0	0	65535		min
d21	Inverter internal temperature	0145	325	R	0	-400	1600	0.1	℃
F01	Output Frequency SetPoint	0201	513	R/W	6000	0	A04	0.01	Hz
F02	Acceleration Time 1	0202	514	R/W	50	0	60000	0.1	sec
F03	Deceleration Time 1	0203	515	R/W	100	0	60000	0.1	sec
F04	Rotation Direction	0204	516	R/W	0	0	1		
F05	Rotation direction selection	0205	517	R/W	0	0	2		
F06	Define custom display	0206	518	R/W	0	0	65535	0.1	

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
A01	Frequency Setpoint Source	0301	769	R/W	1	0	6		
A02	Run Source	0302	770	R/W	1	0	4		
A03	Base Frequency Setpoint	0303	771	R/W	6000	0	A04	0.01	Hz
A04	Maximum frequency Setpoint	0304	772	R/W	6000	A03	40000	0.01	Hz
A05	Frequency at Min. Analog Input	0305	773	R/W	0	0	A04	0.01	Hz
A06	Frequency at Max. Analog Input	0306	774	R/W	0	0	A04	0.01	Hz
A07	Minimum Analog Input Offset	0307	775	R/W	0	0	1000	0.1	%
A08	Maximum Analog Input Offset	0308	776	R/W	1000	0	1000	0.1	%
A09	Start Frequency	0309	777	R/W	0	0	1		
A10	Low pass Filter Gain	030A	778	R/W	10	1	500	0.1	sec
A11	Multi speed frequency Setpoint 1	030B	779	R/W	500	0	A04	0.01	Hz
A12	Multi speed frequency Setpoint 2	030C	780	R/W	1000	0	A04	0.01	Hz
A13	Multi speed frequency Setpoint 3	030D	781	R/W	1500	0	A04	0.01	Hz
A14	Multi speed frequency Setpoint 4	030E	782	R/W	2000	0	A04	0.01	Hz
A15	Multi speed frequency Setpoint 5	030F	783	R/W	3000	0	A04	0.01	Hz
A16	Multi speed frequency Setpoint 6	0310	784	R/W	4000	0	A04	0.01	Hz
A17	Multi speed frequency Setpoint 7	0311	785	R/W	5000	0	A04	0.01	Hz
A18	Multi speed frequency Setpoint 8	0312	786	R/W	6000	0	A04	0.01	Hz
A19	Multi speed frequency Setpoint 9	0313	787	R/W	0	0	A04	0.01	Hz
A20	Multi speed frequency Setpoint 10	0314	788	R/W	0	0	A04	0.01	Hz
A21	Multi speed frequency Setpoint 11	0315	789	R/W	0	0	A04	0.01	Hz
A22	Multi speed frequency Setpoint 12	0316	790	R/W	0	0	A04	0.01	Hz
A23	Multi speed frequency Setpoint 13	0317	791	R/W	0	0	AF04	0.01	Hz
A24	Multi speed frequency Setpoint 14	0318	792	R/W	0	0	A04	0.01	Hz
A25	Multi speed frequency Setpoint 15	0319	793	R/W	0	0	A04	0.01	Hz
A26	Jog Frequency	031A	794	R/W	50	50	1000	0.01	Hz
A27	Jog Stop Mode	031B	795	R/W	0	0	2		
A28	Torque Boost Mode	031C	796	R/W	0	0	1		
A29	Manual Torque Boost Voltage Setpoint	031D	797	R/W	10	0	500	0.1	%

