

Code				
F10XX F13XX				
1001		1 V f 2 10 1 11 2 40 V·f	1	1
1002	1	1 2 VRF 0 5V 3 VRF 0 10V 4 V/I 0 5V 5 V/I 0 10V 9 V/I 4 20mA 11 VRF +V/I 14 VRF -V/I 15 V/I -VRF 18 VRF +V/I 19 VRF -V/I 20 V/I -VRF 21 22 25 26 VRF 0 10V 5V 27 V/I 0 10V 5V	1	1
1003	V f	1 2 3	1	1
1004		0 20%	0.10%	1
1005		400V 0 AVR 50 460V	1V	1
1006		0.1 600Hz	0.01Hz	1
1007		5 600Hz	0.01Hz	50
1008		0.05 200Hz	0.01Hz	0.05
1009		1 1 2 2 3 3 4 4 5 130	1	1
1010		1 2 S 3	1	1
1011		1 120Hz	0.01Hz	1
1012	1	0 6500	0.1	2-1
1013	2	0 6500	0.1	2-2
1014	3	0 6500	0.1	2-3
1015	4	0 6500	0.1	2-4
1016	1	0 6500	0.1	2-5
1017	2	0 6500	0.1	2-6
1018	3	0 6500	0.1	2-7
1019	4	0 6500	0.1	2-8

Code				
1020	JOG	0 20	0.1	0.1
1021	JOG	0 60Hz	0.01Hz	5
1022	1S	0 200%	0.01	50
1023	1S	0 200%	0.01	50
1024	1S	0 100%	0.01	0
1025	1S	0 200%	0.01	50
1026	1S	0 200%	0.01	50
1027	1S	0 100%	0.01	0
1028	2S	0 200%	0.01	50
1029	2S	0 200%	0.01	50
1030	2S	0 100%	0.01	0
1031	2S	0 200%	0.01	50
1032	2S	0 200%	0.01	50
1033	2S	0 100%	0.01	0
1034	1 A	1	1	1
1035	1 B	2 VRF 0 5V		1
1036	1 C	3 VRF 0 10V 4 V/I 0 5V 5 V/I 0 10V 9 V/I 4 20mA 21 22 25 26 VRF 0 10V 5V 27 V/I 0 10V 5V		1
1037		0.1 10Hz/sec	0.1Hz	2.5
1038		0 () 1 OFF 2	1	0
1101		1 2 3 4:	1	1
1102		1 2 3 4:	1	1
1103		0.05 60Hz	0.01Hz	1
1104		0 20Hz	0.01Hz	0
1105		0 5	0.1	0
1106		0 120	0.1	0
1107		0.05 60Hz	0.01Hz	5
1108		0 1 2	1	0
1109		1 2 3	1	1
1110		1	1	1

Code				
		2		
1111		1 2 + 3 4	1	1
1112		0.05 20Hz	0.01Hz	0.5
1113		1 25	0.1	2
1114		1 10	1	5
1115		0 2 25%ED 98 99	1%ED	1
1116		0.01 10.00	0.01	0.1
1117		0 1 2	1	0
1118		0.05 60Hz	0.01Hz	0.5
1119	T1	0.1 6500.0	0.1	2
1120	T2	0.1 6500.0	0.1	2
1121	T3	0.1 6500.0	0.1	2
1122	F1	1 10	1	5
1123	F2	1 10	1	5
1124		0.01 4.00	1	1
1201	()	1 [Hz] 2 [A] 3 [rpm]. 4 [%] 5 [MPa] 6	1	1
1202		1 F1203 2 [V] 3 [V] 4 [kW] 5 [kVA]. 6 [] 7 [rpm] 8 PI D1 [Hz] 9 PI D2 [Hz] 10 VRF [Hz] 11 V/I [Hz] 14 [A] 15 [A] 17 [MPa] 18 [MPa] 19 [MPa] 20 29 [Hz] 35 [rpm] 44 [Hz] 45 [Hz]	1	3
1203		0 100	0.01	1

Code			
1301	1	0.01 Hz	0
1302	1	0.01 Hz	0
1303	2	0.01 Hz	0
1304	2	0.01 Hz	0
1305	3	0.01 Hz	0
1306	3	0.01 Hz	0
1307		1	0
1308		1	
1309	V f	1	0
1315		0.01	0
1316	2	0.01 Hz	50
1317	3	0.01 Hz	50
1318	ON/OFF	1	0
1319		1	1
1320		1	2
1401	VRF	0.1 Hz	0
1402	VRF	0.1 Hz	50
1403	V/I	0.1 Hz	0
1404	V/I	0.1 Hz	50
1410		1	0
1411		1	0
1412			

