ESC
MFK
ENTER
RUN
STOP
GUIDE

ΐ ϛ ۔ □ ˘ ۔ ΐ ∫ ιч ч ι ŋ ձ Ⱶ ۔

ΐ ϛ GF630N01 ↓ Ł ΐ ϛ˘ Ⱨ ɢ ´

ÂGF630N01 ΐ ϛ Ł ˘ ۷ ₹˘ ¬ ڈ

˘ ʐ Â Modbus485 ˘ ѡ ɣ ˘ ˘ ˆ ɢ Ⴏ

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ч ˜Ḥ№ Ŭ ˚˚ ج ۷ ĭ Ḡ ą ė ŋ˘ ض ą ʜ ╠˘

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ą й ч ˚˚ ج Ŭ ð˘ ą U Ⱶ ۔Ḡ ˘ ɣ ˙ U ΐ ϛ

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ɢ ΐ ϛ ą ض ˘ ٰE ̃ Ⴏضѡ Ⱨ

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1˜ ضِ à ƀ à ˚˚ ج ˇ ۏ ŋ Ԋ Â

2˜ ч Ḡ ˗ ɇ ŋ˘ ضِ à ƀ ɇ ˚˚ ج ˇ ˚˚ ج ˙ ǐ ΄Y Ţ
ŋ Ԋ Â

3˜ ΄Y Ţ ľ Ŀ à ľ ҏ Ŀ ɇ ľ ۷ Ŀ Ԋ ˇ Ь ɳ ŋ Ԋ ˇ
ˀ ƀ ч ŋ Ԋ ˜Ḥ Â

4˜ ˚˚ ج ضِ ... Ӈ ą ˇ Ղ ↕˜ ˇ غِ ˜
Ŭ W Ð ش Ь ضِ˚˚ ج Ḡ ﺡ ҥ ṗ Â

5˜ غِ ƀ˚˚ ج Ŭ ˗ ŋ Ԋ à ˚˚ ˇ ˜ Ь к ѵ к Â

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˭	˭
危险	ľ ۷ Ŀ Ь ƀ˘ ↕ ` Ԍ ɾ H
注意	ľ Ŀ ˜ ˇ Ь ƀ
警告	ľ ҏ Ŀ Ь ƀ˘ ↕˜ ` Ԍ ɾ H

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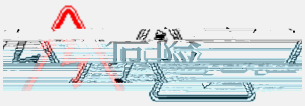
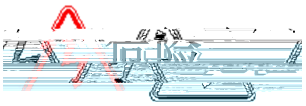
 ضي Ⅵ № U U ₩ ṗ ڪ˜ ɣ ᴴ Â ˜ ą ǐ ڪ ɨ Ъ˘ U Л № ṗ ꞌP Â ˜ ضي Ӈ Ӈ ǐ ڪ ↿ ˘ ɣ Â à Ъ ʒ ˘ ضي ˜ 10 № ɣ U Â ǐ ڪ ضر ضر ˛ Ь ˜Ӈ ǐ ڪ ṗ Â
 ǐ ڪ ضي ⁘ Â ↓ ǐ ڪ Ь ɢ ˘ ˘ h ∧ ǐ ڪ Â à ǐ ڪ ˛ Ԋ ˊ ⌡ ǐ ڪ ₣ U à V à Ⱳ ⁘ Â ǐ ڪ ضي Ţ˘ ˜ Ъ ʒ Â
 ǐ ᵒᵒ ڃ ˊ ᒉ , à à ɨ̈ à ǐ ’ Â ˊ ˘ Ԋ ˛ ᵒᵒ ڃ ė ᵒᵒ ڃ Ð ˛ à à ᴴ ’ Â U ה ↿˘ ᵒᵒ ڃ ï̈ ᵒᵒ ڃ Ð à ᒉ ŋ Â
 ΰ ᵒᵒ ڃ ṗ à Ð Ð ɕ˘ ˜ ˛ ΰ ᵒᵒ ڃ ï̈ ᵒᵒ ڃ Ð ᴴ à à ą ˘ ˜ ˛ ה ↿˘ ΰ ↿ Ь ᵒᵒ ڃ O Ь ˘ ˜ ˛

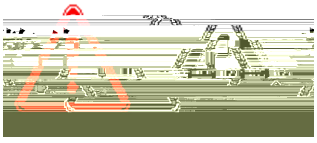
Ũ ь
 ꚛ ج Ũ ь ð Ũ ь ˘ Ũ à Â ۣ ۣ ضي à ۣ à شي à شي à ـ شي Ũ ь Â ۣ ꚛ ج Ũ 3 ѽ ˘ Ũ ˘ Н ɇ Â ꚛ ج Н ´ U ꞌP ˘ ą r Â ƿ Н ꚛ ج ь ꚛ ج ڒ ج ₩ Â
 Ⱶ ą Ғ ʒ ۷ ققم ققم ь ꚛ ج ـ ꚛ ج ˘ Ⱶ ꚛ ج r ˘ ۣ ꚛ ج ð ˘ Ɋ ↕ ỉ Н ۷ ـ ꚛ ج Ⱶ ˘ Й r ˘ ṕ ˘ Ɋ ↕ ỉ Н ꚛ ج ڜ ۷ ـ ĺ ˘ Й ¬ 2 Ả Â
 ╟ Ⱶ ח ꚛ ج ą й ɇ ŋ Ʊ ـ Н ꚛ ج ـ Н ـ ꚛ ج ð ĭ ″Ḥ ك ð ھ ɇ ـ ~ ضي شي شي ꚛ ج ـ ꚛ ج ضي r Ţ ˘ ˘ r ˬ à ɇ ˭ IEC ‰ غ ض Ả
 Н Ғ ʒ ¬ 2 ꚛ ج à à Ḡ ī à ð ـ ꚛ ج à à à ð ˘ ₇ ỉ ⌠ ˭ ˘ ĺ ˭ Ḥ № Ғ ʒ ¬ 2 Â ¬ 2 ꚛ ج ɇ ˭ Â ض ـ ĭ ۱ ك ˘ Ḡ ˘ ۣ ꚛ ج ₹ ـ ƀ ـ

