

!! !!

- 1.
2. 가
3 가 LED(Charge Lamp) 가
3. 400V , DC FUSE 가 POWER PCB
FUSE 가 OPEN KEYPAD 가 DISPLAY
3 ~ 5 POWER PCB LED(Charge
Lamp)가 FUSE
4. STARVERT-iG 가
가 A/S
- 5.
6. Power B1, B2

● STARVERT - iG

1.

1.1

1.2

1.3

1.4

2.

2.1 Power

2.2

2.3

3.

3.1

3.2

4.

5.

5.1 Main Group

5.2 Function Group 1

5.3 Function Group 2

5.4

6.

7.

7.1

7.2

7.3

8. Option

8.1

8.2

9. Option

9.1 Option

9.2 Option Code

STARVERT - iG (200V)

		SV008iG-1U	SV015iG-1U	SV022iG-2U	SV037iG-2U
		SV008iG-2U(S)	SV015iG-2U		
	[HP]	1	2	3	5
	[kW]	0.75	1.5	2.2	3.7
	[kVA]	1.9	2.9	4.2	6.1
	[A]	5.0	7.5	11.0	16.0
		400 Hz			
		: 200~220 V, 3 : 200~230V			
		/3 200 ~ 230 V (± 10 %)			
		50 ~ 60 Hz (± 5 %)			
		PWM			
		0.01 Hz			
		Digital : 0.01 %, Analog : 0.1 %			
	V/F	Linear, 2 , User V/F			
		100%	50%	20%	20%
		150 % 1			
		0 ~ 20 % 가			
		Key/ 가			
		Analog : 0 ~ 10 V , 4 ~ 20 mA, 가			
	가	0.1 ~ 999 (1, 2 가 가)			
		8 가			
		P1,P2,P3			
		MO (, , ,)			
		, , , , , , , , CPU Error			
		15 msec : 15 msec : 가			
		-10 ~ 40			
		90 % ()			
		1,000 m			

STARVERT - iG (400V)

		SV008iG-4U	SV015iG-4U	SV022iG-4U	SV037iG-4U
	[HP]	1	2	3	5
	[kW]	0.75	1.5	2.2	3.7
	[kVA]	1.9	3.0	4.2	6.1
	[A]	2.5	4.0	5.5	8.0
		400 Hz			
		380 ~ 460 V			
		3 380 ~ 460 V (± 10 %)			
		50 ~ 60 Hz (± 5 %)			
		PWM			
		0.01 Hz			
		Digital : 0.01 %, Analog : 0.1 %			
	V/F	Linear, 2 , User V/F			
		100%	50%	20%	20%
		150 % 1			
		0 ~ 20 % 가			
		Key/ 가			
		Analog : 0 ~ 10 V , 4 ~ 20 mA, 가			
	가	0.1 ~ 999 (1, 2 가 가)			
		8 가			
		P1,P2,P3			
		MO (, , ,)			
		, , , , , , , ,			
		CPU Error			
		15 msec : 15 msec : 가			
		-10 ~ 40			
		90 % ()			
		1,000 m			

1.

1.1

●

-

가?

-

가?

●

●

LG

STARVERT

●

가

●

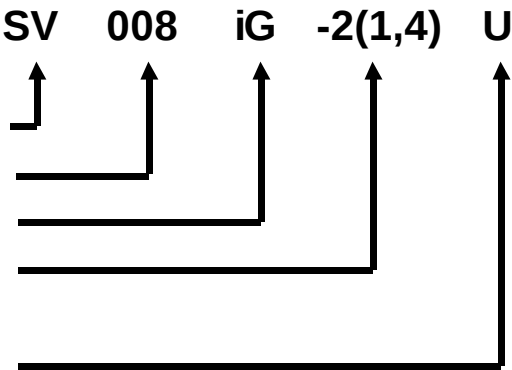
●

:1(200V), 2(200V 3)

4(400V 3)

●

UL/CE



1.2

●

가 STARVERT-iG

●

-10 ~ 40 :

가 40 가

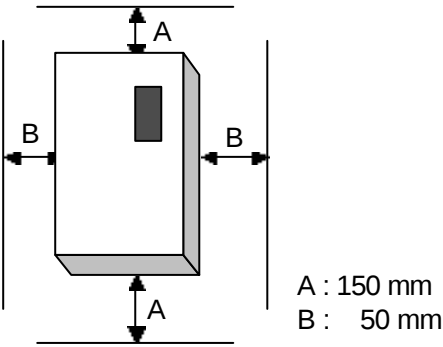
●

가 , , 가 ,

1.3

●

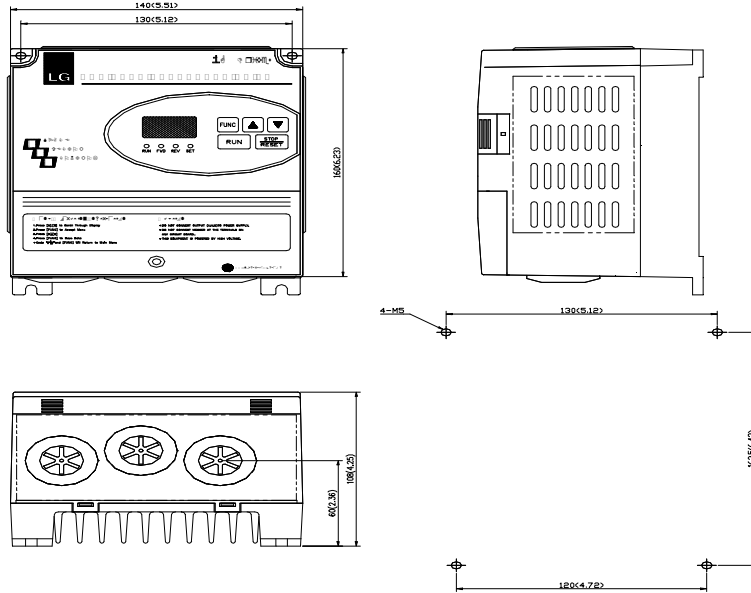
50 mm, 150 mm



1.4

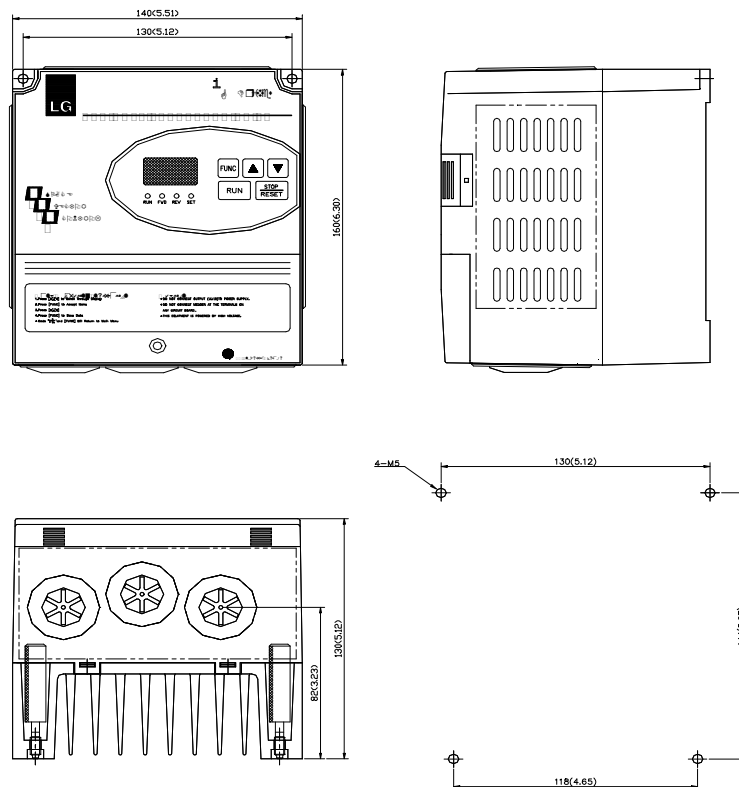
- Type 1 : SV008iG-2U(S)

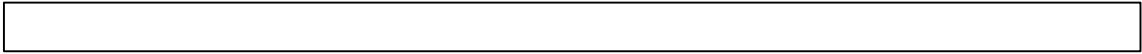
3.5lbs(1.6kg) / Unit : mm(inches)



- Type 2 : SV008iG-1U/SV008iG-2U/SV015iG-2U

4.2lbs(1.9kg) / Unit : mm(inches)



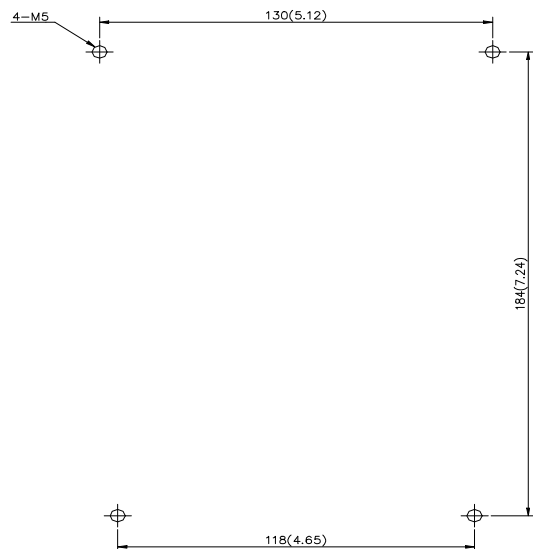
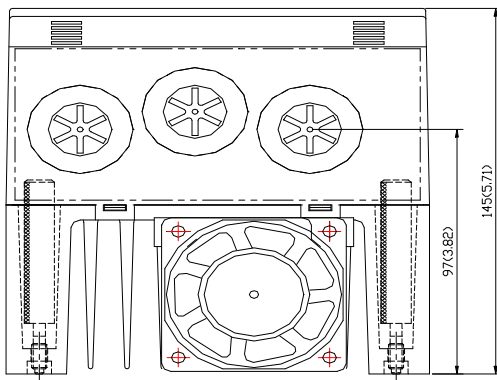
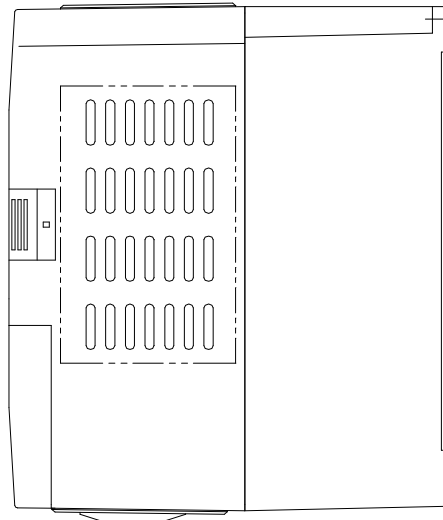
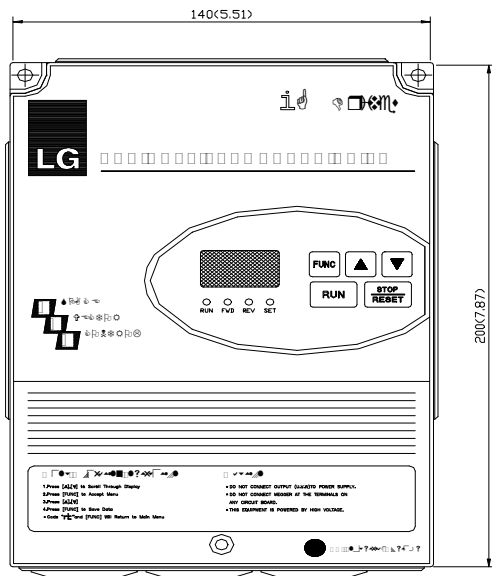


