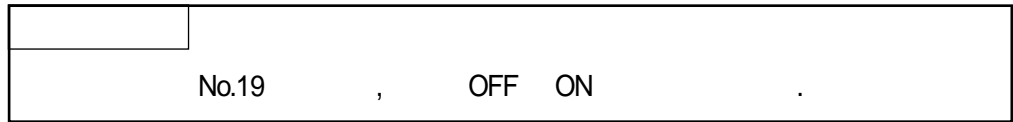


5

⚠ 주의

5. 1

5.1.1



MR - J2S - A
(No.0~19),

1(No.20~49),

2(No.50~84)

No.19

가 No.19 가

No.19		No.0 ~ 19	1 No.20 ~ 49	2 No.50 ~ 84
0000 ()			/	/
000A		No.19 No.19	/	/
000B			/	/
000C			/	/
000E			/	/
100B		No.19	/	/
100C		No.19	/	/
100E		No.19	/	/

5.1.2

	* 가	OFF
--	-----	-----

P:
S:
T:

(1)

No.						
0	*STY	.	P · S · T	0000		
1	*OP1	1	P · S · T	0002		
2	ATU		P · S	7kW : 0105 11kW : 0102		
3	CMX	()	P	1		
4	CDV	()	P	1		
5	INP		P	100	pulse	
6	PG1	1	P	7kW : 35 11kW : 19	rad/s	
7	PST	가 ()	P	3	ms	
8	SC1	1	S	100	r/min	
		1	T	100	r/min	
9	SC2	2	S	500	r/min	
		2	T	500	r/min	
10	SC3	3	S	1000	r/min	
		3	T	1000	r/min	
11	STA	가	S · T	0	ms	
12	STB		S · T	0	ms	
13	STC	S 가	S · T	0	ms	
14	TQC		T	0	ms	
15	*SNO		P · S · T	0		
16	*BPS	.	P · S · T	0000		
17	MOD		P · S · T	0100		
18	*DMD		P · S · T	0000		
19	*BLK		P · S · T	0000		

No.						
20	*OP2	2	P · S	0000		
21	*OP3	3()	P	0000		
22	*OP4	4	P · S · T	0000		
23	FFC		P	0	%	
24	ZSP		P · S · T	50	r/min	
25	VCM		S	(1) 0	(r/min)	
			T	(1) 0	(r/min)	
26	TLC		T	100	%	
27	*ENR		P · S · T	4000	pulse	
28	TL1	1	P · S · T	100	%	
29	VCO		S	(2)	mV	
			T	(2)	mV	
30	TLO		T	0	mV	
			S	0	mV	
31	MO1	1	P · S · T	0	mV	
32	MO2	2	P · S · T	0	mV	
33	MBR		P · S · T	100	ms	
34	GD2		P · S	70	0.1	
35	PG2	2	P	7kW :35 11kW :19	rad/s	
36	VG 1	1	P · S	7kW :177 11kW :96	rad/s	
37	VG2	2	P · S	7kW :817 11kW :455	rad/s	
38	VIC		P · S	48	ms	
39	VDC		P · S	980		
40				0		
41	*DIA	ON	P · S · T	0000		
42	*DI1	1	P · S · T	0003		
43	*DI2	2(CN1B - 5)	P · S · T	0111		
44	*DI3	3(CN1B - 14)	P · S · T	0222		
45	*DI4	4(CN1A - 8)	P · S · T	0665		
46	*DI5	5(CN1B - 7)	P · S · T	0770		
47	*DI6	6(CN1B - 8)	P · S · T	0883		
48	*DI7	7(CN1B - 9)	P · S · T	0994		
49	*DO1	1	P · S · T	0000		

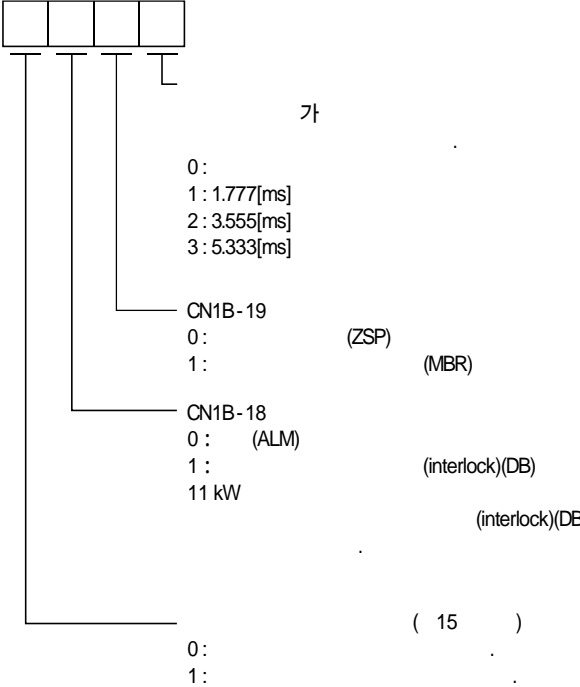
)