H Ғ ʒ ¸ 2 à à Ḡ ī à Đ ˛

~ ض Đ

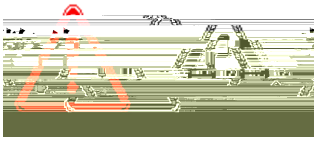


Н ضي Йָ к v ˘ Ղ ↕ ۷ ˫
Н ضي Йָ ۷ ĕ ҷ к v Ð˘ Ղ ↕ ۷ ˫
Н à Ɣ ˘ Ղ ↕ ˆ H ˫
Н Ғ ʒ ˫ 2 ضي Ţ Ḥ ˆ ˘ Ղ ↕ ˆ ˫ H ښ ˫

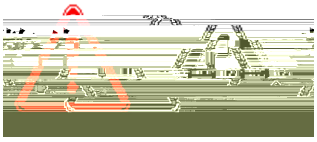


Ţ˘ ѽ ì ɾ ҷ r ~ Ţ˘ Ղ ↕ ښ ˫
~ ą ҁ L Ω Å˘ Ղ ↕ ښ ˫

Ḡ Ī



ĕ ╟˘ ĕ ҷ ˘ ѡ˘ ¨Ḥ ˫ Â
ĕ ╟˘ ¨¨ ˘ ѽ ښ Ŭ ˫
ĕ ˘ ºº ҷ ˆ Ψ ˫ Ъ˘ Â
ĕ U˘ ~ ºº ҷ ˘ Ղ ↕ ۷ ˫
Н ضي Йָ к v ˘ Ղ ↕ ۷ ˫
Н ضي Йָ ۷ ĕ ҷ к v Ð˘ Ղ ↕ ۷ ˫



½ Ÿ Йָ I F5ž N

Hu

1˜ Ḡ

ضي Ţ Ψ̊̊ Ḡ ضر ɾ˘ ą Ḡ ˆ RCD˜

ڪ RCM˜˘ ą Í ڈ Ḡ ˆ RCD˜

ڪˆ RCM˜ Â

ضي w̄ ʊ B ڤمم Ḡ ڪˆ RCD˜ ˘ ضي Ḡ ڪˆ RCD˜

Ω˘ غ ˆ ₹ غ ضر ˘ Í L

Ғ RCD˘ ▼ φ RCD Â

2˜

ضي ą U ̓P ą ˘ Ạ ˘ غج

شخ Ǐ ک Â Ь Ǐ ک ˘ 500V

ا ڤمم ڈ ˘ Ḡ Ь ɢ 5M ß Â

3˜ ا ỵ ɣ ą

ضي ي Ţ ¨Ḥ ƀ ا مخ ң ą Ǐ ک˘ Ǐ ک ṗ شخ Â

˘ ą ٦ ا ا Ǐ ا U ˜ ⌡ Ǐ ک Â

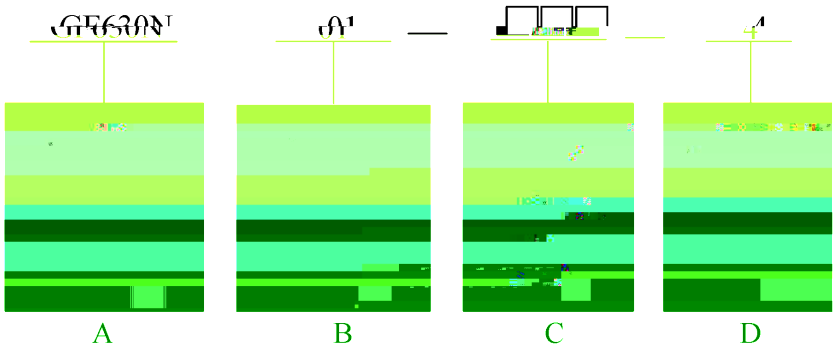
1 ۾ ڇ Hِ

6.18 └ P20
6.19 └ ǎ P21
6.20 P23
6.21 3 ǎ P28
6.22 4 ǎ P29
6.23 3 └ P30
6.24 3 └ P31
7 ǎ w
7.1 ǎ └ P0
7.2 P2
7.3 ~ P3
7.4 ₹ P4
7.5 ǐ ‖ ~ P5
7.6 ǐ ‖ ₹ P6
7.7 Ḡ ǎ P7
7.8 Ω Å └ P8
7.9 ǐ P9
7.10 V/F └ ǐ 1 ǎ P10
7.11 └ ǎ P21
7.12 P19
8 ǐ
8.1 ٦
8.2
9 ь Ḡ Ī
9.1 Ḡ Ī ẹ
9.2
9.3
9.4 ɒ
9.5 ь Ḡ ḱ