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
A30	Manual Torque Boost Frequency Setpoint	031E	798	R/W	1000	0	1000	0.1	%
A31	Motor Control Method	031F	799	R/W	0	0	3		
A32	Voltage Gain Factor	0320	800	R/W	1000	200	1100	0.1	%
A33	DC Injection Braking	0321	801	R/W	0	0	1		
A34	DC Injection Braking Frequency Setpoint	0322	802	R/W	50	50	1000	0.01	Hz
A35	DC Injection Braking Delay Time	0323	803	R/W	0	0	50	0.1	sec
A36	DC Injection Braking Force at Stop	0324	804	R/W	500	0	1000	0.1	%
A37	DC Injection Braking Time at Stop	0325	805	R/W	0	0	100	0.1	sec
A38	Frequency Upper Limit	0326	806	R/W	0	A39	A04	0.01	Hz
A39	Frequency Lower Limit	0327	807	R/W	0	0	A38	0.01	Hz
A40	Jump Output Frequencies	0328	808	R/W	0	0	A04	0.01	Hz
A41	Jump Frequency Range	0329	809	R/W	0	0	1000	0.01	Hz
A42	Jump Output Frequencies	032A	810	R/W	0	0	A04	0.01	Hz
A43	Jump Frequency Range	032B	811	R/W	0	0	1000	0.01	Hz
A44	Jump Output Frequencies	032C	812	R/W	0	0	A04	0.01	Hz
A45	Jump Frequency Range	032D	813	R/W	0	0	1000	0.01	Hz
A46	Manual torque boost setting (Reverse)	032E	814	R/W	10	0	500	0.1	%
A47	Manual torque boost Frequency setting (Reverse)	032F	815	R/W	1000	0	1000	0.1	%
A48	Auto Torque Boost Gain	0330	816	R/W	100	0	250		
A49	Auto torque boost filter tow	0331	817	R/W	800	1	9999		
A52	Automatic Voltage Regulation(AVR)	0334	820	R/W	2	0	2		
A53	Motor Input Voltage	0335	821	R/W	380	80	500		
A54	Acceleration Time 2	0336	822	R/W	50	0	60000	0.1	sec
A55	Deceleration Time 2	0337	823	R/W	100	0	60000	0.1	sec
A56	Accel/Decel 2 Command Select	0338	824	R/W	0	0	1		
A57	Accel 2 Transition Frequency	0339	825	R/W	0	0	A04	0.01	Hz
A58	Decel 2 Transition Frequency	033A	826	R/W	0	0	A04	0.01	Hz
A59	Acceleration Curve Select	033B	827	R/W	0	0	2		
A60	Deceleration Curve Select	033C	828	R/W	0	0	2		

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
A61	Analog Input Voltage Offset	033D	829	R/W	0	-1000	1000	0.1	%
A62	Analog Input Voltage Gain	033E	830	R/W	1000	-2000	2000	0.1	%
A63	Analog Input Current Offset	033F	831	R/W	0	-1000	1000	0.1	%
A64	Analog Input Current Gain	0340	832	R/W	1000	-2000	2000	0.1	%
A65	FAN Operation Mode	0341	833	R/W	0	0	2		
A66	S curve start ratio setting of acceleration	0342	834	R/W	500	0	1000	0.1	%
A67	S curve stop ratio setting of acceleration	0343	835	R/W	500	0	1000	0.1	%
A68	S curve start ratio setting of deceleration	0344	836	R/W	500	0	1000	0.1	%
A69	S curve stop ratio setting of deceleration	0345	837	R/W	500	0	1000	0.1	%
A70	PID Function Select	0346	838	R/W	0	0	4		
A71	PID Setpoint	0347	839	R/W	0	0	10000	0.01	%
A72	PID Setpoint Source	0348	840	R/W	2	0	6		
A73	PID Feedback Type	0349	841	R/W	0	0	1		
A74	PID P Gain	034A	842	R/W	1000	1	10000	0.1	%
A75	PID I Gain Time	034B	843	R/W	10	0	36000	0.1	%
A76	PID D Gain Time	034C	844	R/W	0	0	1000	0.01	%
A77	PID Error Limit	034D	845	R/W	1000	0	1000	0.1	%
A78	PID Output High Limit	034E	846	R/W	1000	A79	1000	0.1	%
A79	PID Output Low Limit	034F	847	R/W	0	-1000	A78	0.1	%
A80	PID Output Invert	0350	848	R/W	0	0	1		
A81	PID Scale Factor	0351	849	R/W	1000	1	10000	0.1	%
A82	Pre PID Frequency Setpoint	0352	850	R/W	0	0	A04	0.01	Hz
A83	PID Sleep Frequency Setpoint	0353	851	R/W	0	0	A04	0.01	Hz
A84	PID Sleep/Wake Delay Time	0354	852	R/W	0	0	300	0.1	sec
A85	PID Wake Frequency Setpoint	0355	853	R/W	0	0	A04	0.01	Hz
A86	User V/F setting frequency 1	0356	854	R/W	1500	0	A88	0.01	Hz
A87	User V/F setting voltage 1	0357	855	R/W	250	0	A89	0.1	%
A88	User V/F setting frequency 2	0358	856	R/W	3000	A86	A90	0.01	Hz
A89	User V/F setting voltage 2	0359	857	R/W	500	A87	A91	0.1	%
A90	User V/F setting frequency 3	035A	858	R/W	4500	A88	A92	0.01	Hz
A91	User V/F setting voltage 3	035B	859	R/W	750	A89	A93	0.1	%
A92	User V/F setting frequency 4	035C	860	R/W	6000	A90	A04	0.01	Hz
A93	User V/F setting voltage 4	035D	861	R/W	1000	A91	1000	0.1	%
A94	FAN fault Detection	035E	862	R/W	1	0	2		
A95	Deceleration time after DC injection braking	035F	863	R/W	0	0	10	0.1	sec