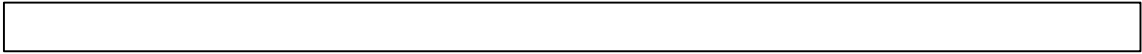
- Type 3 : SV015iG-1U/SV022iG-2U/SV037iG-2U/
SV008iG-4U/SV015iG-4U

5.9lbs(2.7kg)

6.4lbs(2.9kg)

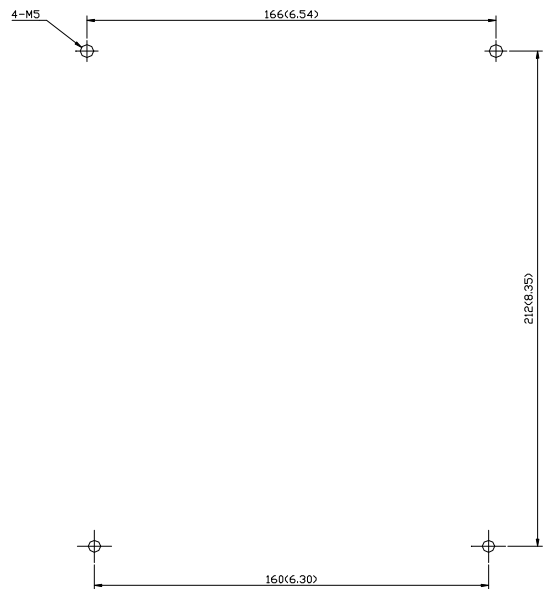
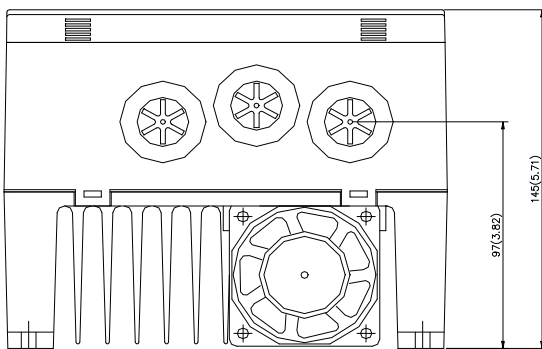
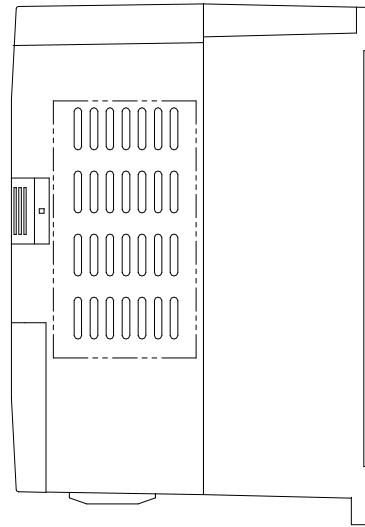
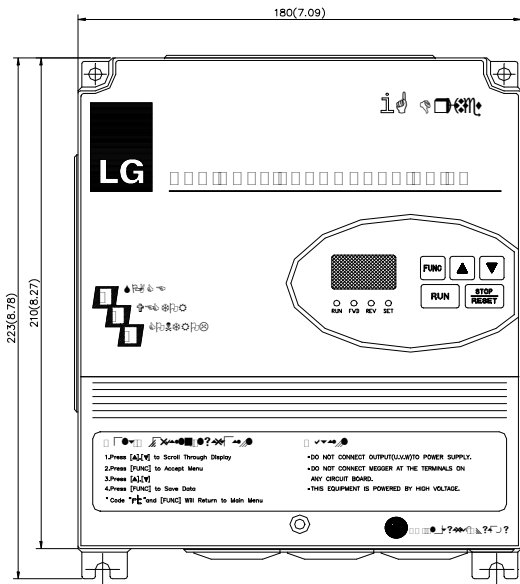
Unit : mm(inches)





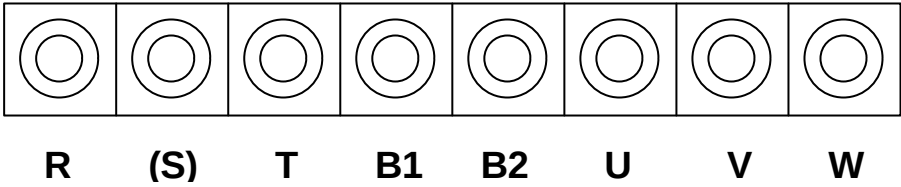
- Type 4 : SV022iG-4U/SV037iG-4U

7.6lbs(3.45kg) / Unit : mm(inches)



2.

2.1 Power



R	:
(S)	
T	
B1	(Short)
B2	
U	3 ,
V	
W	

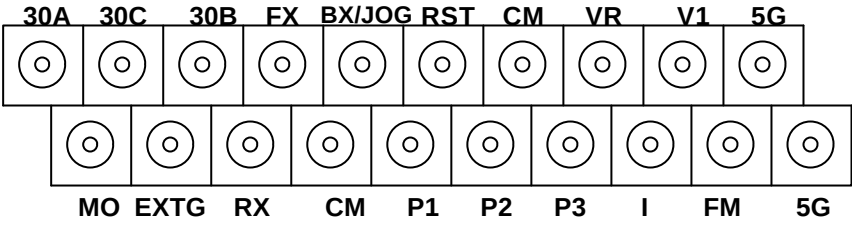
:

가

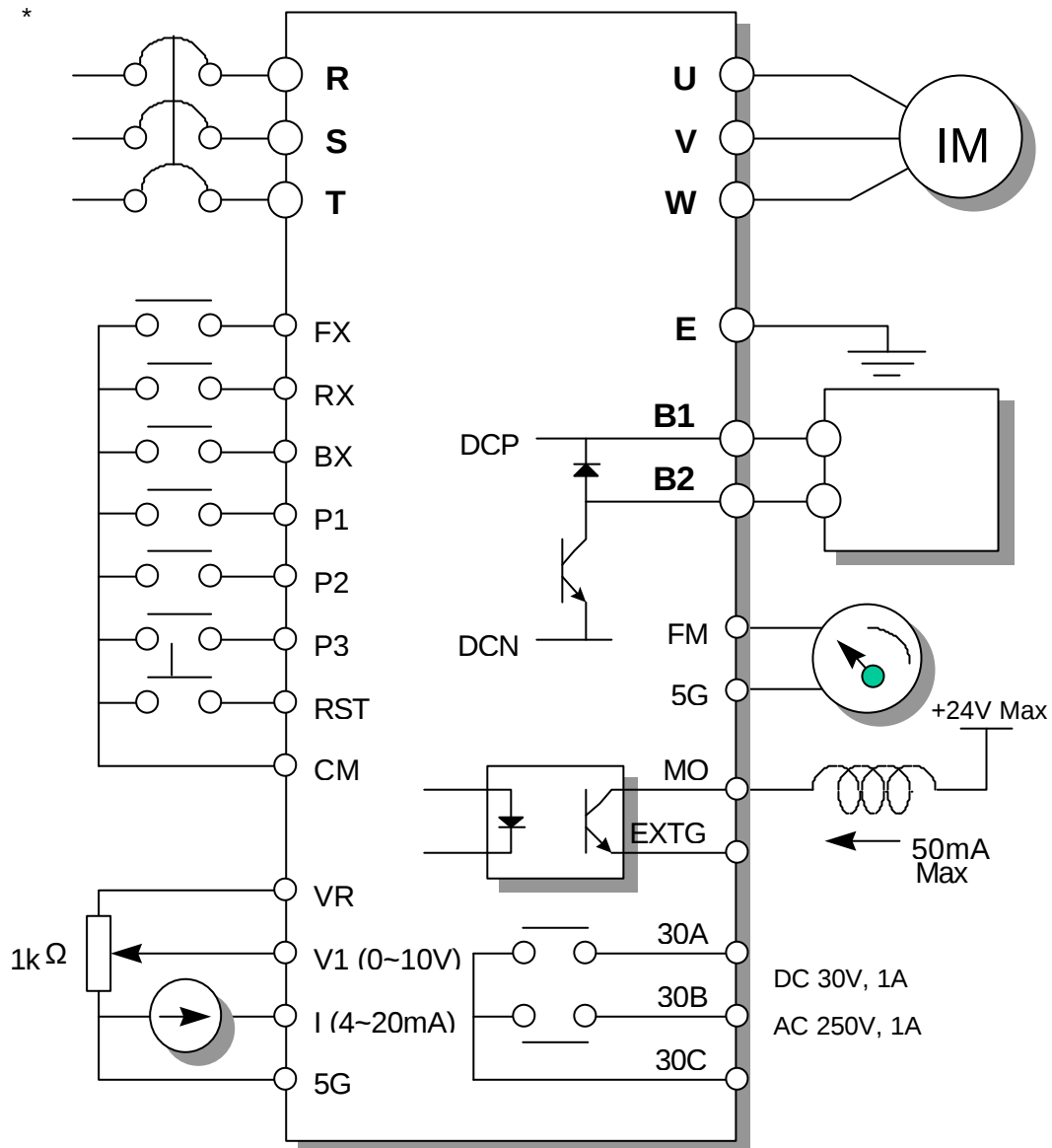
“ E ”