1 ﾂ ﾂ H

1.1 ﾂ ﾂ

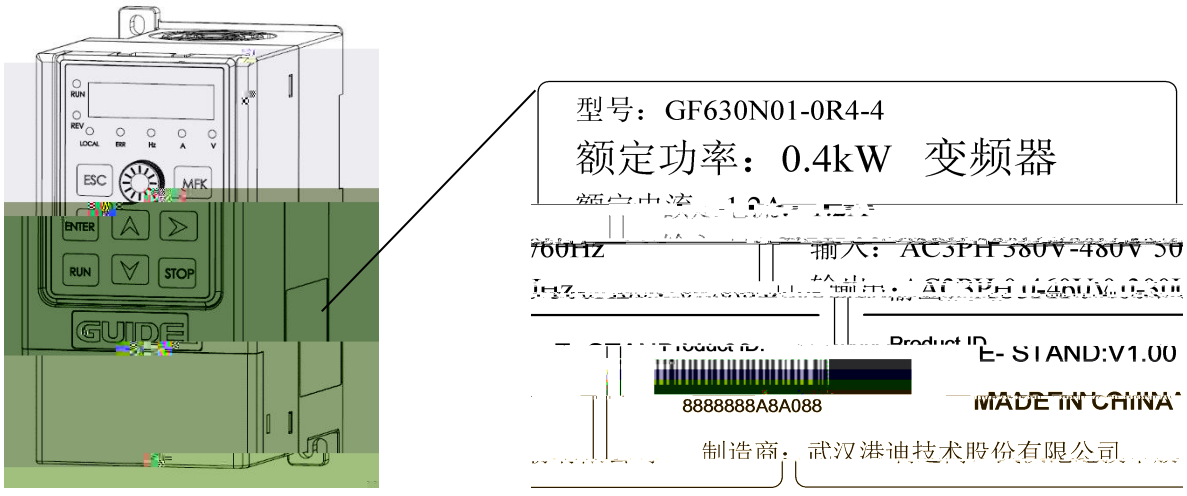
ﾂ ﾂ ﾂ ﾂ H'



ﾂ ﾂ ﾂ

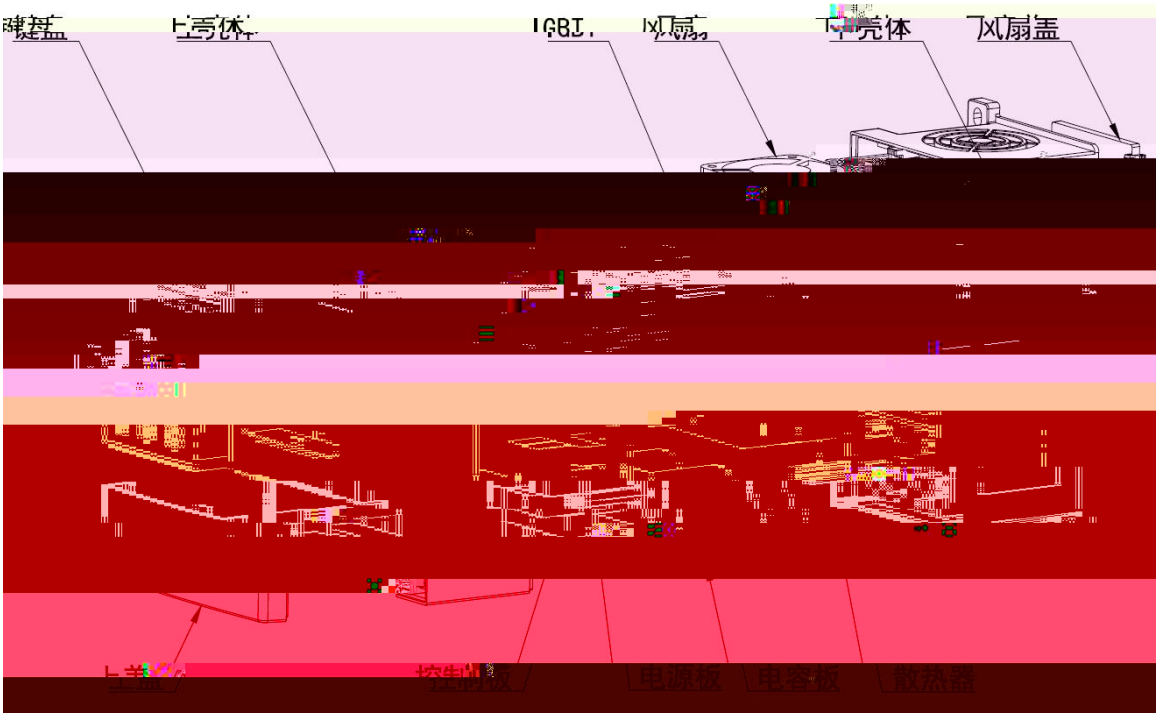
A	ﾂ ﾂ ﾂ GF630N
B	ﾂ ﾂ 01' Mini ﾂ
C	W ' 0R4:0.4kW 3R7:3.7kW 5R5:5.5kW
D	ﾂ 4:380V