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
b01	Restart Select	0401	1025	R/W	0	0	3		
b02	Line Loss Ride-Through Time	0402	1026	R/W	10	3	100	0.1	sec
b03	Line Loss Ride-Through Run Delay	0403	1027	R/W	10	3	100	0.1	sec
b04	Motor Thermal Overload Level	0404	1028	R/W	1000	200	1200	0.1	%
b05	Motor Thermal Overload Profile	0405	1029	R/W	1	0	1		
b06	Overload/Overvoltage Restriction Mode	0406	1030	R/W	1	0	3		
b07	Overload Restriction Level	0407	1031	R/W	1800	200	2000	0.1	%
b08	Overload Restriction Deceleration Rate	0408	1032	R/W	100	1	100	0.1	sec
b09	Software Lock Mode	0409	1033	R/W	0	0	9999		
b10	Start Frequency Setpoint	040A	1034	R/W	50	10	A04	0.01	Hz
b11	PWM Carrier Frequency	040B	1035	R/W	500	75	1600		
b12	Initialization Mode	040C	1036	R/W	0	0	3		
b13	Country Code	040D	1037	R/W	0	0	2		
b14	RPM Display Scale Factor	040E	1038	R/W	100	1	9999	0.01	%
b15	Stop Key Function	040F	1039	R/W	0	0	1		
b16	Resume Frequency on FRS Cancellation	0410	1040	R/W	0	0	1		
b17	Modbus Node ID	0411	1041	R/W	1	1	32		
b18	Ground Fault Detection Setpoint	0412	1042	R/W	0	0	1000	0.1	%
b19	Speed Search: Current level	0413	1043	R/W	20	1	300	0.1	sec
b20	Speed Search: Voltage Increase	0414	1044	R/W	10	1	100	0.1	sec
b21	Speed Search: Voltage Decrease	0415	1045	R/W	1000	500	1800		
b22	Decel time at FRS	0416	1045	R.W	0	0	60000	0.1	sec
b23	Frequency Match	0417	1047	R/W	0	0	1		
b24	Fault Relay Select	0418	1048	R/W	0	0	3		
b25	Stop Method	0419	1049	R/W	0	0	1		
b26	HD/ND (Torque Type) Select	041A	1050	R/W	0	0	1		
b27	Input Phase Loss Detection Period	041B	1051	R/W	10	0	30		
b28	Communication Time Out Detection	041C	1052	R/W	0	0	60		
b29	Communication Time Out Detection Mode	041D	1053	R/W	0	0	1		
b30	Display at Power On	041E	1054	R/W	1	1	13		
b31	RXP-RXN terminal Com.Baud Rate	041F	1055	R/W	3	1	5		
b32	BRD Mode	0420	1056	R/W	1	0	2		
b33	BRD using ratio	0421	1057	R/W	100	0	500	0.1	%

