

제5장 파라미터

⚠ 주의

MRConfigurator()
 가 OFF ON
 가

5. 1 파라미터 기록 금지

No.40

(No.12~26) (No.27~40) (No1~11)
 No.40
 No.40 OFF ON
 No.40

			MR Configuator (-)
0000 ()		No.1~39	No.1~11 · 40
000A		No.1~39	No.40
000C		No.1~39	No.1~40 No.1~11 · 40
000E		No.1~39	No.1~40
100E		No.1~39	No.1~40 No.40

5. 2 일람표

		* 가	OFF
		가	(b*)가
		OFF	

(1)

No.					
1	*AMS		0000		
2	*REG		0000		
3			0080		
4			0000		
5			1		
6	*FBP		0		
7	*POL		0		
8	ATU		0001		
9	RSP		7kW : 0105 11kW : 0102		
10	TLP	(2)	300	%	
11	TLN	(2)	300	%	

)

5. 파라미터

No.					
12	GD2	()		7.0	
13	PG1	1		7kW :35 11kW :19	rad/s
14	VG1	1		7kW :177 11kW :96	rad/s
15	PG2	2		7kW :35 11kW :19	rad/s
16	VG2	2		7kW :817 11kW :455	rad/s
17	VIC			48	ms
18	NCH	1()		0000	
19	FFC			0	%
20	INP			100	pulse
21	MBR			0	ms
22	MOD			0001	
23	*OP1	1		0000	
24	*OP2	2		0000	
25	LPF	.		0000	
26				0	
27	MO1	1		0	mV
28	MO2	2		0	mV
29				0001	
30	ZSP			50	r/min
31	ERZ			80	(3)0.025rev
32	OP5	5		0000	
33	*OP6	6		0000	
34	VPI	PI - PID		0	pulse
35				0	
36	VDC			980	
37				0010	
38	*ENR			4000	pulse/rev
39				0	
40	*BLK	(2)		0000	

-) 1.
- 2.
- 3. 0.025rev

B1

B1

0.1rev

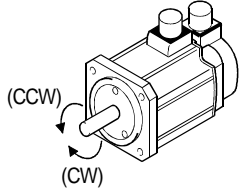
5. 파라미터

No.					
41				500	
42				0000	
43				0111	
44				20	
45				50	
46				0	
47				0	
48				0	
49	*CDP			0000	
50	CDS			10	()
51	CDT			1	Ms
52	GD2B		2	7.0	
53	PG2B		2	100	%
54	VG2B		2	100	%
55	VICB			100	%
56				0000	
57				0000	
58				0000	
59				0000	
60	*OPC		C	0000	
61	NH2		2	0000	
62				0000	
63				400	
64				100	
65				1	
66				1	
67				0	
68				0	
69				0	
70				0	
71				0	
72				0	
73				0	
74				0	
75				0	

) 1. No.49 .

(2)

No.					
1	*AMS	<div style="border: 1px solid black; display: inline-block; padding: 2px;">0 0 0</div> 0: () 1: ()	0000		
2	*REG	<div style="border: 1px solid black; display: inline-block; padding: 2px;">0</div> 00 : • 7kW (, MR-J2S-10B) • 11kW 01 : FR-RC, FR-BU, FR-CV 05 : MR-RB32 08 : MR-RB30 09 : MR-RB50 0B : MR-RB31 0C : MR-RB51 0E : 11kW UP 10 : MR-RB032 11 : MR-RB12 0 : 1 : MR-J2S-11 KB “1” MR - RB65, 66, 67 GRZG400 - 2 , GRZG400 - 1 , GRZG400 - 0.8 GRZG400 - 0.8 , GRZG400 - 2 , GRZG400 - 1 , (11kW)	0000		
3			0080		
4			0000		
5			1		

No.																				
7	*FBP	<p>1</p> <table border="1"> <thead> <tr> <th></th> <th>[ms]</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>16384</td> </tr> <tr> <td>1</td> <td>8192</td> </tr> <tr> <td>6</td> <td>32768</td> </tr> <tr> <td>7</td> <td>131072</td> </tr> <tr> <td>255</td> <td></td> </tr> </tbody> </table>		[ms]	0	16384	1	8192	6	32768	7	131072	255		0					
	[ms]																			
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1	8192																			
6	32768																			
7	131072																			
255																				
7	*POL	<p>0 : 가 (CCW) 1 : 가 (CW)</p> 	0																	
8	ATU	<p>0 0 0</p> <p>(6.1.1)</p> <table border="1"> <tbody> <tr> <td>0</td> <td></td> <td>1(No.13)</td> </tr> <tr> <td>1</td> <td>1</td> <td></td> </tr> <tr> <td>2</td> <td>2</td> <td>No.12</td> </tr> <tr> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>4</td> <td>2</td> <td></td> </tr> </tbody> </table>	0		1(No.13)	1	1		2	2	No.12	3	1		4	2		0001		
0		1(No.13)																		
1	1																			
2	2	No.12																		
3	1																			
4	2																			