GF630N01 ﾂ ﾂ ﾂ ﾂ ﾂ ﾂ ﾂ ﾂ ﾂ 0.4kW ﾂ



1.2 Ð

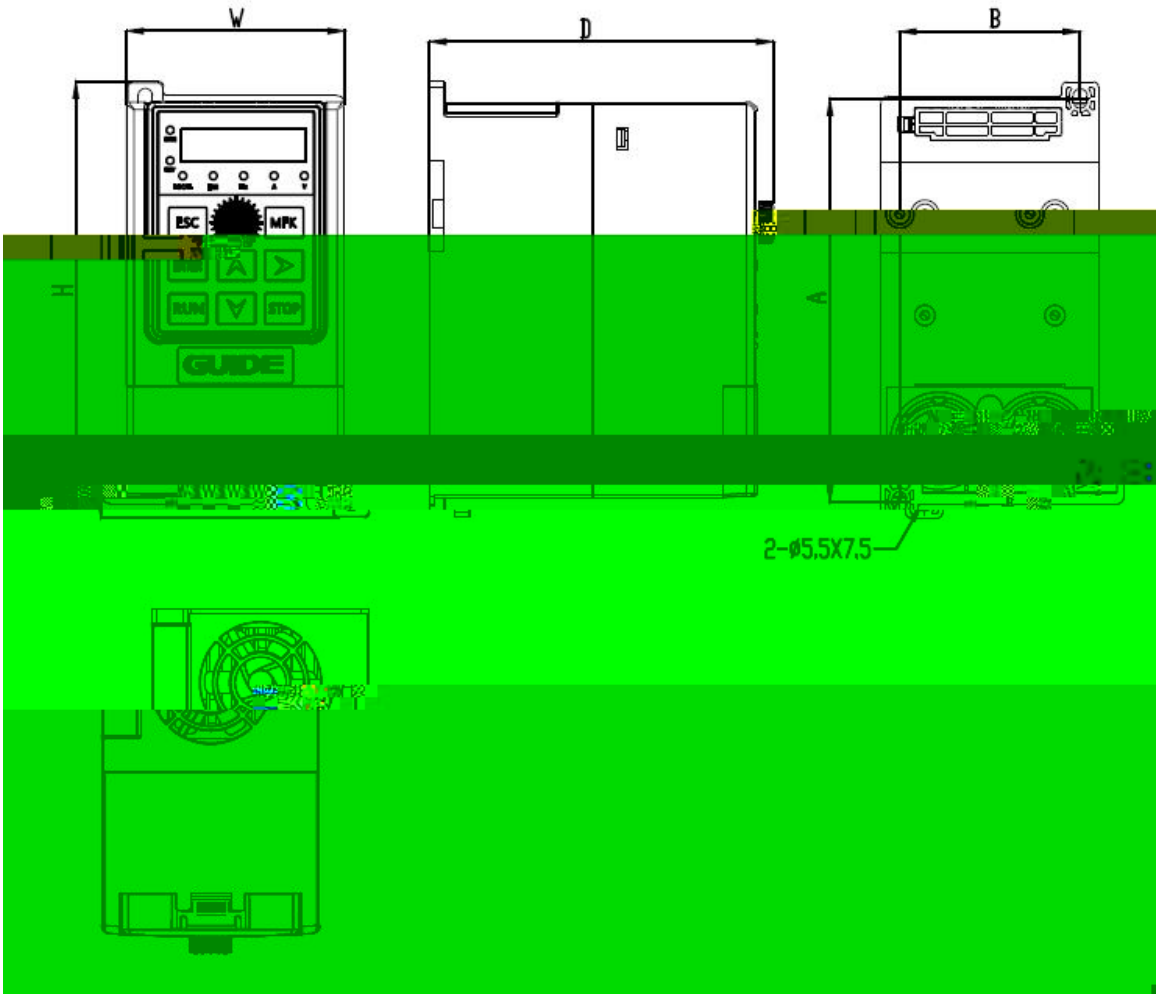
GF630N01 ↓ ĩ ϛ w № ч н



R1 ϛ Ð 380V 480V 0.4kW 2.2kW

R2 Đ 380V 480V 3.7kW 5.5kW

1.3 R1~R2



R1 فصم ĩ يحˆ 0.4kW˙ 2.2kW˜

R2 فئم أ يد 3.7kW 5.5kW

ẽ ˩ ẽ w

ɐ ⋮ à ɥ

˩ ˥ ˩ ˘ ˩ Ḡ ₹ ˥

1.6 h

(1) ₇ ₩ ↰ ₫ ₃ ₺ Ḃ ₺ ’

(2) Ƶ ˇ ˆ ضِ150% ’ Ѝ Ω ’