Code			
1414	DI 1	0	1 FR
1415	DI 2	2 RR	3 2DF
1416	DI 3	4 3DF	5 MBS
1417	DI 4	6 ES	7 RST
1418	DI 5	8 AD2	9 AD3
		10 JCG	11 5DF
		12 9DF	13 FR+JCG
		14 RR+JCG	15 FR+AD2
		16 RR+AD2	17 FR+AD3
		18 RR+AD3	19 FR+2DF
		20 RR+2DF	21 FR+3DF
		22 RR+3DF	23 FR+2DF+3DF
		24 RR+2DF+3DF	25 FR+AD2+2DF
		26 RR+AD2+2DF	27 FR+AD2+3DF
		28 RR+AD2+3DF	32 RR+AD3+2DF
		29 FR+AD2+2DF+3DF	34 RR+AD3+3DF
		30 RR+AD2+2DF+3DF	39 FR+5DF
		31 FR+AD3+2DF	64 FR+MBS
		33 FR+AD3+3DF	67 2DF+AD2
		35 FR+AD3+2DF+3DF	69 3DF+AD2
		36 RR+AD3+2DF+3DF	74 2MAX
		37 PTR	76 VFPI D
		40 HD	83
		65 RR+MBS	85 PI DL
		68 2DF+AD3	87 RPI D1
		70 3DF+AD3	89 PI D2EX
		75 3MAX	92 I CLEAR
		77 PI DLCK	114 1DFA
		79	116 1DFA+1DFB
		84 S2	118: RCOM,
		86 PI DH	120: 1DFA+ROPE,
		88 PI D1EX	
		91 I HOLD	
		115 1DFB	
		117 ROPE	
		118: RCOM,	
		119 ROPE+RCOM	
		121: 1DFB+RCOM,	
		130 RUN	
		131 STOP	
		135 FR/RR	
		136 R3W	
		137: ROPE+RCOM+R3W	

Code			
1424	V/I		1bit 10
1501		1	1 0
1502		1	0.01 1
1503		1	0.1V 0
1509	DOI		1 1

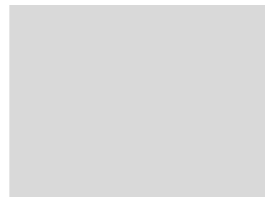
Code

Code

Code

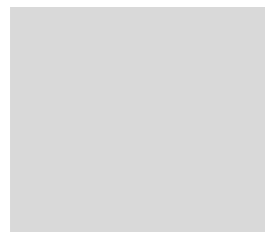
1512


1 1



1515 I out

0.01 1



		A			
1801					
1802					
1803					
1804			1	---	
1806	1			---	---
1807	2			---	---
1808	3			---	---
1809	4			---	---
1810	5			---	---
					
1902			1%		0
1903			1		10
2003	V/f	1		1V	0
2004	V/f	2		1V	0
2005	V/f	1		0.01Hz	20
2006	V/f	2		0.01Hz	40
2008			1		10
2009			0.01		1
2101	1		0	600Hz	0.01Hz

Code				
3017	PI D1	0 6000	0.1	0
3018	PI D1	0 6000	0.1	0
3019	PI D1	0 400Hz	0.01Hz	50
3101	PI D2	1	1	1
		2 VRF 0 5V		
		3 VRF 0 10V		
		4 V/I 0 5V		
		5 V/I 0 10V		
9 V/I 4 20mA				
11 F3117				
3102	PI D2	0	1	0
		1 VRF 0 5V		
		2 VRF 0 10V		
		3 V/I 0 5V		
		4 V/I 0 10V		
8 V/I 4 20mA				
10				
3103	PI D2	0 100	0.01	0.1
3104	PI D2	0.01 100	0.01	1
3105	PI D2	0 100	0.01	0
3106	PI D2	5 100%	0.001	100
3107	PI D2	1 500 1=10ms	1	10
3108	PI D2	5 100%	0.001	20
3109	PI D2	0 1 100%	0.001	100
3110	PI D2	0 1 100%	0.001	100
3111	PI D2	1 -	1	1
		2 -		
3112	PI D2	1	1	1
		2		
3113	PI D2	0 50	0.01	1
3114	PI D2	0 50	0.01	1
3115	PI D2 F3012=2	0 100	0.01	0.1
3116	PI D2 F3012=2	0.01 100	0.01	0.1
3117	PI D2	0 6000	0.1	0
3118	PI D2	0 6000	0.1	0
3119	PI D2	0 400Hz	0.01Hz	50
3123	PI D	1	1	1
		2		
3124	PI D	1	1	1
		2		
3125	PI D	1 100%	0.001	20
3127	PI D	0	0.01	2
		0.01 119.99 120		