No.																																			
9	RSP	<div style="border: 1px solid black; display: inline-block; padding: 2px;">0 0 0</div> <table border="1" style="margin-left: 100px;"> <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>	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	7kW : 0105 11kW : 0102		
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11	TLN	=100% MR Configurator(-)	300	%	0 ~ 500																														
12	GD2	() 1 () 가	7.0		0 ~ 300.0																														
13	PG1	1 1 · 2 가	7kW : 35 11kW : 19	rad/s	4 ~ 2000																														
14	VG1	1 가 1, 2, 1 가	7kW : 177 11kW : 96	rad/s	20 ~ 8000																														
15	PG2	2 가 1, 2, 1 가	7kW : 35 11kW : 19	rad/s	1 ~ 1000																														

5. 파라미터

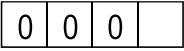

No.																																																																																				
16	VG2	가 2, 가 1, 2, 가	가	7kW : 817 11kW : 455	rad/s 20 ~ 20000																																																																															
17	VIC	가 1, 2, 가	가	7kW : 48 11kW : 91	rad/s 1 ~ 1000																																																																															
18	NCH	1() (7.2) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <table border="1" style="width: 100%; text-align: center;"> <tr><td>0</td><td></td><td></td><td></td></tr> </table> </div> <table border="1" style="width: 100%; text-align: center; margin: 10px 0;"> <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" style="width: 100%; text-align: center; margin: 10px 0;"> <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>	0				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	
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3		-4dB																																																																																		
19	FFC	100% 가, 가 1s	가	0	% 0 ~ 100																																																																															
20	INP	(INP) No.6 (No.6 : 1) 10 mm, 8192pulse/rev 가 ±10 μm, "8"		100	pulse 0 ~ 50000																																																																															
21	MBR	(Tb) (MBR) OFF가		0	ms 1 ~ 1000																																																																															

No.																																												
22	MOD	<p>(.5.3)</p> <table border="1"> <thead> <tr> <th></th> <th>2(M02)</th> <th>1(M01)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>(±8V/)</td> <td></td> </tr> <tr> <td>1</td> <td>(±8V/) ()</td> <td></td> </tr> <tr> <td>2</td> <td>(±8V/)</td> <td></td> </tr> <tr> <td>3</td> <td>(±8V/) ()</td> <td></td> </tr> <tr> <td>4</td> <td>(±8V/)</td> <td></td> </tr> <tr> <td>5</td> <td>(±10V/500kpps)</td> <td></td> </tr> <tr> <td>6</td> <td>(±10V/128pulse)</td> <td></td> </tr> <tr> <td>7</td> <td>(±10V/2048pulse)</td> <td></td> </tr> <tr> <td>8</td> <td>(±10V/8192pulse)</td> <td></td> </tr> <tr> <td>9</td> <td>(±10V/32768pulse)</td> <td></td> </tr> <tr> <td>A</td> <td>(±10V/131072pulse)</td> <td></td> </tr> <tr> <td>B</td> <td>(±8V/400V)</td> <td></td> </tr> </tbody> </table> <p>8V</p>		2(M02)	1(M01)	0	(±8V/)		1	(±8V/) ()		2	(±8V/)		3	(±8V/) ()		4	(±8V/)		5	(±10V/500kpps)		6	(±10V/128pulse)		7	(±10V/2048pulse)		8	(±10V/8192pulse)		9	(±10V/32768pulse)		A	(±10V/131072pulse)		B	(±8V/400V)		0001		
	2(M02)	1(M01)																																										
0	(±8V/)																																											
1	(±8V/) ()																																											
2	(±8V/)																																											
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A	(±10V/131072pulse)																																											
B	(±8V/400V)																																											
23	*OP1	<p>1</p> <p>0: ((EM1)) 1: ((EM1)) ON</p>	0000																																									
24	*OP2	<p>2</p> <p>No.8 "0002"</p> <p>0: 1:</p> <p>0: 1:</p> <p>가 가 가</p> <p>MR Configurator(-)</p> <p>(4.4 (1)(d))</p>	0000																																									

5. 파라미터

No.					
25	LPF	<p>0: ()</p> <p>1: 가</p> <p>1kW $\frac{VG2 \times 10}{2 \times (1+GD2 \times 0.1)} \text{ [Hz]}$ </p> <p>2kW $\frac{VG2 \times 5}{2 \times (1+GD2 \times 0.1)} \text{ [Hz]}$ </p> <p>0: “ ” “ ”</p> <p>1: 1(No.58) 가</p> <p>2: , ,</p> <p>0: .</p> <p>1: .</p>	0000		
26				0	
27	M01	1 ch1 (M01)		0	mV -999 ~ 999
28	M02	2 ch2 (M02)		0	mV -999 ~ 999
29				0	
30	ZSP	(ZSP)		50	r/min 0 ~ 10000
31	ERZ	0.025rev B1 B1 0.1rev		80	() 0.025rev 1 ~ 1000