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
b34	Maximum OVS output frequency	0422	1058	R/W	2000	0	30000	0.01	Hz
b35	OVS P gain	0423	1059	R/W	1000	0	10000		
b36	OVS I gain	0424	1060	R/W	100	0	10000		
b37	OVS D gain	0425	1061	R/W	100	0	10000		
b38	Q axis reference	0426	1062	R/W	0	-1000	1000	0.1	%
b39	Filter bandwidth	0427	1063	R/W	1	0	1000		
b40	Overvoltage suppression	0428	1064	R/W	0	0	2		
b41	Limit Time	0429	1065	R/W	5	0	1000	0.1	sec
b42	VFD start delay time after DC Injection braking	042A	1066	R/W	0	0	600	0.1	sec
b43	DC Injection braking time at start	042B	1067	R/W	0	0	60000	0.1	sec
b44	Current controller P gain in DC braking	042C	1068	R/W	500	1	10000		
b45	Current controller I Gain time in DC braking	042D	1069	R/W	500	0	10000		
b46	DC Injection braking force	042E	1070	R/W	500	0	1000	0.1	%
b49	Overload restriction level at acceleration & deceleration	0431	1073	R/W	1800	200	2000	0.1	%
b50	Droop control start freq.	0432	1074	R/W	0	0	A04	0.01	Hz
b51	Droop control standard freq.	0433	1075	R/W	6000	1000	A04	0.01	Hz
b52	Droop control gain	0434	1076	R/W	500	0	5000	0.01	%
b53	Droop star torque	0435	1077	R/W	0	0	1000	0.1	%
b54	Droop acceleration time	0436	1078	R/W	200	10	1000	0.1	sec
b55	Droop control mode	0437	1079	R/W	0	0	1		
b56	Motor load detection selection	0438	1080	R/W	0	0	6		
b57	Motor overload detection level	0439	1081	R/W	1000	200	2000	0.1	%
b58	Motor underload detection level	043A	1082	R/W	1000	200	2000	0.1	%
b59	Overload/Underload detection time	043B	1083	R/W	100	0	600	0.1	sec
b60	Overload/Underload detection safe zone	043C	1084	R/W	0	0	A04	0.01	Hz

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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
b61	Dwell frequency at start	043D	1085	R/W	0	0	A04	0.01	Hz
b62	Dwell time at start	043E	1086	R/W	0	0	100	0.1	sec
b63	Dwell frequency at stop	043F	1087	R/W	0	0	A04	0.01	Hz
b64	Dwell time at stop	0440	1088	R/W	0	0	100	0.1	sec
b65	KEB control selection	0441	1089	R/W	0	0	2		
b66	KEB control gain	0442	1090	R/W	100	1	1000	0.1	%
b67	Overcurrent selection	0443	1091	R/W	1	0	1		
b68	Hold time at running	0444	1092	R/W	0	0	600	0.1	sec
b69	Stop frequency setting	0445	1093	R/W	0	0	A04	0.01	Hz
b70	Hold time at stop	0446	1094	R/W	0	0	600	0.1	sec
b71	User parameter setting	0447	1095	R/W	1	1	12		
b72	User mathematical sign	0448	1096	R/W	0	0	3		
b73	Define user setting	0449	1097	R/W	100	1	60000	0.01	%