No.						
50					0000	
51	*OP6	6		P · S · T	0000	
52					0000	
53	*OP8	8		P · S · T	0000	
54	*OP9	9		P · S · T	0000	
55	*OPA	A		P	0000	
56	SIC			P · S · T	0	s
57					10	
58	NH1	1		P · S · T	0000	
59	NH2	2		P · S · T	0000	
60	LPF	.		P · S · T	0000	
61	GD2B		2	P · S	70	×0.1
62	PG2B	2		P	100	%
63	VG2B	2		P · S	100	%
64	VICB			P · S	100	%
65	*CDP			P · S	0000	
66	CDS			P · S	10	(3)
67	CDT			P · S	1	ms
68					0	
69	CMX2	2		P	1	
70	CMX3	3		P	1	
71	CMX4	4		P	1	
72	SC4	4		S	200	r/min
		4		T		
73	SC5	5		S	300	r/min
		5		T		
74	SC6	6		S	500	r/min
		6		T		
75	SC7	7		S	800	r/min
		7		T		
76	TL2	2		P · S · T	100	%
77					100	
78					10000	
79					10	
80					10	
81					100	
82					100	
83					100	
84					0	

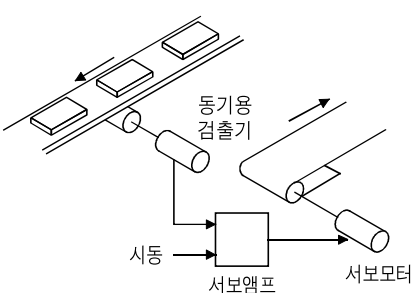
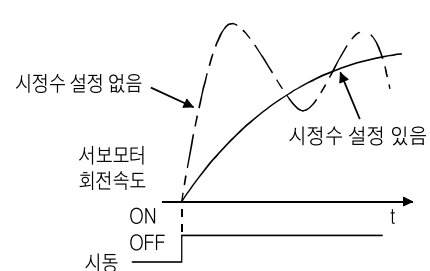
-) 1. "0" 가
- 2.
- 3. No.65

(2)

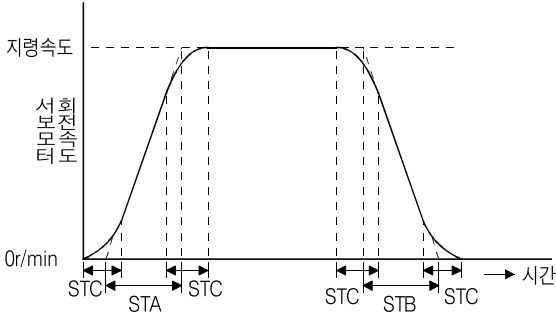
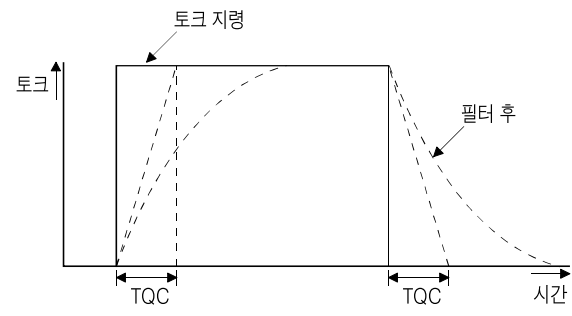
No.				
0	*STY	<div data-bbox="400 488 585 539" style="border: 1px solid black; display: inline-block; padding: 2px;"> <div style="display: inline-block; border-right: 1px solid black; padding: 0 5px;">0</div> <div style="display: inline-block; border-right: 1px solid black; padding: 0 5px;">0</div> <div style="display: inline-block; padding: 0 5px;"> </div> </div> <div style="margin-left: 150px;"> 0: _____ 1: _____ 2: _____ 3: _____ 4: _____ 5: _____ </div> <div style="margin-left: 150px;"> 00 : •7kW •11kW () </div> <div style="margin-left: 150px;"> 01 : FR-RC, FR-BU2, FR-CV 02 : MR-RB032 03 : MR-RB12 04 : MR-RB32 05 : MR-RB30 06 : MR-RB50() 08 : MR-RB31 09 : MR-RB51() 0E : 11kW UP </div> <div style="margin-left: 150px;"> MR-RB65, 66, 67 GRZG400-2 , GRZG400-1 , GRZG400-0.8 GRZG400-2 , GRZG400-1 , GRZG400-0.8 (11kW) </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <div style="border-bottom: 1px solid black; height: 20px; width: 100px;"></div> <p style="text-align: center;">가</p> <p>(AL37)</p> </div>	0000	P·S·T