2.2



VR	(+11 VDC)
V1	(0 ~ +10 V)
I	(4 ~ 20 mA)
FM	,
5G	V1, I, FM Common
FX	
RX	
BX/JOG	/JOG
RST	
P1	1 (“ ”)
P2	2 (“ ”)
P3	3 (“ ”)
CM	FX,RX,BX,P1,P2,P3,RST Common
MO	(“ ”)
EXTG	MO Common
30A	(A)
30B	(B)
30C	(Common)

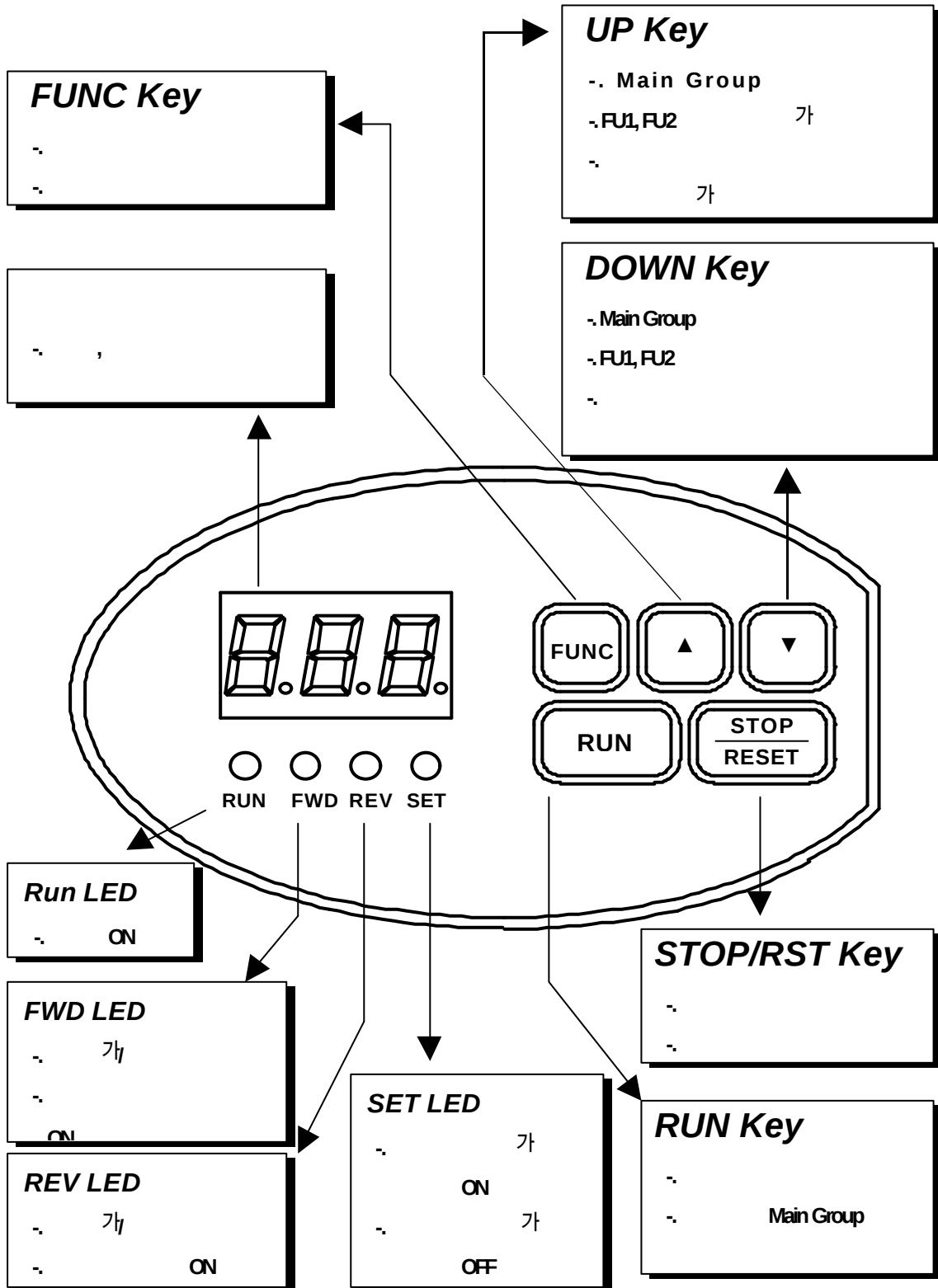


*

1. 220V : SV008/015iG-1(R-T)
2. 220V 3 : SV008/015/022/037iG-2
3. 440V 3 : SV008/015/022/037iG-4

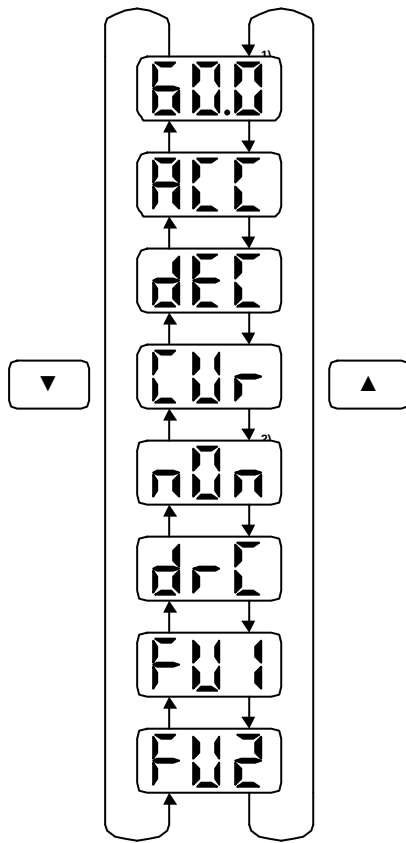
3.

3.1



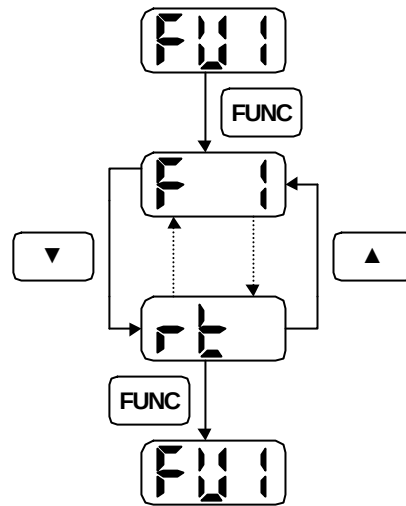
3.2

- Main Group

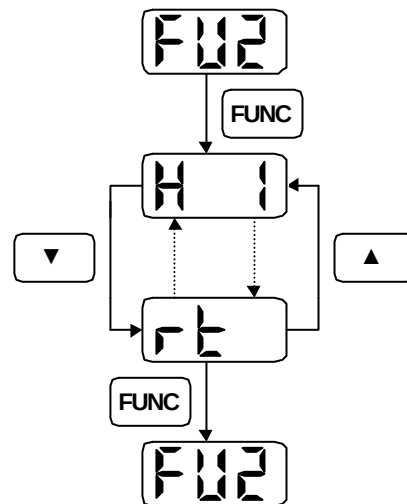


¹⁾ Main Group
(1) 가
²⁾ 가 nOn

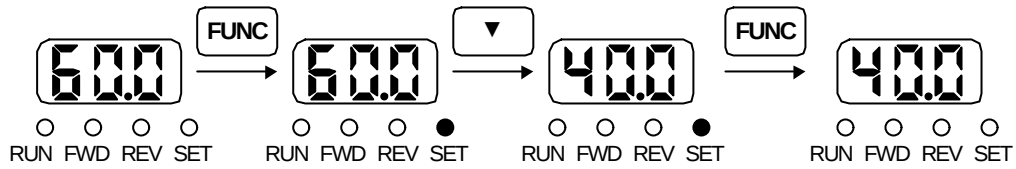
- Function Group 1



- Function Group 2



- Main Group

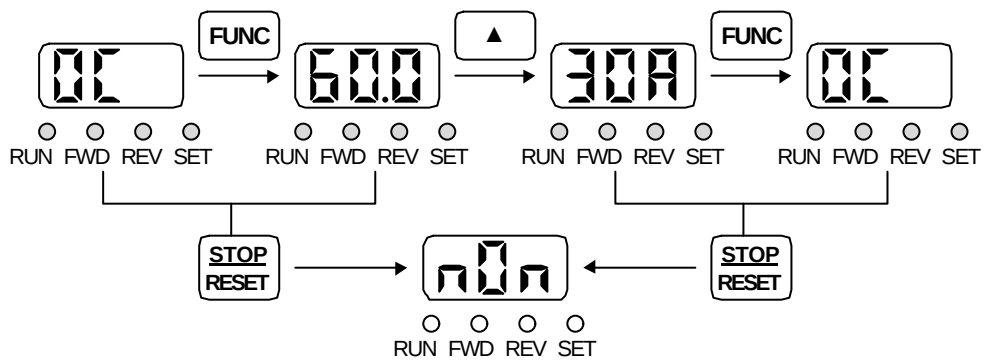


가

- Main Group (.)



- Main Group (.)