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Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
C01	Intelligent input terminal 1 setting	0501	1281	R/W	0	0	31		
C02	Intelligent input terminal 2 setting	0502	1282	R/W	1	0	31		
C03	Intelligent input terminal 3 setting	0503	1283	R/W	2	0	31		
C04	Intelligent input terminal 4 setting	0504	1284	R/W	3	0	31		
C05	Intelligent input terminal 5 setting	0505	1285	R/W	13	0	31		
C06	Intelligent input terminal 6 setting	0506	1286	R/W	14	0	31		
C07	Input terminal 1 a/b contact setting (NO/NC)	0507	1287	R/W	0	0	1		
C08	Input terminal 2 a/b contact setting (NO/NC)	0508	1288	R/W	0	0	1		
C09	Input terminal 3 a/b contact setting (NO/NC)	0509	1289	R/W	0	0	1		
C10	Input terminal 4 a/b contact setting (NO/NC)	050A	1290	R/W	0	0	1		
C11	Input terminal 5 a/b contact setting (NO/NC)	050B	1291	R/W	0	0	1		
C12	Input terminal 6 a/b contact setting (NO/NC)	050C	1292	R/W	0	0	1		
C13	Replay output(30A/30B/30C) terminal setting	050D	1293	R/W	5	0	12		
C14	Open collector output (11-CM2) terminal setting	050E	1294	R/W	1	0	12		
C15	Open collector output (12-CM2) terminal setting	050F	1295	R/W	0	0	12		
C16	Output terminal 11 - CM2 a/b contact setting	0510	1296	R/W	0	0	1		
C17	Output terminal 12 - CM2 a/b contact setting	0511	1297	R/W	0	0	1		
C18	FM output selection	0512	1298	R/W	0	0	6		
C19	FM gain adjustment	0513	1299	R/W	1000	0	2500	0.1	%
C20	FM offset adjustment	0514	1300	R/W	0	-30	100	0.1	%
C21	Overload advance notice signal level setting	0515	1301	R/W	1000	100	2000	0.1	%
C22	Acceleration arrival signal frequency setting	0516	1302	R/W	0	0	A04	0.01	Hz
C23	Deceleration arrival signal frequency setting	0517	1303	R/W	0	0	A04	0.01	Hz
C24	PID deviation level setting	0518	1304	R/W	100	0	1000	0.1	%
C25	AMI output selection	0519	1305	R/W	1	0	6		
C26	AMI gain adjustment	051A	1306	R/W	1000	0	2500	0.1	%
C27	AMI offset adjustment	051B	1307	R/W	0	-999	1000	0.1	%
C28	UP/Down value saving selection	051C	1308	R/W	0	0	1		
C29	Up/Down initial value setting	051D	1309	R/W	0	0	A04	0.01	Hz

FS : Factory Setting

\*Data Type is unsigned integer16

Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
C30	Up/Down Target Frequency Accel/decel time setting	051E	1310	R/W	100	1	30000	0.1	sec
C31	Up/Down function selection	051F	1311	R/W	0	0	1		
C32	Up/Down value setting	0520	1312	R/W	0	0	40000	0.01	%
C33	Decel time at fault occur	0521	1313	R/W	100	0	60000	0.1	sec
C34	Selection of running state when keypad connection failed	0522	1314	R/W	0	0	1		
C35	Selection of keypad detection	0523	1315	R/W	0	0	3		
C36	Selection of communication or analog speed command failure detection	0524	1316	R/W	0	0	3		
C37	Selection of run command when speed losing	0525	1317	R/W	0	0	3		
C38	Waiting time in case of frequency command loss	0526	1318	R/W	10	0	1200	0.1	sec
C39	Frequency setting in case of analog command loss	0527	1319	R/W	3000	0	A04	0.01	Hz
C40	Overload caution time	0528	1320	R/W	100	0	300	0.1	sec
C41	Current of external brake	0529	1321	R/W	1000	0	2000	0.1	%
C42	Frequency of external brake	052A	1322	R/W	1000	0	2500	0.01	Hz
C43	Timer of external brake	052B	1323	R/W	10	0	50	0.1	sec
C44	Stop frequency of external brake	052C	1324	R/W	1000	0	2500	0.01	Hz
C45	Stop timer of external brake	052D	1325	R/W	10	0	50	0.1	sec
C46	Changed Parameter Check	052E	1326	R/W	0	0	1		

# iMASTER C1 MANUAL

FS : Factory Setting

\*Data Type is unsigned integer16

Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
H01	Auto-tuning mode selection	0601	1537	R/W	0	0	1		
H02	Motor data selection	0602	1538	R/W	0	0	1		
H03	Motor capacity	0603	1539	R/W	0	0	35		
H04	Motor poles setting	0604	1540	R/W	4	2	48		
H05	Motor rated current	0605	1541	R/W	1	1	8000	0.1	Arms
H06	Motor no-load current (I <sub>o</sub> )	0606	1542	R/W	1	1	4000	0.1	Arms
H07	Motor rated slip	0607	1543	R/W	1	1	2000	0.01	Hz
H08	Motor Resistance R1	0608	1544	R/W	1	1	30000	0.1	%
H09	Transient Inductance	0609	1545	R/W	1	1	30000	0.001	%
H10	Motor ResistanceR1	060A	1546	R/W	1	1	30000	0.1	%
H11	Transient Inductance auto tuning data	060B	1547	R/W	1	1	30000	0.001	%
H12	State of Auto-tuning	060C	1548	R	0	0	6		