No.						
1	*OP1	<p>1 · CN1B - 19</p>  <p>가</p> <p>0: 1: 1.777[ms] 2: 3.555[ms] 3: 5.333[ms]</p> <p>CN1B-19 0: (ZSP) 1: (MBR)</p> <p>CN1B-18 0: (ALM) 1: (interlock)(DB) 11 kW (interlock)(DB)</p> <p>(15)</p> <p>0: 1:</p>	0002			P·S·T

	No.																																																					
	2	<p style="text-align: center;">.(7)</p> <div style="display: flex; align-items: center; justify-content: center;"> <table border="1" style="margin-right: 20px;"> <tr><td>0</td><td></td><td>0</td><td></td></tr> </table> <div style="text-align: center;"> <p>가</p> <table border="1"> <tr><td>1</td><td>15Hz</td></tr> <tr><td>2</td><td>20Hz</td></tr> <tr><td>3</td><td>25Hz</td></tr> <tr><td>4</td><td>30Hz</td></tr> <tr><td>5</td><td>35Hz</td></tr> <tr><td>6</td><td>45Hz</td></tr> <tr><td>7</td><td>55Hz</td></tr> <tr><td>8</td><td>70Hz</td></tr> <tr><td>9</td><td>85Hz</td></tr> <tr><td>A</td><td>105Hz</td></tr> <tr><td>B</td><td>130Hz</td></tr> <tr><td>C</td><td>160Hz</td></tr> <tr><td>D</td><td>200Hz</td></tr> <tr><td>E</td><td>240Hz</td></tr> <tr><td>F</td><td>300Hz</td></tr> </table> <p>가</p> </div> </div> <p style="text-align: center;">(7.1.1)</p> <table border="1" style="margin-left: 20px;"> <tr><td>0</td><td></td><td>1(No.6)</td></tr> <tr><td>1</td><td>1</td><td></td></tr> <tr><td>2</td><td>2</td><td>No.34</td></tr> <tr><td>3</td><td>1</td><td></td></tr> <tr><td>4</td><td>2</td><td></td></tr> </table>	0		0		1	15Hz	2	20Hz	3	25Hz	4	30Hz	5	35Hz	6	45Hz	7	55Hz	8	70Hz	9	85Hz	A	105Hz	B	130Hz	C	160Hz	D	200Hz	E	240Hz	F	300Hz	0		1(No.6)	1	1		2	2	No.34	3	1		4	2		<p>7kW :0105</p> <p>11kW :0102</p>		P.S
0		0																																																				
1	15Hz																																																					
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0		1(No.6)																																																				
1	1																																																					
2	2	No.34																																																				
3	1																																																					
4	2																																																					
	3	<p>()</p> <p>5.2.1</p> <p>“0” HC-MFS 131072pulse가</p>	1	<p>0.1 ~ 65535</p>	P																																																	
	4	<p>()</p> <p>5.2.1</p>	1	<p>1 ~ 65535</p>	P																																																	

No.						
5	INP	<p>(INP)</p> <p>10mm, 가 131072pulse/rev, (CMX), (CDV)가 CMX/CDV=16384/125 100μm 가 "10"</p> $\frac{100[\mu\text{m}] \times 10^{-6}}{10[\text{mm}] \times 10^{-3}} \times 131072[\text{pulse/rev}] \times \frac{125}{16384} \times 10$	100	pulse	0 ~ 10000	P
6	PG1	<p>1</p> <p>1</p> <p>1.2 가</p>	7kW :35 11kW :19	red/s	4 ~ 2000	P
7	PST	<p>가 ()</p> <p>No.55 1 가</p> <p>가 0~10ms가 10ms 10ms</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>가 (No.0)</p> <p>(No.20)</p> <p>가</p> </div> <p>()</p>  	3	ms	0 ~ 20000	P

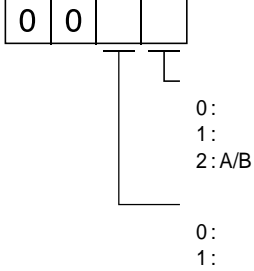
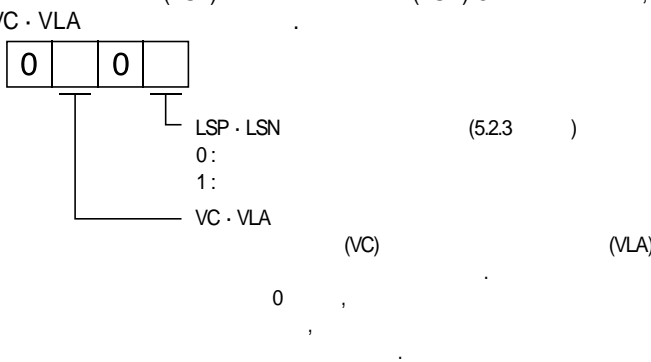
	No.						
	8	SC1	1 1 .	100	r/min	0 ~	S
			1 1 .				T
	9	SC2	2 2 .	500	r/min	0 ~	S
			2 2 .				T
	10	SC3	3 3 .	1000	r/min	0 ~	S
			3 3 .				T
11	STA	<p>가 가 1~7 , 0r/min</p> <p>회전속도 정격 회전속도 0 r/min 파라미터 No.11 설정값 파라미터 No.12 설정값 설정 한 지령속도가 정격 회전속도보다 낮은 경우, 가감속 시간은 짧아집니다. 가 3000r/min 0r/min 1000r/min 1s 가 3000(3s)</p>		ms	0 ~ 20000	S · T	
12	STB	0r/min 1~7 .					