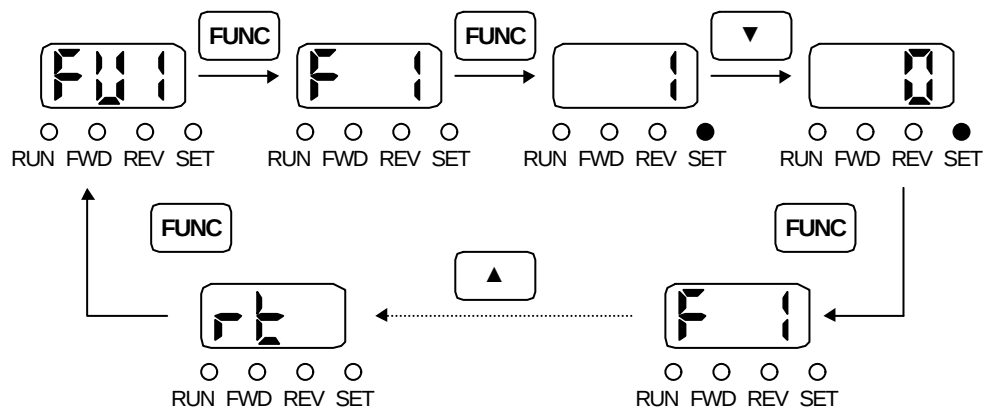


Main Group, ▲ ▼ Key

LED 4

STOP/RESET Key, LED OFF

- Function Group 1(2)



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4.

Main Group

Display	Function	Range	Remarks	F ¹⁾	Unit	R ²⁾	Page
60.0		0.00 ~ 400	, 1	60.0	Hz	Y	20
ACC	1 가	0 ~ 999	1 가 (H10)	15.0	sec	N	20
dEC	1	0 ~ 999	1 (H11)	20.0	sec	N	20
Cur		0.0 ~ 60.0	(F35)	0.0	A	X	21
nOn	Trip Display	OC,Ov,Lv, OLt,OH, EtH,EXt, bX,CPU	, .	nOn		X	21
drC	Motor	F, r	RUN/STOP (F2)	F		N	21
FU1	Function Group 1	1 ~ 58	,	1		Y	22-40
FU2	Function Group 2	1 ~ 21		1		Y	41-45

1)

2) 가 (Y: 가 ,N: 가,X: 가)

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Function Group 1

Display	Function	Range	Remarks	F	Unit	R	Page
F 1		0 ~ 1	0 : Digital, 1: Analog (F18)	0	Hz	N	22
F 2	Run/Stop	0 ~ 2	0 : Loader 1 : Fx = FWD, Rx = REV 2 : Fx = Run/Stop, Rx = REV/FWD	1		N	22
F 3		0.01 ~ 5.00		0.2	Hz	N	23
F 4		40.0 ~ 400		60.0	Hz	N	23
F 5		40.0 ~ 400		60.0	Hz	N	23
F 6	V/F Pattern	0 ~ 2	0 : Linear, 1 : 2.0 2 : User V/F (F14)	0		N	23 - 24
F 7	Hold Time	0.0 ~ 10.0	DC	0.0	sec	N	24
F 8	FWD Boost	0 ~ 20	FWD Torque Boost	2	%	Y	25
F 9	REV Boost	0 ~ 20	REV Torque Boost	2	%	Y	25
F 10	Acc. Pattern	0 ~ 1	0 : Linear, 1 : S curve	0		N	25
F 11	Dec. Pattern	0 ~ 1	0 : Linear, 1 : S curve	0		N	25
F 12	Level	50 ~ 110	100%	100	%	N	26
F 13	Mode	0 ~ 2	0 : 1 : DC (F 27) 2 : Free-Run	0		N	26
F 14	User V/F Freq. 1	0 ~ 400	- Freq.1 Volt. 1 Freq.2 Volt. 2 - 100 % :	5.00	Hz	N	26
F 15	User V/F Volt. 1	0 ~ 100		16	%	N	26
F 16	User V/F Freq. 2	0 ~ 400		30.0	Hz	N	26
F 17	User V/F Volt. 2	0 ~ 100		50	%	N	26
F 18	Analog Mode	0 ~ 2	0 : (DC 0 ~ 10 [V]) 1 : (DC 4 ~ 20 [mA]) 2 : +	0		N	27
F 19	Analog Filter Gain	1 ~ 200	Analog	100	%	N	28
F 20	Analog Gain	50 ~ 100	Analog Boost	100	%	N	28

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Function Group 1

Display	Function	Range	Remarks	F	Unit	R	Page
F 21	Analog Bias	0 ~ 100	Analog Bias	0	%	N	28
F 22	Analog	0 ~ 1	0 : Direct (10v) 1 : Inverse (0v)	0		N	29
F 23	Limit	0 ~ 400	가	60.0	Hz	N	29
F 24	Limit	0 ~ 400	가	0.00	Hz	N	29
F 25	Jump	0 ~ 400	가	0.00	Hz	N	30
F 26	Jump Band	0 ~ 30.0	Jump Band	0.00	Hz	N	30
F 27	DC	0.00 ~ 20.0	DC (F13)	5.00	Hz	Y	31
F 28	DC	0 ~ 20	%	5	%	Y	31
F 29	DC Block Time	0.0 ~ 5.0	DC Free Run Time	0.0	sec	Y	31
F 30	DC	0.0 ~ 20.0	DC	2.0	sec	Y	31
F 31	Slip	0 ~ 1	Slip (1: Active)	0		Y	32
F 32	Motor Slip	0.00 ~ 5.00	Motor	3.00	Hz	Y	32
F 33	Motor	0.1 ~ 60.0	Motor	3.6	A	Y	32
F 34	Motor	0.1 ~ 60.0	Motor	1.6	A	Y	32
F 35		08.1 ~ 40.2 04.4 ~ 40.4	08.1(2):0.75kW 200V (3) 37.4:3.7kW 400V 3 *SV008IG-2U(S):08.2 *04.2(4),40.2(4):	08.2		N	32
F 36	Retry Number	0 ~ 10	Trip Reset 가	0		Y	33
F 37	Retry Time	0.0 ~ 10.0	Retry	0.5	sec	Y	33
F 38	Relay Mode	0 ~ 3	0 : Lv Retry 1 : Lv Trip 2 : Retry 3 : Trip	0		Y	33
F 39	Stall Mode	0 ~ 7	0 : Stall 1 : 가 , 2 : , 3 : 가 + , 4 : , 5 : 가 + , 6 : + , 7 : 가 + +	0		Y	34

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Function Group 1

Display	Function	Range	Remarks	F	Unit	R	Page
F 40	Stall Level	30 ~ 170	Stall Mode (100% :)	170	%	Y	34
F 41	Over Load Level	30 ~ 150	(H2), 100% :	150	%	Y	35
F 42	Over Load Time	0.1 ~ 30.0		10.0	sec	Y	35
F 43	Over Current Time	0 ~ 60.0	180% "Olt" Trip	60.0	sec	Y	35
F 44	ETH	0 ~ 1	Thermal ("1")	1		Y	36
F 45	ETH Level	30 ~ 150	Level 가 "ETH" Trip 60Hz / 1	150	%	Y	36
F 46	Motor Type	0 ~ 1	0 : General, 1 : Special	0		Y	36
F 47		0 ~ 1	Speed Search	0		Y	37
F 48		0.1 ~ 10.0	Speed Search 가	2.0	sec	Y	37
	Acc. Time						
F 49		0.1 ~ 10.0	Speed Search	2.0	sec	Y	37
	Dec. Time						
F 50		0.0 ~ 5.0	Speed Search Free Run Time	0.0	sec	Y	37
	Block Time						
F 51	Reset Restart	0 ~ 1		0		Y	38
F 52	Power On Start	0 ~ 1		1		Y	38
F 53	Carrier	3 ~ 15	3 : 3K-Hz, 15 : 15K-Hz *SV008IG-2S 3K-Hz	3	K-Hz	N	39
F 54	Parameter Read	0 ~ 1	1 : Loader Parameter Copy "0"	0		N	39
F 55	Parameter Write	0 ~ 1	1: Loader Parameter Copy "0"	0		N	39
F 56	Parameter Initialize	0 ~ 1	1: Parameter "0"	0		N	39
F 57	Parameter Lock	U(L) 0 ~ 99	U: Unlock , Password : 12 L: Lock , Password : 12	U0		N	40
F 58	AVR	0 ~ 1	1:	1		N	40
rt			Main Group			X	

Display	Function	Range	Remarks	F	Unit	R	Page
H 1	Multi-Input Mode	0 ~ 3	0: 8 Step (P1, P2, P3) 1: 4 Step (P1, P2) + (P3) 2: 4 Step (P1, P2) + 2 가 (P3) 3: 2 Step (P1) + 2 가 (P2) + (P3) (H3~H11)	0		N	41
H 2	Multi-Output Mode	0 ~ 5	0: (B) 1: (A) 2: Stall 3: Over Load 4: Low -Voltage(Lv) 5: Run/Stop	0		N	42
H 3	Step 2	0 ~ 400		10.0	Hz	Y	42
H 4	Step 3	"		20.0	Hz	Y	42
H 5	Step 4	"		30.0	Hz	Y	42
H 6	Step 5	"		40.0	Hz	Y	42
H 7	Step 6	"		50.0	Hz	Y	42
H 8	Step 7	"		60.0	Hz	Y	42
H 9	Step 8	"		30.0	Hz	Y	42
H 10	2 가	0 ~ 999	P3 (H1=2) or P2 (H1=3) 가	20.0	sec	N	43
H 11	2	0 ~ 999	P3 (H1=2) or P2 (H1=3)	30.0	sec	N	43
H 12	Multi-Meter Mode	0 ~ 2	0: (10V:) 1: (10V:) 2: (10V: 180 %)	0		Y	43
H 13	Multi-Meter Adjust	0 ~ 120	120 % : 12 V	100	%	Y	43
H 14	EDT	0 ~ 400	(H2)	0	Hz	N	44
H 15	EDT Band	0 ~ 30.0	Band	0	Hz	N	44
H 16	BX/IOG	0 ~ 1	0: BX 1: IOG	0		X	44
H 17	IOG	0 ~ 400	H16=1 가	5.0	Hz	X	44
H 18			RX EX RST P3 P2 P1			X	45
H 19	1		1 st Trin			X	45
H 20	2		2 nd Trin			X	45
H 21	Version No		Software Version Number			X	
Pr			Main Group			X	