Code				
3128	PI D	0 100	0.10%	100
3129	PI D	0 100	0.10%	0
3130	PI D	0 PI D	1	0
		1 PI D		
3131	PI D	0 100	1.00%	0.1
3132	PI D	0.01 100	0.01	0.1
3133	PI D	0 100	0.01	0
3134	PI D	0 240Hz	0.01Hz	10
3135	PI D	0 240Hz	0.01Hz	30
3201	PI D	0	1	0
		1 PI D1		
		2 PI D2		
		4 PI D		
		5 PI D		
3203	PI D	0 PI D	1	0
		1 PI D1		
		2 PI D2		
		4 PI D1 PI D2		
3204	PI D	1	1	1
		2 PI D		
		3 PI D		
3205	PI D	0	1	0
		1		
3206	PI D	0.01 100	0.01	1
3207	PI D1/PI D2	0.1 6000	0.1	0.1
3301	PI D1		100.00%	---
3302	PI D1		100.00%	---
3303	PI D1		100.00%	---
3304	PI D1		100.00%	---
3305	PI D2		100.00%	---
3306	PI D2		100.00%	---
3307	PI D2		100.00%	---
3308	PI D2		100.00%	---
F34XX				
3401		0	1	0
		1		
3402	T1	0.1 10	0.1	5
3403	K	30 95	1.00%	50
3404	TP	0.1 10	0.1	5
3405	Pref	0 9.999MPa	0.001MPa	0
3406		0 ± 9.999MPa	0.001MPa	1
3407		0 ± 9.999MPa	0.001MPa	0
3408	Ph	0.001 9.999MPa	0.001MPa	1
3409	PI	0 9.999MPa	0.001MPa	0
3410		0.001 9.999MPa	0.001MPa	0.1
3411		0.0-20.0%	0.10%	0
F40xx F41xx				
4001		0	1	1
		1		
4003	/	0	1	1
		1		

Code				
4004		10 6000ms	1ms	10
4005		0	1	0
		1		
		2 ModBus		
4006		0 254 Modbus	1	1
		1 32 RS485		
4007		1 1200bps	1	4
		2 2400bps		
		3 4800bps		
		4 9600bps		
4008		0	1	1
		1		
		2		
4009		1 1 2 2	1	1
4010		0 CR+LF 1 CR	1	0
4011		0	1	0
		1		
		2		
4101	ModBus	0 0.01 600	0.01	0
4102	ModBus	0	1	0
4103	Modbus	0 A	1	0
		1 B		
F5XXX				
5001		X Y ZZZ	-	1
		X		
		Y		
		Z		
5002		0.1 999.9A	0.1A	1
		30 110%		
5003		10 600Hz	1Hz	1
5004		0 24000 rpm	1rpm	1
5005		1 A	1	1
		2 E		
		3 B		
		4 F		
		5 H		
5006		0 F5001	1V	0
		100 460V		
5007		0 50%	0.10%	2
5008		0 50 300%	0.001	200
5009		55kW	0.001 65	0.001
		75kW		
5010		55kW	0.001 65	0.001
		75kW		
5011		55kW	0.1 6000mH	0.1mH
		75kW		

Code

Code

5014		0.01A	1
5015		0.001	1
5016		0.01	1

0	200%	150
0	150%	120

0	200%	100
0	150%	100

6005		0.01	1
------	--	------	---

6007		0.01	1
------	--	------	---

6009		0.01	1
------	--	------	---

6010	ASR	0.0001	1
------	-----	--------	---

6011	ASR	0.001	1
------	-----	-------	---

6017		0.001	30
------	--	-------	----

6018		0.1	1
------	--	-----	---

6019	2	0.0001	15
------	---	--------	----

24V

ACM

5k 0.3W +

24V

DC24V

D01

D0E

Vout

Iout

TRA

RS485+ +*

TRB

RS485- -*

SG

SG

JP2

100

FA

FB

FC

200V

L N R/L S/L1 T/L2