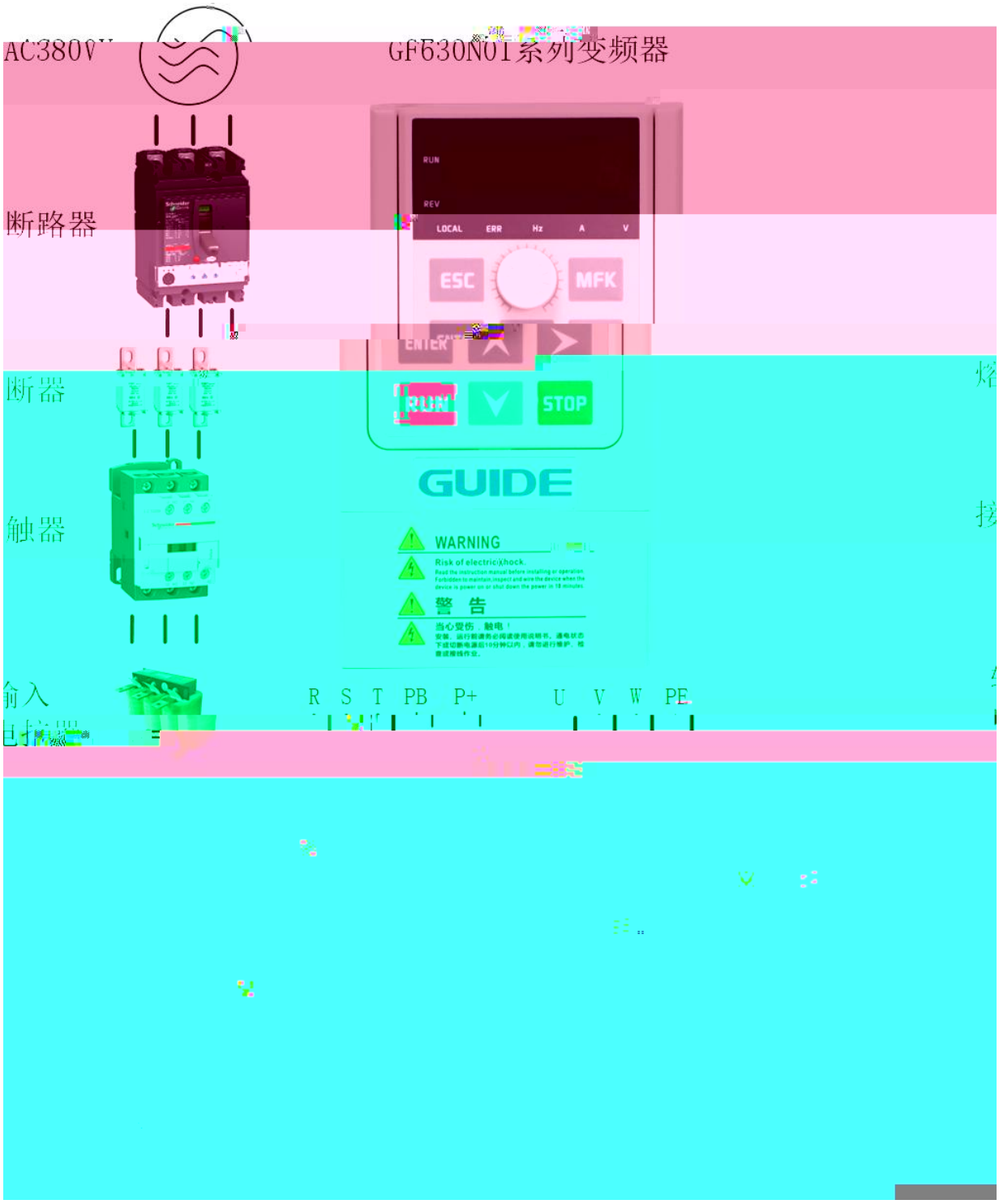
(3) ˩ ˇ ˩ Ƶ ˇ Ї ˩ Â

1.7 Ї ج ₿

ˆ	[kW]	₿ [kW]
GF630N01-0R4-4	0.4	0.026
GF630N01-0R7-4	0.75	0.033
GF630N01-1R1-4	1.1	0.035
GF630N01-1R5-4	1.5	0.040
GF630N01-2R2-4	2.2	0.048
GF630N01-3R7-4	3.7	0.132
GF630N01-5R5-4	5.5	0.160

2

2.1



GF630N01 f ›ø "Ḥ ð ą

2.2

ϑ O	β	w
ლ	Ь Ї ლ ~ ʊ Ң	ლ' ضي Й Ⓟ ˘ Ŭ Ни
		Ḡ ლ' Ї ლ Ъ ˆ Ψ˚˚ ˘ ч Ни γ Ї̆ Ŭ ˘ شي ’ ˙˙ Ḡ ლ Â
Ḡ Ж	Ь Ї ლ ~ ʊ Ң	غج Ŭ Ни ˘ Ḡ U ٧ ɾ ლ ϑ Â
ლ	ლ Ь Ї ლ ~ ʊ Ң	Ї ლ Ъ˘ ѽ ლ Ї ლ ⁘ Й Ъ (Ь ٧ G Ш) Ω¬ Ъ Â
~ ლ	Ї ლ ~ ʊ	~ ʊ W غج ’ ~ ʊ ˘ غج ٨ Ї Ì شخ’ Ь ~ Ь Â
EMC ლ	Ї ლ ~ ʊ	⋮ Ї ლ D Ї̆ ’ ٧ ɾ h Ї ლ D ˘ Ї ლ Ẓ Â
L¬	Ї ლ Ŧ ʊ	Ий ą L¬ ’ ضي ⋮ L¬ ’P Â
Ŧ ლ	أ ضي ლ Ŧ ʊ غ Ң ˘ Ї ლ	Ї ლ Ŧ ʊ Ш Ƈ Â Ь Ї ლ غج Ţ № Â Ì Ţ ˆ غج ضي Ţ °° ˘ Ң ڎ ' a) شخ ˘ Ψ شخ Â b) °° ˘ Ї ლ Ḡ Â Ш Ї ლ غ 100㎜ ∀ Ŧ´ ლ Â
dv/dt ლ	أ ضي ლ Ŧ ʊ Ї ლ	ˆ dv/dt ლˆ γ Ḡ غ ⋮ Â
Ŧ	أ ضي ლ Ŧ ʊ Ї ლ	Ŧ Ни ⋮ Â
	Ї ლ Ŧ ʊ	Â