No.						
13	STC	<p>S 가 S 가</p>  <p>지령속도 서보모터 0r/min 시간</p> <p>STA: 가 (No.11) STB: 가 (No.12) STC: S 가 (No.13) STA(가) STB(가) S 가 가</p> <p>가 $\frac{2000000}{STA}$, $\frac{2000000}{STB}$ () STA = 20000, STB = 5000, STC = 200</p> <p>가 : 100[ms] $\left(\begin{array}{l} \frac{2000000}{20000} = 100[ms] < 200[ms] \\ 100[ms] \end{array} \right)$: 200[ms] $\left(\begin{array}{l} \frac{2000000}{5000} = 400[ms] > 200[ms] \\ 200[ms]가 \end{array} \right)$</p>	0	ms	0 ~ 1000	S·T
14	TQC	<p>1</p>  <p>토크 지령 토크 필터 후 시간</p> <p>TQC:</p>	0	ms	0 ~ 20000	T
15	*SNO	<p>1 가 : 1</p>	0		0 ~ 31	P·S·T

No.																																											
16	*BPS	<p>0 : 9600[bps] 1 : 19200[bps] 2 : 38400[bps] 3 : 57600[bps]</p> <p>0 : 1 :</p> <p>0 : RS-232C 1 : RS-422</p> <p>0 : 1 : 800μs</p> <p>“0”가</p>	0000	P.S.T																																							
17	MOD	<p>1(MO1) . 2(MO2) (.5.3)</p> <table border="1"> <thead> <tr> <th></th> <th>2(MO2)</th> <th>1(MO1)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>($\pm 8V/$</td> <td>)</td> </tr> <tr> <td>1</td> <td>($\pm 8V/$</td> <td>)()</td> </tr> <tr> <td>2</td> <td>($\pm 8V/$</td> <td>)</td> </tr> <tr> <td>3</td> <td>($\pm 8V/$</td> <td>)()</td> </tr> <tr> <td>4</td> <td>($\pm 8V/$</td> <td>)</td> </tr> <tr> <td>5</td> <td>($\pm 10V/500kpps$)</td> <td></td> </tr> <tr> <td>6</td> <td>($\pm 10V/128pulse$)</td> <td></td> </tr> <tr> <td>7</td> <td>($\pm 10V/2048pulse$)</td> <td></td> </tr> <tr> <td>8</td> <td>($\pm 10V/8192pulse$)</td> <td></td> </tr> <tr> <td>9</td> <td>($\pm 10V/32768pulse$)</td> <td></td> </tr> <tr> <td>A</td> <td>($\pm 10V/131072pulse$)</td> <td></td> </tr> <tr> <td>B</td> <td>($\pm 8V/400V$)</td> <td></td> </tr> </tbody> </table> <p>8V No.28 - 76 8V</p>		2(MO2)	1(MO1)	0	($\pm 8V/$)	1	($\pm 8V/$)()	2	($\pm 8V/$)	3	($\pm 8V/$)()	4	($\pm 8V/$)	5	($\pm 10V/500kpps$)		6	($\pm 10V/128pulse$)		7	($\pm 10V/2048pulse$)		8	($\pm 10V/8192pulse$)		9	($\pm 10V/32768pulse$)		A	($\pm 10V/131072pulse$)		B	($\pm 8V/400V$)		0100	P.S.T
	2(MO2)	1(MO1)																																									
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B	($\pm 8V/400V$)																																										