Main Group

5.
5.1 Main Group

60.0

: 0 ~ (F4) Hz

: F1, F4, H3 ~ H9

- ◁▷(Key)

, FUNC, ▲, ▼, key

(F 1)
- (F 1) <1>(Analog)

, V1 | (F 18)

STEP

P1, P2, P3

(H3 ~ H9)

1 가 , 1

ACC

DEC

: 0 ~ 999 sec

: F4, H10, H11

- 가

(F 4)

0 Hz
- 2 가

H10, H11

Multi-Input Mode (H1) ▷◁

P2,

▷◁

P3

2 가

Main Group



: 0 ~ 60 A
: F35



(F35)



: OC, OLt, Ov, Lv, OH, EIH, Ext, CPU
: F35, F43, F44, H1



<nOn>



: F(), r()
: F2



Run/Stop

(F2) <O>(Key)

FX/RX

, <1>



Function Group 1

5.2 Function Group 1



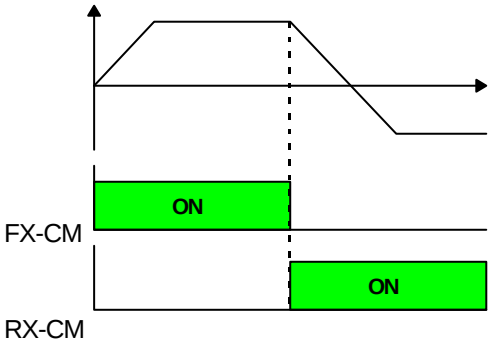
: 0 (Key), 1 ()
: F18 ~ F22

- 0: .
- 1: V1, I Analog
F18 ~ F22 .

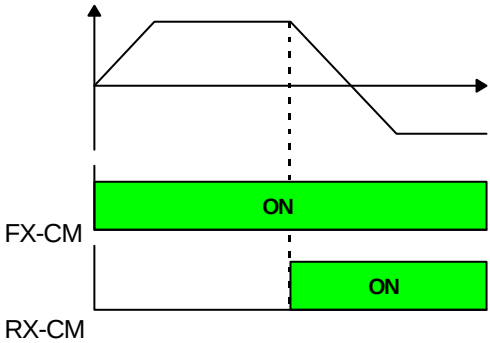


: 0 (Key), 1 (), 2 ()
: H3 ~ H9

- 0: RUN Key Stop/Reset Key .



- 1: FX 가
, RX 가
FX, RX 가 ON



- 2: FX 가
가 , RX

Function Group 1

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F 3

: 0.01 ~ 5.00 Hz

- : .

F 4

: 40.0 ~ 400 Hz

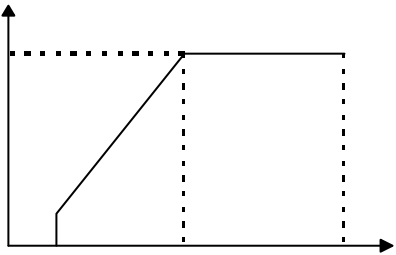
- : 가 . 가

F 5

: 40.0 ~

- : .
- :

가



⌚ F24, F26, F32, H15

0 Hz

가

V/F

F 6

: 0 (Linear), 1 (2), 2 (User V/F)

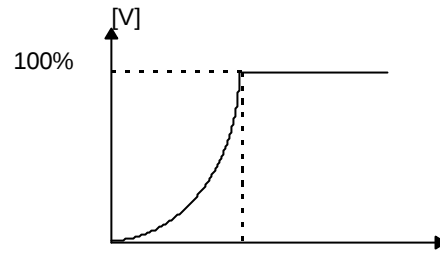
: F8, F9,F14 ~ F17

- 0: 가 . ,

Function Group 1

- 2

. F14 ~ F17



<< 1:2 >>

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가

-

(FWD / REV)

F 8 F 9

: 0 ~ 20%

: F6

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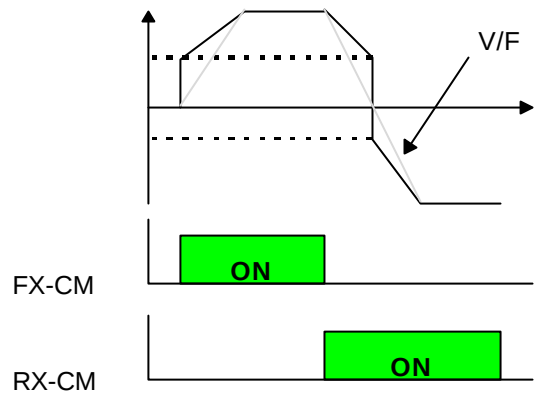
- V/F (F6) Linear / 2, User V/F

•

가

:

가



가 ,

F 10 F 11

: 0 (Linear), 1 (S Curve)

: H10, H11

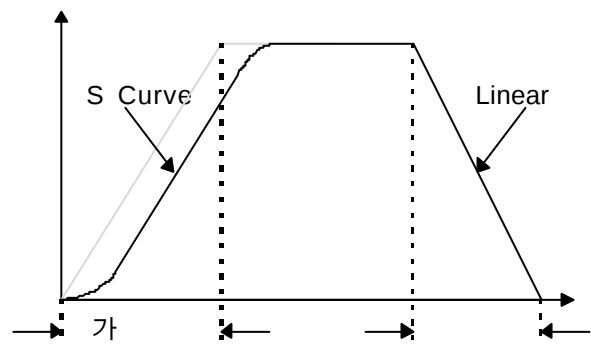
- 가

- S Curve 가,

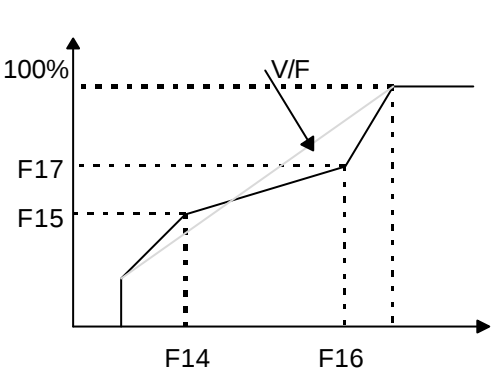
10%

가

- 2 가, (H10, H11) 가,



Function Group 1



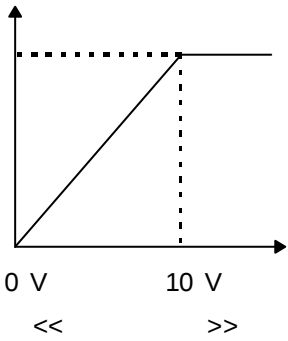
: V/F
 가

Analog

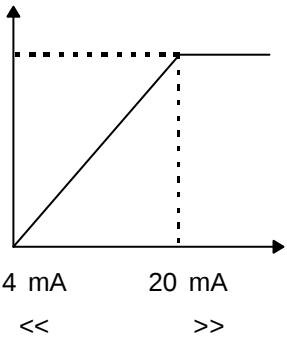


: 0 (), 1 (), 2 (+)
 : F1, F20 ~ F22

- F1 <1>



- 0 : 0 ~ 10 V



- 1 : 4 ~ 20 mA

- 2 : 0 ~ 10 V 4 ~ 20 mA 가

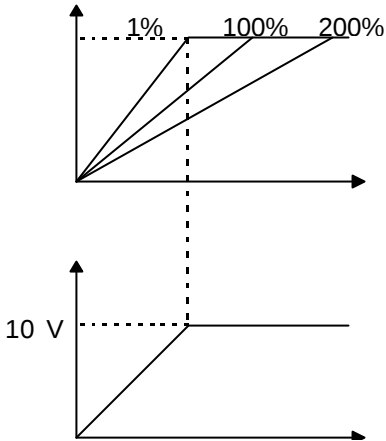
Analog Filter Gain, Gain, Bias,

F 19

: 1 ~ 200 %

- Filter Gain : Analog

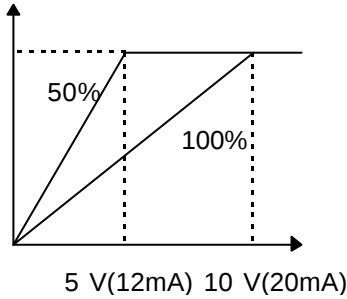
- 가 Filter Gain



F 20

: 50 ~ 100 %

- Gain : Analog 가

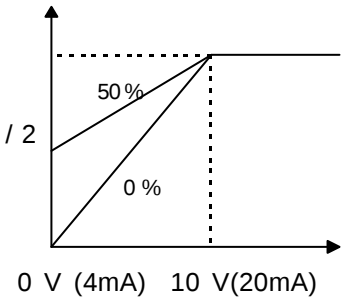


F 21

: 0 ~ 100 %

- Bias : Analog

- 50% , 0V (4mA)
< /2>



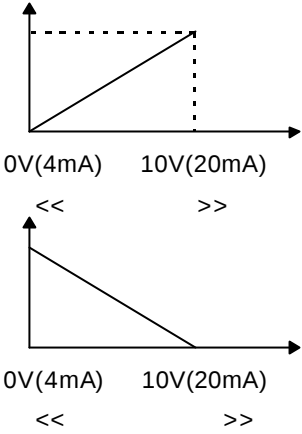
Function Group 1

F22

:0 ()

1 ()

- 0: Analog
- 1: Analog



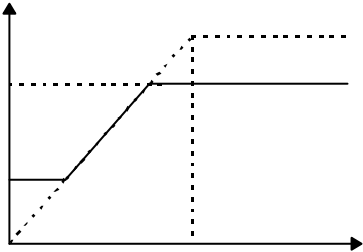
F23

F24

:0~

0~

- 가
- 가



,

F25

F26

: 0~

0 ~ 30 Hz

• (±)