H03(Motor Capacity)  
 0:004LF,1:007LF,2:015LF,3:022LF,4:037LF,5:055LF,6:075LF,7:110LF,8:150LF,9:185LF,12:004HF,  
 13:007HF,14:015HF,15:022HF,16:037HF,17:055HF,18:075HF,19:110HF,20:150HF,21:185HF,22:220HF,  
 23:300HF,24:370HF,25:450HF,26:550HF,27:750HF,28:900HF,29:1100HF,30:1320HF,31:1600HF,32:2000HF

# iMASTER C1 MANUAL

FS : Factory Setting

\*Data Type is unsigned integer16

Code Number	Function Name	Address (Hex)	Address (Dec)	R/W attribute	Init. Value	Min. Value	Max. Value	Scale	Unit
O01	Fieldbus Option Type	0801	2049	R/W	0	0	4		
O02	Fieldbus Station Number	0802	2050	R/W	1	0	MaxFB		
O03	Fieldbus Byte Swap	0803	2051	R/W	0	0	1		
O08	Fieldbus Input Address 1	0808	2056	R/W	0x0603	0	65535		
O09	Fieldbus Input Address 2	0809	2057	R/W	0x0001	0	65535		
O10	Fieldbus Input Address 3	080A	2058	R/W	0x0202	0	65535		
O11	Fieldbus Input Address 4	080B	2059	R/W	0x0203	0	65535		
O12	Fieldbus Input Address 5	080C	2060	R/W	0x0201	0	65535		
O13	Fieldbus Input Address 6	080D	2061	R/W	0x0101	0	65535		
O14	Fieldbus Input Address 7	080E	2062	R/W	0x0102	0	65535		
O15	Fieldbus Input Address 8	080F	2063	R/W	0x010C	0	65535		
O16	Fieldbus Input Address 9	0810	2064	R/W	0x010D	0	65535		
O17	Fieldbus Input Address 10	0811	2065	R/W	0x0111	0	65535		
O18	Fieldbus Input Address 11	0812	2066	R/W	0x0115	0	65535		
O19	Fieldbus Input Address 12	0813	2067	R/W	0	0	65535		
O20	Fieldbus Output Address 1	0814	2068	R/W	0x0202	0	65535		
O21	Fieldbus Output Address 2	0815	2069	R/W	0x0203	0	65535		
O22	Fieldbus Output Address 3	0816	2070	R/W	0x0004	0	65535		
O23	Fieldbus Output Address 4	0817	2071	R/W	0x0002	0	65535		
O24	Fieldbus Output Address 5	0818	2072	R/W	0	0	65535		
O25	Fieldbus Output Address 6	0819	2073	R/W	0	0	65535		
O26	Fieldbus Output Address 7	081A	2074	R/W	0	0	65535		
O27	Fieldbus Output Address 8	081B	2075	R/W	0	0	65535		
O28	Fieldbus Output Address 9	081C	2076	R/W	0	0	65535		
O29	Fieldbus Output Address 10	081D	2077	R/W	0	0	65535		
O30	Fieldbus Output Address 11	081E	2078	R/W	0	0	65535		
O31	Fieldbus Output Address 12	081F	2079	R/W	0	0	65535		
O32	Fieldbus Status	0820	2080	R	0	1	65535		
O33	Fieldbus Version	0821	2081	R	0	1	65535		
O34	Fieldbus communication speed setting	0822	2082	R/W	0	0	4		

MaxFB : Modbus: 32,Profibus DP:125,DeviceNet63,Ethernet Series:63,CC-LINK:63