	No.																			
	18	<p>*DMD</p> <div style="display: flex; align-items: center;"> <table border="1" style="border-collapse: collapse; margin-right: 10px;"> <tr> <td style="width: 20px; height: 20px; text-align: center;">0</td> <td style="width: 20px; height: 20px; text-align: center;">0</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> <div style="margin-left: 10px;"> <p>0: 1: 2: 3: 4: 5: (1) 6: (2) 7: 8: 9: A: B:1 C:1 D:ABS E: F: 1. 2. 0:</p> </div> </div> <div style="margin-top: 20px; margin-left: 100px;"> <table border="1" style="border-collapse: collapse;"> <tr><td style="width: 50px; height: 15px;"></td><td style="width: 50px; height: 15px;"></td></tr> <tr><td style="text-align: center;">/</td><td style="text-align: center;">/</td></tr> <tr><td style="text-align: center;">/</td><td style="text-align: center;">/</td></tr> <tr><td style="text-align: center;">/</td><td style="text-align: center;">/</td></tr> <tr><td style="text-align: center;">/</td><td style="text-align: center;">/</td></tr> </table> <p>1:</p> </div>	0	0					/	/	/	/	/	/	/	/	0000			P.S.T
0	0																			
/	/																			
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No.																																								
19	*BLK	<table border="1"> <thead> <tr> <th></th> <th>No.0 ~ 19</th> <th>No.20 ~ 49¹</th> <th>No.50 ~ 84²</th> </tr> </thead> <tbody> <tr> <td>000 ()</td> <td></td> <td></td> <td></td> </tr> <tr> <td>000A</td> <td>No.19 No.19</td> <td></td> <td></td> </tr> <tr> <td>000B</td> <td></td> <td></td> <td></td> </tr> <tr> <td>000C</td> <td></td> <td></td> <td></td> </tr> <tr> <td>000E</td> <td></td> <td></td> <td></td> </tr> <tr> <td>100B</td> <td>No.19</td> <td></td> <td></td> </tr> <tr> <td>100C</td> <td>No.19</td> <td></td> <td></td> </tr> <tr> <td>100E</td> <td>No.19</td> <td></td> <td></td> </tr> </tbody> </table>		No.0 ~ 19	No.20 ~ 49 ¹	No.50 ~ 84 ²	000 ()				000A	No.19 No.19			000B				000C				000E				100B	No.19			100C	No.19			100E	No.19			0000	P·S·T
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20	*OP2	<p>2</p> <p>(AL10) 가 가</p> <p>0: ((AL10))</p> <p>1: ()</p> <p>0: ()</p> <p>1: ()</p> <p>가 0r/min가</p> <p>No.2 가 "0400"</p> <p>0:</p> <p>1:</p>	0000	S																																				
					P·S																																			

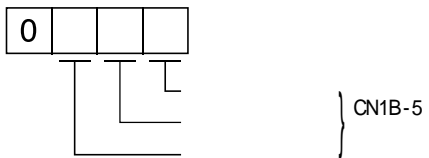
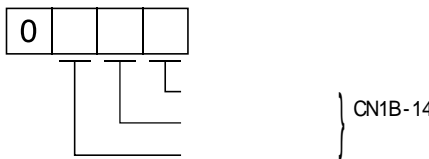
No.																		
21	*OP3	<p>3() .(3.41)</p> 	0000															
22	*OP4	<p>4 (LSP) · (LSN) OFF ,</p> <p>VC · VLA</p>  <table border="1" data-bbox="550 1142 1013 1332"> <thead> <tr> <th></th> <th>[ms]</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>1</td> <td>0.444</td> </tr> <tr> <td>2</td> <td>0.888</td> </tr> <tr> <td>3</td> <td>1.777</td> </tr> <tr> <td>4</td> <td>3.555</td> </tr> </tbody> </table>		[ms]	0	0	1	0.444	2	0.888	3	1.777	4	3.555	0000			P·S P·S·T
	[ms]																	
0	0																	
1	0.444																	
2	0.888																	
3	1.777																	
4	3.555																	
23	FFC	<p>100% 가 , 가 가</p> <p>가 1s 100% ,</p>	0	%	0 ~ 100	P												
24	ZSP	(ZSP)	50	r/min	0 ~ 10000	P·S·T												
25	VCM	<p>(VC) (10V) 가 .</p> <p>“ 0 ”</p>	0	r/min	0 1~50000	S												
		<p>(VLA) (10V) 가 .</p> <p>“ 0 ”</p>	0	r/min	0 1~50000	T												

No.												
26	TLC	$= 100[\%] \times \frac{50}{100}$ <p>(TC=±8V) +8V TC = +8V</p>	100	%	0 ~ 1000	T						
27	*ENR	<p>A·B 가 (A, B) 가</p> <p>No.54 A·B 1.3Mbps(4)가 1/4 가</p> <p>No.54 "0" ()</p> <p>1 = [pulse/rev]</p> <p>5600 A·B</p> <p>A·B = $\frac{5600}{4} = 1400[\text{pulse}]$</p> <p>No.54 "1"</p> <p>1 = $\frac{1}{8}$ [pulse/rev]</p> <p>8 A·B</p> <p>A·B = $\frac{131072}{8} \cdot \frac{1}{4} = 4906[\text{pulse}]$</p>	4000	pulse /rev	1 ~ 65535	P·S·T						
28	TL1	<p>$\frac{1}{1} = 100\%$</p> <p>"0"</p> <table border="1" data-bbox="379 1503 1050 1675"> <tr> <td>()TL</td> <td></td> </tr> <tr> <td>0</td> <td>1(No.28)</td> </tr> <tr> <td>1</td> <td>< 1: > 1: 1</td> </tr> </table> <p>() 0: SG OFF() 1: SG ON()</p> <p>(+8V) (3.41 (5))</p>	()TL		0	1(No.28)	1	< 1: > 1: 1	100	%	0~100	P·S·T
()TL												
0	1(No.28)											
1	< 1: > 1: 1											