•

10Hz,

5Hz

, 5.01 ~ 14.9Hz

가 가

5Hz

가 가 15Hz

가

, 15Hz

가

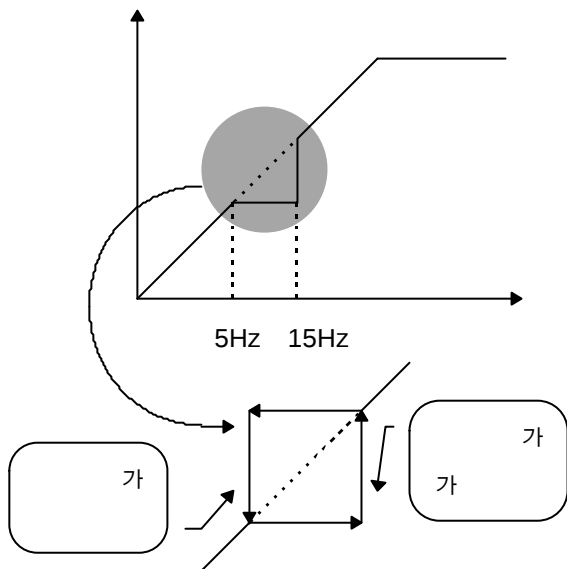
가

15Hz

가 5Hz

가

•



DC, Block

F27

: 0 ~ 20 Hz

- : DC

F28

: 0 ~ 20 %

- :

F29

: 0 ~ 5 sec

- Block :

F30

: 0 ~ 20 sec

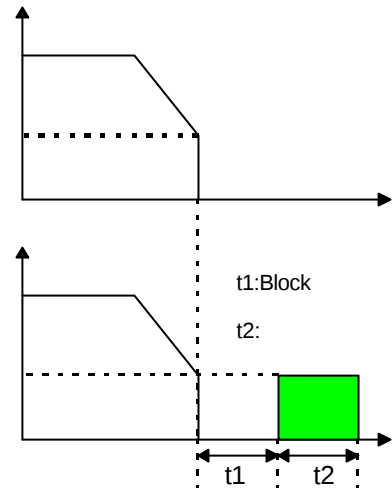
: F13

- : DC

- F13 <|>

: DC Block 0sec Free-Run

가



Function Group 1

, , ,

F31

: 0 (NO), 1 (YES)

F32

: 0 ~ 5 Hz

•

:

가 1740 rpm(60Hz)

$$= (1800 - 1740) \times \quad / \quad 120 = 2 \text{ Hz}$$

F33

: 0.1 ~ 60 A

•

:

F34

: 0.1 ~ 60 A

•

:

가

Main Group <CUr>

•

F35

:220V : 08.1 (0.75kw), 15.1 (1.5kw)

220V 3 : 08.2 (0.75kw), 15.2 (1.5kw), 22.2 (2.2kw), 37.2 (3.7kw)

440V 3 : 08.4 (0.75kw), 15.4 (1.5kw), 22.4 (2.2kw), 37.4 (3.7kw)

: CUr (Main Group), F31, F39, F43, F44

•

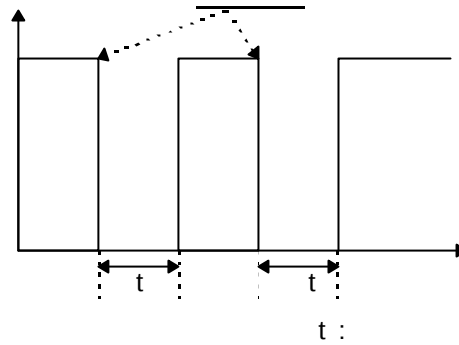
⋮ Main Group

(Auto Retry)

F36

: 0 ~ 10
: F48 ~ F50

- :



F37

: 0 ~ 10 sec

- :

- 가

(F48~F50)

Reset

F38

: 0 ~ 3

- 0: Lv ()

- 1: Lv ()

- 2:

- 3:

- . Lv

, 0 ~ 2

-

F39

: 0 ~ 7

: F35

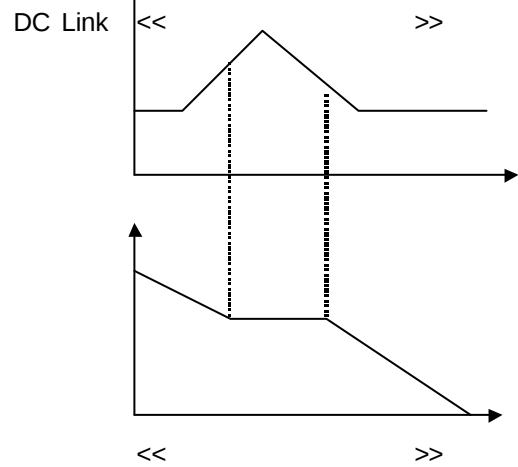
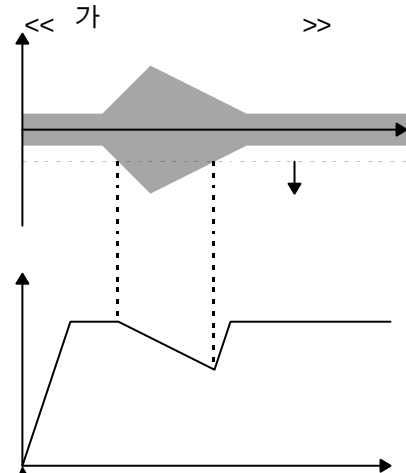
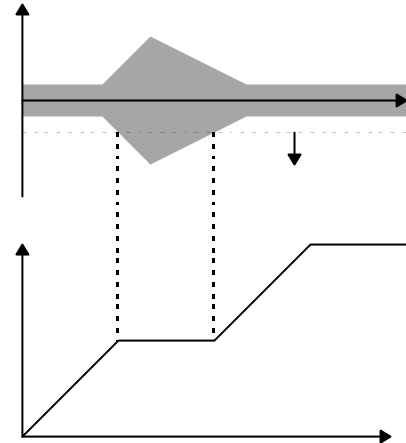
- 0: .
- 1: 가 .
- 2: .
- 3: 가 .
- 4: .
- 5: 가 .
- 6: .
- 7: 가 , .

F40

: 30 ~ 170 %

: F35

- :
- 가 : 가 가
- 가 ,
- 가 가
- 가 ,
- 가 가
- : DC Link



F41

: 30 ~ 150 %

: F35, H2

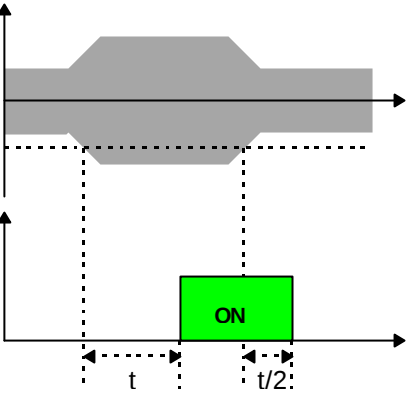
●

:



(H2)

M0-EXTG



F42

: 0 ~ 30 sec

●

:

가

가 ON

가

(

/2)

OFF

F43

: 0 ~ 60 sec

●

가

(

180%)

●

	0.75 kW	1.5 kW	2.2 kW	3.7 kW
220V	9 A	14 A	20 A	29 A
440V	5.0A	7A	10A	15A

(ETH) , ,

F44 : 0(NO), 1(Yes)

- 1:

F45 : 30 ~ 150 %
: F35

- : 100% .

F46 : 0 (General), 1 (Special)

- : (Fan) <0> ,
(Fan) <1> .

- .

60 Hz, 1 .

- :

$$(\%) = k \times (\quad / \quad) \times 100$$

$$(k = 10 : 50 \text{ Hz} \quad ,$$

$$= 11 : 60 \text{ Hz} \quad)$$

(11A)가 2.2kW(200V) 2.2kW(200V) (8.6A) 60 Hz
86% , 가 8.6 A 1
EH .

$$1.1 \times (8.6 / 11) \times 100 = 86 (\%)$$

, 가 / , Block

F47

: 0 (No), 1 (Yes)

●

:

F48

F49

: 0.1 ~ 10 sec

●

가

:

가

F50

: 0 ~ 5 sec

●

Block

:

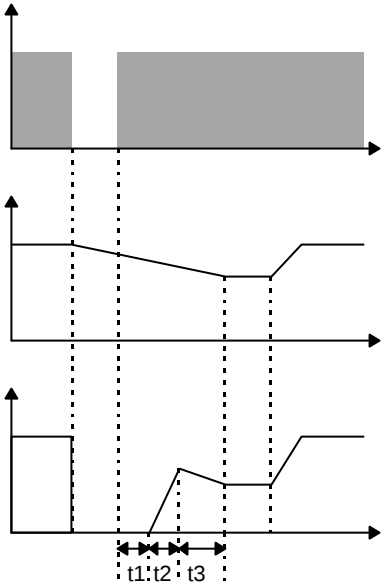
●

15msec

:

가

Reset Restart(F51)



t1 : Block , t2 : 가 , t3 :

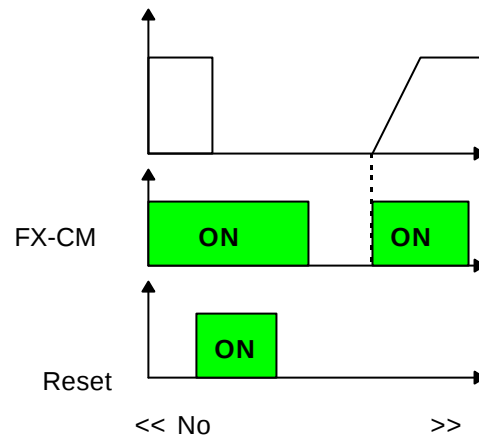
(Reset Restart)

F51

: 0(No), 1(Yes)

: F2

- 0: FX 가 ON
Reset
OFF ON
FX ON
Reset 가
- 1: FX ON
Reset 가



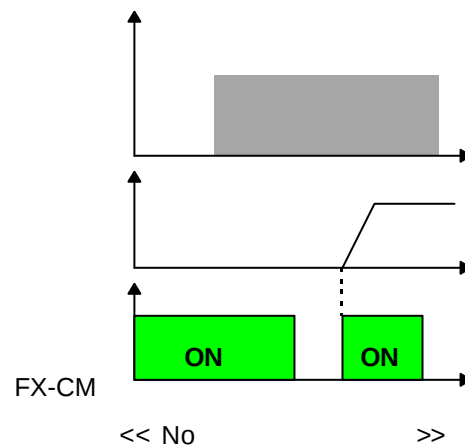
(Power On Start)