ρ Ь ضي Ї ლ Ŧ ʊ ლ L ლˇ ϒ ↕ Ψ Ї ლ غ L ლ شخ Â

ρ Ї ლ ~ / Ŧ (Ни غج) ´ Ƈ №˘ ˆ Ї ლ Â

ˆ ლˇ ą Â

2.3

w	ø^ A~ ä	~ / ₣ ^ mm²~ ^ CEFR ۱ 40%Ա ъ~	ø^ A~ ъ (AC-3)
0.4 kW	1.2	2.5	9
0.75 kW	2.5	2.5	9
1.1kW	3	2.5	9
1.5 kW	3.7	2.5	9
2.2 kW	5	2.5	9
3.7 kW	9	2.5	12
5.5 kW	13	2.5	12

2.4 ~ ₣´ ø

w	~ ø 2% ~ ۱		₣ ø 1% ₣ ۱	
	^ A~	^ mH~	^ A~	^ mH~
0.4 kW	2.2	6.37	1.8	3.89
0.75kW	3.0	4.67	2.6	2.69
1.1kW	4.0	3.50	3.3	2.12
1.5 kW	4.8	2.92	4	1.75
2.2 kW	6.8	2.06	5.7	1.22
3.7 kW	12.0	1.17	10.2	0.69
5.5kW	18.0	0.78	15	0.47

2.5 └-

ĩ ಶ	└-			
	ỵ ^ ß~	ỵ ^ ß~	w- ^ KW~ ^ 30% Kc~	w- ^ KW~ ^ 50% Kc~
0.4 kW	750	100	ů0.2	ů0.3
0.75kW	750	100	ů0.2	ů0.35
1.1 kW	400	100	ů0.4	ů0.5
1.5 kW	400	100	ů0.5	ů0.7
2.2 kW	250	78	ů0.8	ů1
3.7 kW	100	64	ů2.0	ů2.5
5.5kW	100	40	ů2.0	ů2.5

' 1à ĩ ಶ ṗ └- ヽ"Ḥ 100 2

3 Ь

3.1 ĭ ڪ à Ũ

		Ũ	
´	ھ	ضي Ḡ ´ Ţ	٨ ید ‰´
شي	شي ' ھھ ط ṗ G ھھ ~ Ŧo 10cm à ت ت 5cm Â ' ٧ : ч Â ۋ ۋ ڠ ~ ~ ~ Ь ٣ ۷ Â	Ũ شي ' ضي ⌈ à ṗ شي Â ŭ ڠ Ь 6 ۾ Â	ĭ ' ضي ‰´ Ţ ~ à à à ĭ Â
	-10 Ņ ˙ +40 Ņ ˇ 40 Ņ ˇ ą ˇ ٦ 1 Ņ ˇ 1% Â 50 Ņ h ٨ ٣ Â ۷ G -10 Ņ ˇ ۷ ↑ ۷ Â	-20 Ņ ˙ +60 Ņ ˇ ĭ G 1 Ņ / № Â	-20 Ņ ˙ +60 Ņ
٨	70 ˙ 106 kPa 0.7 ˙ 1.05 ٨	70 ˙ 106 kPa 0.7 ˙ 1.05 ٨	60 ˙ 106 kPa 0.6 ˙ 1.05 ٨
⌟	10Hz Ů f Ů 57Hz' ' 0.075mm 57Hz Ů f Ů 150Hz' ۷ ' 9.8 m/s2	10Hz Ů f Ů 57Hz' ' 0.075mm 57Hz Ů f Ů 150Hz' ۷ ' 9.8 m/s2	⌟ ' `E ⌟ Н I I
Ⅱ $\mathcal{D}_\rho$	Ь ¨Ņ	ṿ 100m/s² 11ms	ṿ 100m/s² 11ms
Й	Ь ¨Ņ	250mm˘ <100kg ' 100mm˘ ů 100kg Â	250mm˘ <100kg ' 100mm˘ ů 100kg Â
	G 95%RH˘ o		
	٧ G 1000 ˇ Â 1000 شي ˇ ۷ 100 ٧ 1% ˇ ٧ ٨ ĭ Ŧ Â 3000 h ٨ ٣ Â		
	2		
r	ą ض à à ضي à r à r Â Ь ˇ ٣ ۷ Â		