No.							
29	VC0	(VC) VC 0V 가 , (ST1) ON CCW VC VC-LG 0V VC (.63)	mV	-999 ~ 999	S		
		(VLA) VC 0V 가 , (RS1) ON CCW VC VLA-LG 0V VC (.63)			T		
30	TL0	(TC)	0	mV	-999 ~ 999	T	
		(TLA)			S		
31	MO1	1 ch1 (MO1)	0	mV	-999 ~ 999	P·S·T	
32	MO2	2 ch2 (MO2)	0	mV	-999 ~ 999	P·S·T	
33	MBR	(Mb) (MBR) OFF	100	ms	0 ~ 1000	P·S·T	

No.								
34	GD2	(7.1.1)	1 0~1000	가	70	0.1	0 ~ 3000	P·S
35	PG2		2 1,2, 가	가	7kW : 35 11kW : 19	rad/s	0 ~ 1000	P
36	VG1		1 1,2, 가	가	7kW : 177 11kW : 96	rad/s	20 ~ 8000	P·S
37	VG2	가	2 가 1,2, 가	가	7kW : 817 11kW : 455	rad/s	20 ~ 20000	P·S
38	VIC		1,2, 가	가	48	ms	0 ~ 1000	P·S
39	VDC		ON		980		0 ~ 1000	P·S
40					0			

No.																			
41	*DIA	<p>SON · LSP · LSN ON ON</p> <p>0: ON ON/OFF 1: ON</p> <p>()</p> <p>0: ON/OFF 1: ON</p> <p>()</p> <p>0: ON/OFF 1: ON</p> <p>()</p>	0000		P·S·T ----- P·S														
42	*D11	<p>1 (CR)</p> <p>(LOP)</p> <p>No.0 / / / /</p> <table border="1"> <thead> <tr> <th></th> <th>No.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>CN1B - 5</td> </tr> <tr> <td>1</td> <td>CN1B - 14</td> </tr> <tr> <td>2</td> <td>CN1A - 8</td> </tr> <tr> <td>3</td> <td>CN1B - 7</td> </tr> <tr> <td>4</td> <td>CN1B - 8</td> </tr> <tr> <td>5</td> <td>CN1B - 9</td> </tr> </tbody> </table> <p>(CR)</p> <p>0: ON 1: ON</p>		No.	0	CN1B - 5	1	CN1B - 14	2	CN1A - 8	3	CN1B - 7	4	CN1B - 8	5	CN1B - 9	0003		P/S S/T T/P ----- P
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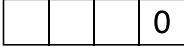
	No.																																																																							
43	*DI2	<p>2(CN1B-5) No.42 (LOP) CN1B-5 , CN1B-5 가</p>  <table border="1" data-bbox="391 784 1061 1299"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">()</th> </tr> <tr> <th>P</th> <th>S</th> <th>T</th> </tr> </thead> <tbody> <tr> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>SON</td> <td>SON</td> <td>SON</td> </tr> <tr> <td>2</td> <td>RES</td> <td>RES</td> <td>RES</td> </tr> <tr> <td>3</td> <td>PC</td> <td>PC</td> <td></td> </tr> <tr> <td>4</td> <td>TL</td> <td>TL</td> <td></td> </tr> <tr> <td>5</td> <td>CR</td> <td>CR</td> <td>CR</td> </tr> <tr> <td>6</td> <td></td> <td>SP1</td> <td>SP1</td> </tr> <tr> <td>7</td> <td></td> <td>SP2</td> <td>SP2</td> </tr> <tr> <td>8</td> <td></td> <td>ST1</td> <td>RS2</td> </tr> <tr> <td>9</td> <td></td> <td>ST2</td> <td>RS1</td> </tr> <tr> <td>A</td> <td></td> <td>SP3</td> <td>SP3</td> </tr> <tr> <td>B</td> <td>CM1</td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>CM2</td> <td></td> <td></td> </tr> <tr> <td>D</td> <td>TL1</td> <td>TL1</td> <td>TL1</td> </tr> <tr> <td>E</td> <td>CDP</td> <td>CDP</td> <td>CDP</td> </tr> </tbody> </table> <p>() P: S: T:</p>		()			P	S	T	0				1	SON	SON	SON	2	RES	RES	RES	3	PC	PC		4	TL	TL		5	CR	CR	CR	6		SP1	SP1	7		SP2	SP2	8		ST1	RS2	9		ST2	RS1	A		SP3	SP3	B	CM1			C	CM2			D	TL1	TL1	TL1	E	CDP	CDP	CDP	0111		P·S·T
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44	*DI3	<p>3(CN1B-14) CN1B-14 2(No.43) No.42 (LOP) CN1B-14 ,</p> 	0222		P·S·T																																																																			