F52

: 0(No), 1(Yes)

: F2

- 0: FX 가 ON
OFF-ON
- 1: FX 가 ON
가



(Carrier)

F53

: 3 ~ 15 kHz

- 가 ,

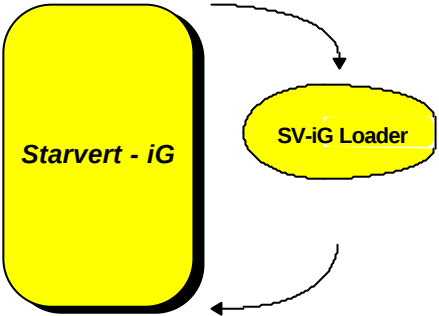
,

F54

F55

: 0(No), 1(Yes)

- :
- :
- 1



가 <Er> Func Key <F54,F55> , <F54,F55>

F56

: 0(No), 1(Yes)

- 가 <>
- <F56> :

08.2

Function Group 2

5.3 Function Group 2



: 0 ~ 3
: H3 ~ H11

- 0: P1,P2,P3 8 가 H3~H9

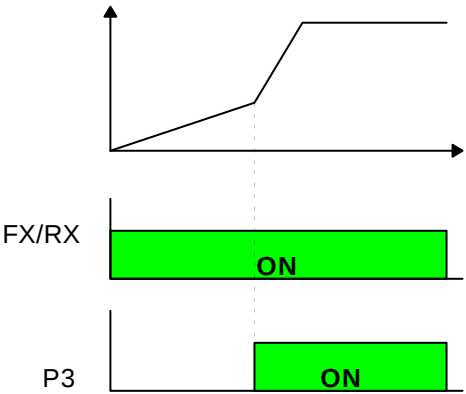
	1	2	3	4	5	6	7	8
FX/RX	ON	ON	ON	ON	ON	ON	ON	ON
P1	OFF	ON	OFF	ON	OFF	ON	OFF	ON
P2	OFF	OFF	ON	ON	OFF	OFF	ON	ON
P3	OFF	OFF	OFF	OFF	ON	ON	ON	ON

- 1: P1,P2 4 가 , P3
P3 ON

<Ex>

- 2: P1,P2 4 가
, P3 2 가
P3 가 OFF
Main Group ACC
가 가, P3 가 ON
H 10 가

- 3: P1 2 가
P2 2 가 , P3



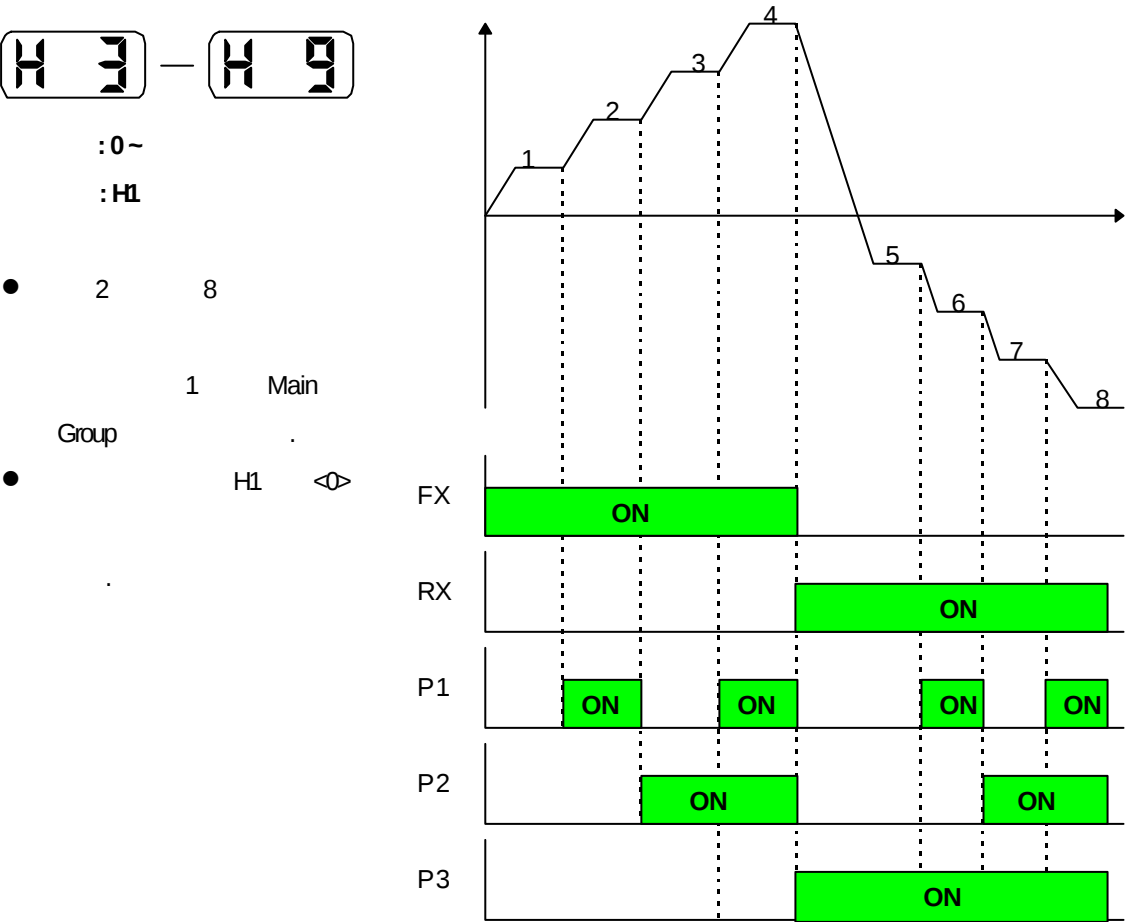
Function Group 2

H 2

: 0 ~ 5

: F39, F41, H14, H15

- 0: FDT MO 가 ON(B) .(H14)
- 1: FDT MO 가 OFF (A) .(H14)
- 2: MO 가 ON .(F39)
- 3: 가 MO 가 ON .(F41)
- 4: (Lv) MO 가 ON .
- 5: 가 RUN MO 가 ON .



2 가 /

H 10 H 11

: 0 ~ 999 sec

: H1

- P3 가 . H1  
- (H1)

,

H 12

: 0 ~ 2

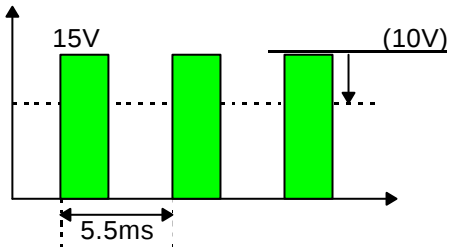
: H13

- 0: 10 V .
- 1: 10 V .
- 2: 가 150 % 10 V .

H 13

: 0 ~ 120 %

- 100 % 10 V
,120% 12 V 가 .



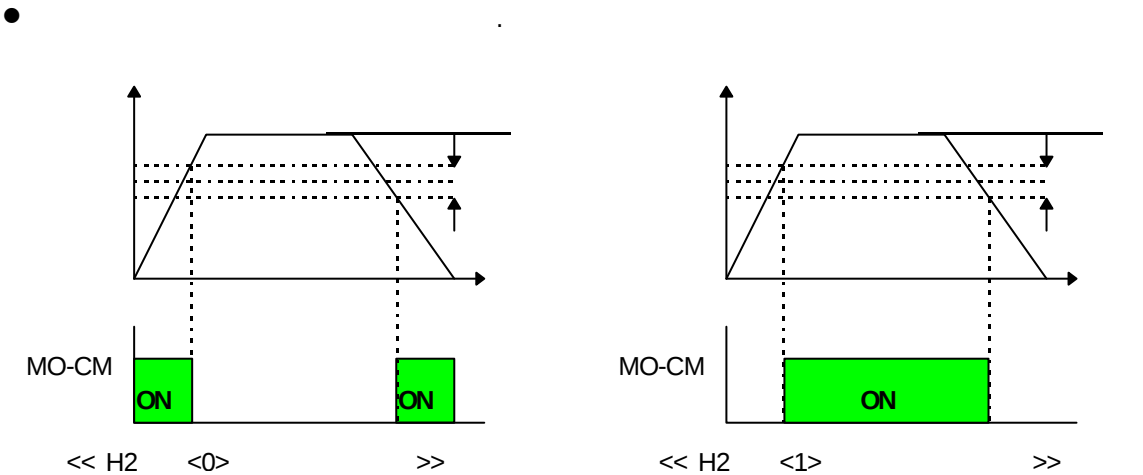
H 14

: 0 ~
: H14

- ON/OFF .H2 <0> <1> 가 가

H 15

: 0 ~ 30 Hz



JOG

H 16

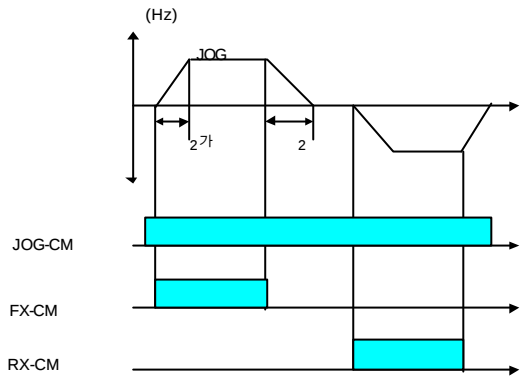
: 0 (BX), 1 (JOG)
: H17

- BX/JOG BX JOG
- 0: BX/JOG BX 가
- 1: BX/JOG JOG 가

Function Group 2

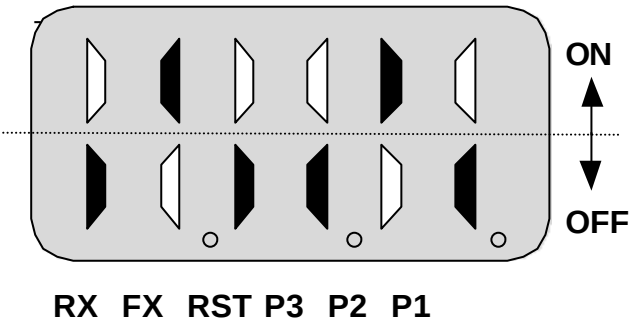
H 17

: 0 ~ 400Hz
: H16



- H18 1(JOG)
가 .
- JOG ()
- JOG 가 .
- JOG 가 2가 .