5. 파라미터

No.					
32	OP5	<p>5</p> <p>PI - PID</p>  <p>PI - PID 0 : PI 가 1 : (No.34) 2 : PID 가</p>	0000		
33	*OP6	<p>6</p>  <p>0 : 9600[bps] 1 : 19200[bps] 2 : 38400[bps] 3 : 57600[bps]</p> <p>0 : 1 : 800µs</p> <p>(No.38)</p> <p>0 : 1 : a</p>	0000		
34	VPI	<p>PI - PID</p> <p>PI PID ()</p> <p>No.32 "0001" , .</p>	0	pulse	0 ~ 50000
35			0		
36	VDC		980		0 ~ 1000
37			0010		

No.																													
38	*ENR	<p>A·B 가 (A, B) .</p> <p>No.54 A·B 4 1/4 가 .</p> <p>1.3Mbps(4)가 .</p> <p>No.54 “0” ()</p> <p>1 = [pulse/rev]</p> <p>5600 , A·B</p> <p>A·B = $\frac{5600}{4} = 1400$[pulse]</p> <p>No.54 “1”</p> <p>1 = $\frac{1}{8}$ [pulse/rev]</p> <p>8 , A·B</p> <p>A·B = $\frac{131072}{8} \cdot \frac{1}{4} = 4906$[pulse]</p>	4000	pulse/rev	0 ~ 65535																								
39			0																										
40	*BLK	<table border="1"> <thead> <tr> <th></th> <th></th> <th></th> <th>MR Configuator (-)</th> </tr> </thead> <tbody> <tr> <td>0000 ()</td> <td></td> <td>No.1~39</td> <td>No.1~11·40</td> </tr> <tr> <td>000A</td> <td></td> <td>No.1~39</td> <td>No.40</td> </tr> <tr> <td>000C</td> <td></td> <td>No.1~39</td> <td>No.1~40 No.1~11·40</td> </tr> <tr> <td>000E</td> <td></td> <td>No.1~39</td> <td>No.1~40</td> </tr> <tr> <td>100E</td> <td></td> <td>No.1~39</td> <td>No.1~40 No.40</td> </tr> </tbody> </table>				MR Configuator (-)	0000 ()		No.1~39	No.1~11·40	000A		No.1~39	No.40	000C		No.1~39	No.1~40 No.1~11·40	000E		No.1~39	No.1~40	100E		No.1~39	No.1~40 No.40	0000		
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5. 파라미터

No.					
41				500	
42				0000	
43				0111	
44				20	
45				50	
46				0	
47				0	
48				0	
49	*CDP	<p>.(7.5)</p> <div style="border: 1px solid black; display: inline-block; padding: 2px;">0 0 0</div> <p style="margin-left: 20px;">└</p> <p>No.51~55</p> <p>0: .</p> <p>1: (CDP)가 ON</p> <p>2: 가 No.50</p> <p>3: 가 No.50</p> <p>4: 가 No.50</p>	0000		
50	CDS	No.49 (.) .(7.5)	10	kpps pulse r/min	0 ~ 9999
51	CDT	No.49, 50 .(7.5)	1	ms	0 ~ 100
52	GD2B	2	7.0		0 ~ 300.0
53	PG2B	2 , 2	100	%	10 ~ 200
54	VG2B	2 , 2	100	%	10 ~ 200
55	VICB	, .	100	%	50 ~ 1000
56				0000	
57				0000	
58				0000	
59				0000	

No.																																																																																				
60	*OPC	<p>C</p> <div style="text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr> <td style="width: 20px; height: 20px;">0</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;">0</td> <td style="width: 20px; height: 20px;">0</td> </tr> </table> </div> <p style="text-align: center;">A . B</p> <table border="1" style="margin: 0 auto;"> <thead> <tr> <th></th> <th colspan="2">CCW</th> <th colspan="2">CW</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0</td> <td>A상 </td> <td>B상 </td> <td>A상 </td> <td>B상 </td> </tr> <tr> <td style="text-align: center;">1</td> <td>A상 </td> <td>B상 </td> <td>A상 </td> <td>B상 </td> </tr> </tbody> </table>	0		0	0		CCW		CW		0	A상	B상	A상	B상	1	A상	B상	A상	B상	0000																																																														
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61	NH2	<p>2</p> <p style="text-align: center;">. (7.2)</p> <div style="text-align: center;"> <table border="1" style="margin: 0 auto;"> <tr> <td style="width: 20px; height: 20px;">0</td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> </table> </div> <p style="text-align: center;">(No.25 : 1 2)</p> <p style="text-align: center;">"00"</p> <table border="1" style="margin: 0 auto;"> <tbody> <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> </tbody> </table> <table border="1" style="margin: 0 auto;"> <tbody> <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> </tbody> </table>	0				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	
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