No.						
45	*DI4	<p>4(CN1A - 8) CN1A - 8</p> <p>No.42 (LOP) CN1A - 8</p>	2(No.43)	0665	P.S.T	
46	*DI5	<p>5(CN1B - 7) CN1B - 7</p> <p>No.42 (LOP) CN1B - 7</p>	2(No.43)	0770	P.S.T	
47	*DI6	<p>6(CN1B - 8) CN1B - 8</p> <p>No.42 (LOP) CN1B - 8</p> <p>No.1 “ CN1B - 8 ABS (ABSM)가 .(15.5)”</p>	2(No.43)	0883	P.S.T	
48	*DI7	<p>7(CN1B - 9) CN1B - 9</p> <p>No.42 (LOP) CN1B - 9</p> <p>No.1 “ CN1B - 9 ABS (ABSR)가 .(15.5)”</p>	2(No.43)	0994	P.S.T	

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49	*DO1	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1 (WNG)</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0</div> </div> <div style="text-align: center;"> <p>(BWNG)</p> </div> </div> <div style="text-align: center;"> <p>(AL37)</p> <p>•CN1B-19 (MBR)</p> </div> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td></td> <td style="text-align:center;">CN1B-19</td> <td style="text-align:center;">CN1A-18</td> <td style="text-align:center;">CN1A-19</td> </tr> <tr> <td style="text-align:center;">0</td> <td style="text-align:center;">ZSP</td> <td style="text-align:center;">INP SA</td> <td style="text-align:center;">RD</td> </tr> <tr> <td style="text-align:center;">1</td> <td></td> <td></td> <td></td> </tr> </table> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align:center;">()</td> </tr> <tr> <td style="text-align:center;">CN1B-19</td> <td style="text-align:center;">CN1A-18</td> <td style="text-align:center;">CN1A-19</td> <td></td> </tr> <tr> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">88888</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.12 1</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.13</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.15 2</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.17</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.19 3</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.37</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.8A</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.8E</td> </tr> <tr> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">1</td> <td style="text-align:center;">AL.30</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.33</td> </tr> <tr> <td style="text-align:center;">0</td> <td style="text-align:center;">1</td> <td style="text-align:center;">0</td> <td style="text-align:center;">AL.10</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.45</td> </tr> <tr> <td style="text-align:center;">0</td> <td style="text-align:center;">1</td> <td style="text-align:center;">1</td> <td style="text-align:center;">AL.46</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.50 1</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.51 2</td> </tr> <tr> <td style="text-align:center;">1</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">AL.24</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.32</td> </tr> <tr> <td style="text-align:center;">1</td> <td style="text-align:center;">0</td> <td style="text-align:center;">1</td> <td style="text-align:center;">AL.31</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.35</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.52</td> </tr> <tr> <td style="text-align:center;">1</td> <td style="text-align:center;">1</td> <td style="text-align:center;">0</td> <td style="text-align:center;">AL.16 1</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.1A</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.20 2</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align:center;">AL.25</td> </tr> </table> <p>() 0: OFF 1: ON (WNG)</p> <div style="text-align: center;"> <p>3 (AL37)</p> <table border="1" style="margin: auto; 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51	*OP6	<p>6 (RES) ON ()</p> <p>0 0 0</p> <p>0: OFF 1: OFF</p>	0000		P.S.T																		
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53	*OP8	<p>8</p> <p>0 0</p> <p>0: (가) 1: (가)</p> <p>0: 1:</p>	0000		P.S.T																		
54	*OP9	<p>9</p> <table border="1"> <tr> <td></td> <td>()</td> <td>()</td> </tr> <tr> <td>0</td> <td>CCW</td> <td>CW</td> </tr> <tr> <td>1</td> <td>CW</td> <td>CCW</td> </tr> </table> <p>A · B</p> <table border="1"> <tr> <td></td> <td>CCW</td> <td>CW</td> </tr> <tr> <td>0</td> <td>A상 B상</td> <td>A상 B상</td> </tr> <tr> <td>1</td> <td>A상 B상</td> <td>A상 B상</td> </tr> </table> <p>(No.27)</p> <p>0: 1:</p>		()	()	0	CCW	CW	1	CW	CCW		CCW	CW	0	A상 B상	A상 B상	1	A상 B상	A상 B상	0000		P.S.T
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55	*OPA	<p>A 가 (No.7)</p> <p>0 0 0</p> <p>가 0:1 1: 가</p>	0000			P																																																																												
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58	NH1	<p>1 (.8.1)</p> <p>0</p> <p>(No.60: 1 2) "00"</p> <table border="1"> <tr><td>00</td><td></td><td>08</td><td>562.5</td><td>10</td><td>281.3</td><td>18</td><td>187.5</td></tr> <tr><td>01</td><td>4500</td><td>09</td><td>500</td><td>11</td><td>264.7</td><td>19</td><td>180</td></tr> <tr><td>02</td><td>2250</td><td>0A</td><td>450</td><td>12</td><td>250</td><td>1A</td><td>173.1</td></tr> <tr><td>03</td><td>1500</td><td>0B</td><td>409.1</td><td>13</td><td>236.8</td><td>1B</td><td>166.7</td></tr> <tr><td>04</td><td>1125</td><td>0C</td><td>375</td><td>14</td><td>225</td><td>1C</td><td>160.1</td></tr> <tr><td>05</td><td>900</td><td>0D</td><td>346.2</td><td>15</td><td>214.3</td><td>1D</td><td>155.2</td></tr> <tr><td>06</td><td>750</td><td>0E</td><td>321.4</td><td>16</td><td>204.5</td><td>1E</td><td>150</td></tr> <tr><td>07</td><td>642.9</td><td>0F</td><td>300</td><td>17</td><td>195.7</td><td>1F</td><td>145.2</td></tr> </table> <table border="1"> <tr><td>0</td><td></td><td>-40dB</td></tr> <tr><td>1</td><td>~</td><td>-14dB</td></tr> <tr><td>2</td><td></td><td>-8dB</td></tr> <tr><td>3</td><td></td><td>-4dB</td></tr> </table>	00		08	562.5	10	281.3	18	187.5	01	4500	09	500	11	264.7	19	180	02	2250	0A	450	12	250	1A	173.1	03	1500	0B	409.1	13	236.8	1B	166.7	04	1125	0C	375	14	225	1C	160.1	05	900	0D	346.2	15	214.3	1D	155.2	06	750	0E	321.4	16	204.5	1E	150	07	642.9	0F	300	17	195.7	1F	145.2	0		-40dB	1	~	-14dB	2		-8dB	3		-4dB	0000			P.S.T
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59	NH2	<p>2</p> <p>0</p> <p>No.58 "00"</p> <p>No.58</p>	0000			P.S.T																																																																												