H 18



RX FX RST P3 P2 P1

1, 2

H 19

H 20

- Main Group
- , Reset Key
- 가 H 19 H19 H20 .
- FUNCKey ▲ ▼ Key

--

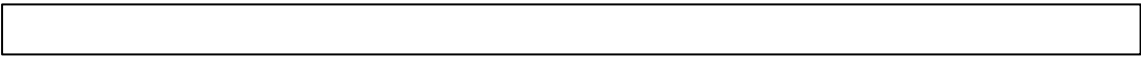
5.4

	가 200% : (IGBT) 가
	(DC Link) 400V/800V 가
	F43 180 % 가 (F43)
Heat-Sink 	가
	110 % 가 F44 ~ F46 : 150% / 1
	.H1 <1> <3>
	(DC Link) 200V/400V 가
BX 	BX BX 가 ON OFF
CPU 	Main CPU STOP/RESET Key

--

6.

	• GD^2 가 • 가 • Free-Run	가
	• GD^2 • 가 •	
	• 가 • • (F35) • V/F	V/F
Heat-Sink	• • • 가	40
	• 가 • ETH • • (F35) • V/F	ETH V/F
	•	(P3)
	• • • 가	



7.

Starvert-iG , ,
.

7.1

-
-
-

PWM .

7.2

- 가?
- 가?
- 가?
- 가?

7.3

- , 가?
- 가?
- PCB 가?
- PCB 가?
- , 가?

8.

8.1.

Case

Manual

8.2.

8.2.1.

[kW]	SV008i G-2(1)	SV015i G-2(1)	SV022i G - 2	SV037i G - 2	SV008i G - 4	SV015i G - 4	SV022i G - 4	SV037i G - 4
[W]	300	400	400	400	400	400	400	400
[Ω]	100	50	40	40	200	160	100	100
[%]	150	150	100	100	150	150	100	100
[%]	25	15	15	10	15	15	15	10
[sec]	60	30	30	30	30	30	30	20

8.2.2.

[kW]	SV008i G-2(1)	SV015i G-2(1)	SV022i G - 2	SV037i G - 2	SV008i G - 4	SV015i G - 4	SV022i G - 4	SV037i G - 4
[W]	120	120	120	120	200	200	200	200
[Ω]	100	50	40	40	200	160	100	100
[%]	150	150	100	100	150	150	100	100
[%]	2.5	1.5	1.5	1	3	2	2	1
[sec]	10	5	5	3	5	2.5	3	1.5

8.2.3.

Code

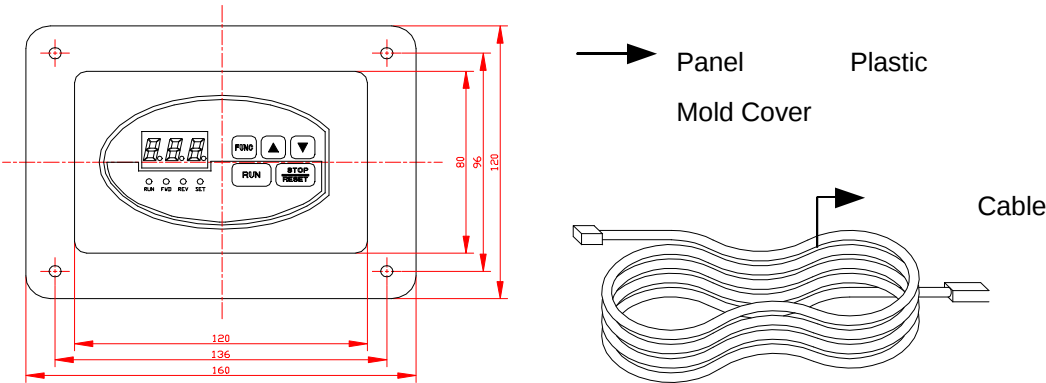
Code		Code	
048010027	MCRA 120W 100ΩJ	048010031	MCRB 300W 100ΩJ
048010026	MCRA 120W 50ΩJ	048010036	MCRB 400W 200ΩJ
048010025	MCRA 120W 40ΩJ	048010035	MCRB 400W 160ΩJ
048010030	MCRA 200W 200ΩJ	048010034	MCRB 400W 100ΩJ
048010029	MCRA 200W 160ΩJ	048010033	MCRB 400W 50ΩJ
048010028	MCRA 200W 100ΩJ	048010032	MCRB 400W 40ΩJ

9. Option

9.1. Option

Option Panel Plastic Mold Cover Cable

.



9.2. Option Code

Code	
048010021	Panel Plastic Mold Cover
048010022	Cable (2m)
048010023	Cable (3m)
048010024	Cable (5m)

)	Cable
Loader	Noise

가

1.

60		0.00 ~ 400	60	
ACC	1 가	0 ~ 999	15	
dEC	1	0 ~ 999	20	
CUr		0.0 ~ 60.0	0	
nOn	Trip Display	1)	nOn	
drC	Motor	F, r	F	
FU1	Function Group 1	1 ~ 58	1	
FU2	Function Group 2	1 ~ 21	1	

2.

F1		0 ~ 1	0	
F2	Run/Stop	0 ~ 2	1	
F3		0.01 ~ 5.00	0.2	
F4		40.0 ~ 400	60	
F5		40.0 ~ 400	60	
F6	V/F Pattern	0 ~ 2	0	
F7	Hold Time	0.0 ~ 10.0	0	
F8	FWD Boost	0 ~ 20	2	
F9	REV Boost	0 ~ 20	2	
F10	Acc. Pattern	0 ~ 1	0	
F11	Dec. Pattern	0 ~ 1	0	
F12	Level	50 ~ 110	100	
F13	Mode	0 ~ 2	0	
F14	User V/F Freq. 1	0 ~ 400	5	
F15	User V/F Volt. 1	0 ~ 100	16	
F16	User V/F Freq. 2	0 ~ 400	30	
F17	User V/F Volt. 2	0 ~ 100	50	
F18	Analog Mode	0 ~ 2	0	
F19	Analog Filter Gain	1 ~ 200	100	
F20	Analog Gain	50 ~ 100	100	
F21	Analog Bias	0 ~ 100	0	
F22	Analog	0 ~ 1	0	
F23	Limit	0 ~ 400	60	
F24	Limit	0 ~ 400	0	
F25	Jump	0 ~ 400	0	
F26	Jump Band	0 ~ 30.0	0	
F27	DC	0.00 ~ 20.0	5	
F28	DC	0 ~ 20	5	
F29	DC Block Time	0.0 ~ 5.0	0	
F30	DC	0.0 ~ 20.0	2	
F31	Slip	0 ~ 1	0	
F32	Motor Slip	0.00 ~ 5.00	3	
F33	Motor	0.1 ~ 60.0	3.6	
F34	Motor	0.1 ~ 60.0	1.6	
F35		2)	08.2	
F36	Retry Number	0 ~ 10	0	
F37	Retry Time	0.0 ~ 10.0	0.5	
F38	Relay Mode	0 ~ 3	0	
F39	Stall Mode	0 ~ 7	0	

2.

F40	Stall Level	30 ~ 170	170	
F41	Over Load Level	30 ~ 150	150	
F42	Over Load Time	0.1 ~ 30.0	10	
F43	Over CurrentTime	0 ~ 60.0	60	
F44	ETH	0 ~ 1	1	
F45	ETH Level	30 ~ 150	150	
F46	Motor Type	0 ~ 1	0	
F47		0 ~ 1	0	
F48	Acc. Time	0.1 ~ 10.0	2	
F49	Dec. Time	0.1 ~ 10.0	2	
F50	Block Time	0.0 ~ 5.0	0	
F51	Reset Restart	0 ~ 1	0	
F52	Power On Start	0 ~ 1	1	
F53	Carrier : 3)	3 ~ 15	3	
F54	Parameter Read	0 ~ 1	0	
F55	Parameter Write	0 ~ 1	0	
F56	Parameter Initialize	0 ~ 1	0	
F57	Parameter Lock	U(L) 0 ~ 99	U0	
F58	AVR	0 ~ 1	1	
rt				

3.

H1	Multi-Input Mode	0 ~ 3	0	
H2	Multi-OutputMode	0 ~ 5	0	
H3	Step 2	0 ~ 400	10	
H4	Step 3	0 ~ 400	20	
H5	Step 4	0 ~ 400	30	
H6	Step 5	0 ~ 400	40	
H7	Step 6	0 ~ 400	50	
H8	Step 7	0 ~ 400	60	
H9	Step 8	0 ~ 400	30	
H10	2 가	0 ~ 999	20	
H11	2	0 ~ 999	30	
H12	Multi-Meter Mode	0 ~ 2	0	
H13	Multi Meter Adjust	0 ~ 120	100	
H14	FDT	0 ~ 400	0	
H15	FDT Band	0 ~ 30.0	0	
H16	BX/JOG	0 ~ 1	0	
H17	JOG	0 ~ 400	5	
H18				
H19	1			
H20	2			
H21	Version No.			

1) OC, Ov, Lv, Olt, OH, EtH, EXT, bX, CPU

2) F35()
 (200V) (200V 3) (400V 3)
 08.1 : 0.75kW 08.2 : 0.75kW 08.4 : 0.75kW
 15.1 : 1.5kW 15.2 : 1.5kW 15.4 : 1.5 kW
 22.2 : 2.2kW 22.4 : 2.2 kW
 37.2 : 3.7kW 37.4 : 3.7 kW

* 4

-. 04.2 : 0.37kW(200V)
 -. 40.2 : 4.0kW(200V)
 -. 04.4 : 0.37kW(400V)
 -. 40.4 : 4.0kW(400V)

3) F53():SV008IG-2U(S) 3KHz