3.2 Ь h

3.2.1 h

ч ↄ ≠ G Ї ל ˘ Ї ל ممم ضي h Â Й β

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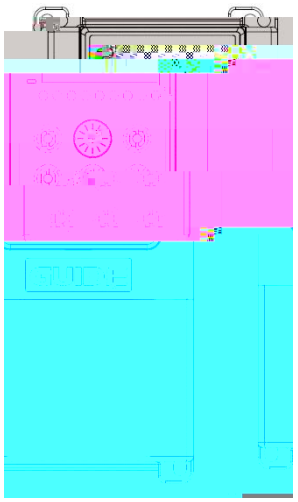
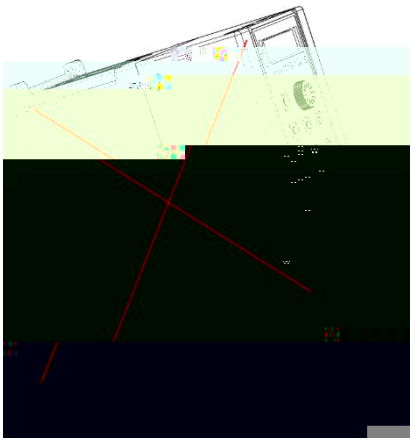
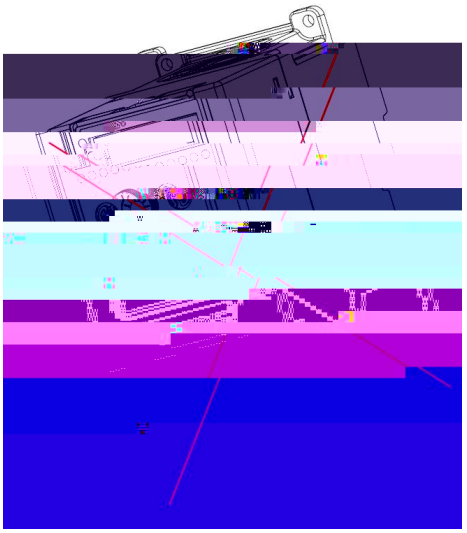
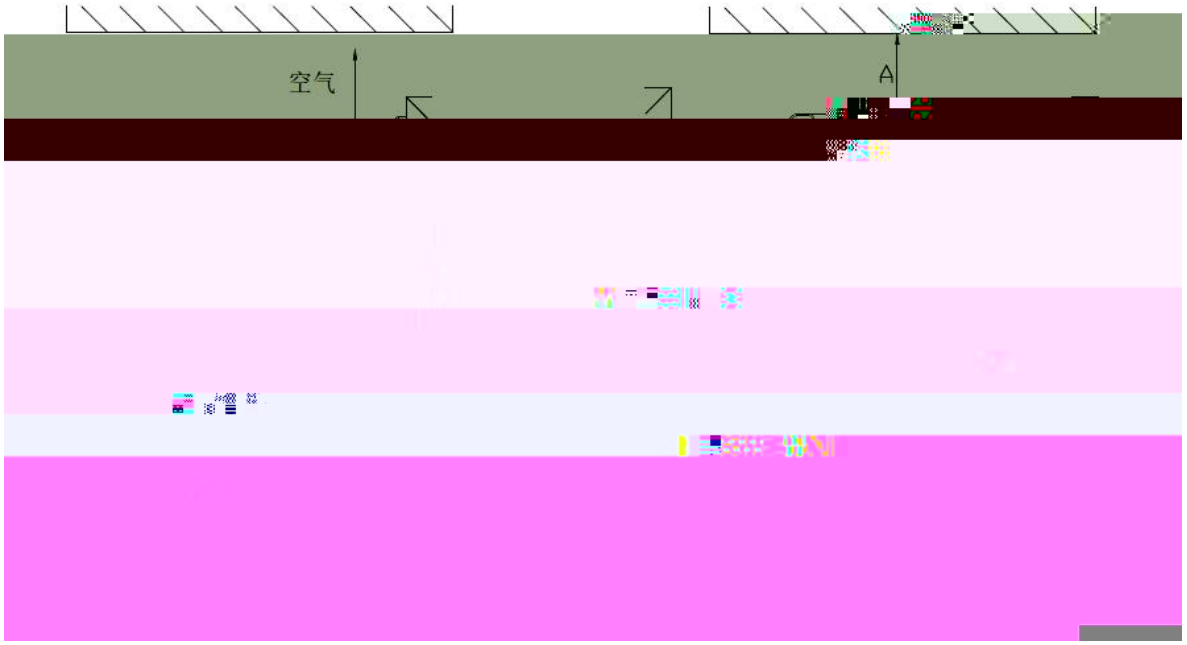
		