No.							
60	LPF	<p style="text-align: center;">(8)</p>  <p>0: () 1:</p> <p>1kW $\frac{VG2}{2 \times (1+GD2)} \times \frac{10}{0.1} \text{ [Hz]}$ </p> <p>2kW $\frac{VG2}{2 \times (1+GD2)} \times \frac{5}{0.1} \text{ [Hz]}$ </p> <p>1(" " " ") No.58 가 </p> <p>0: 1:</p> <p>2:</p> <p>0: 1:</p>	0000			P·S·T	
61	GD2B	2		70	0.1	0 ~ 3000	P·S
62	PG2B	2	2	100	%	10 ~ 200	P
63	VG2B	2	2	100	%	10 ~ 200	P·S
64	VICB			100	%	50 ~ 1000	P·S

No.						
65	*CDP	<p>(.83)</p> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0 0 0</div> <p>No.61-64</p> <p>0: . 1: (CDP) ON 2: 가 No.66 3: 가 No.66 4: 가 No.66</p>	0000			P·S
66	CDS	<p>No.68) (. .)</p> <p>(8.5)</p>	10	kpps pulse r/min	10 ~ 9999	P·S
67	CDT	<p>No.65, 66 ,)</p> <p>(.85)</p>	1	ms	0 ~ 100	P
68			0			
69	CMX2	<p>2 . " 0 "</p>	1		0.1 ~ 65535	P
70	CMX3	<p>3 . " 0 "</p>	1		0.1 ~ 65535	P
71	CMX4	<p>4 . " 0 "</p>	1		0.1 ~ 65535	P
72	SC4	<p>4 .</p>	200	r/min	0 ~	S
		<p>4 .</p>				T
73	SC5	<p>5 .</p>	300	r/min	0 ~	S
		<p>5 .</p>				T

	No.						
74	SC6	6	500	/	0 ~	S	
		6				T	
75	SC7	7	800		0 ~	S	
		7				T	
76	TL2	2 =100% "0" .(3.4.1 (5))	100	%	0 ~ 100	P.S.T	
77	/		100	/	/	/	
78	/		10000	/	/	/	
79	/		10	/	/	/	
80	/		10	/	/	/	
81	/		100	/	/	/	
82	/		100	/	/	/	
83	/		100	/	/	/	
84	/		0	/	/	/	