3.2.2

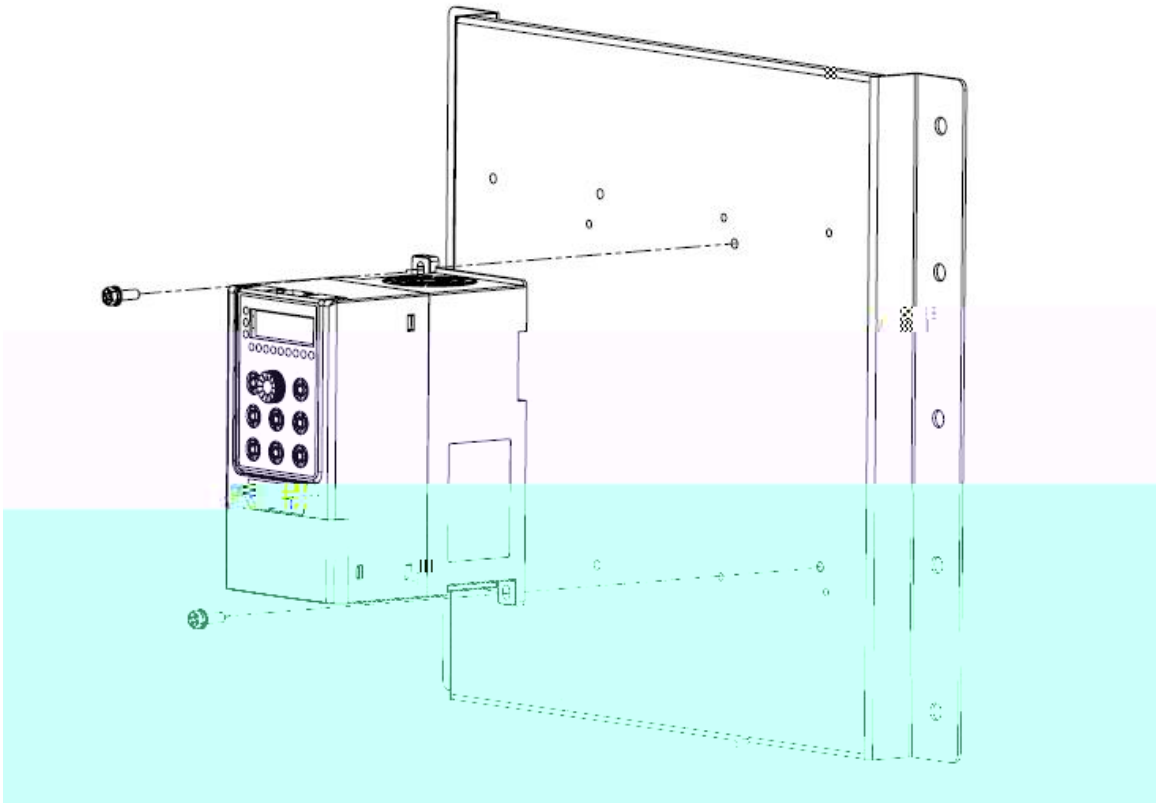


ممم	W	(۱ β ' mm)	
R1	0.4kW˙ 2.2kW	A ů 100	B ů 20
R2	3.7kW˙ 5.5kW	A ů 200	B ů 20

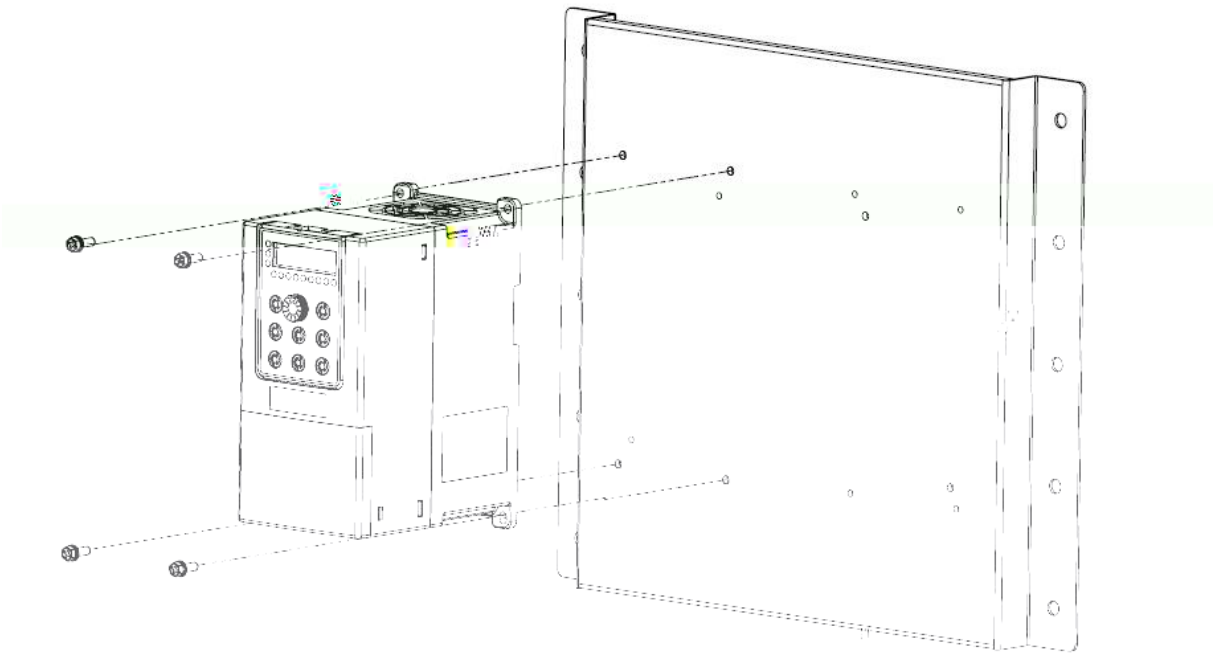
3.2.3

Ь □ W ﻲﺸﻳ غ ﻍﺠ ˘ ۲ Й ̊̊ ج Â

ˆ 1˜ R1̊̊ ج



ˆ 2˜ R2°° ₾

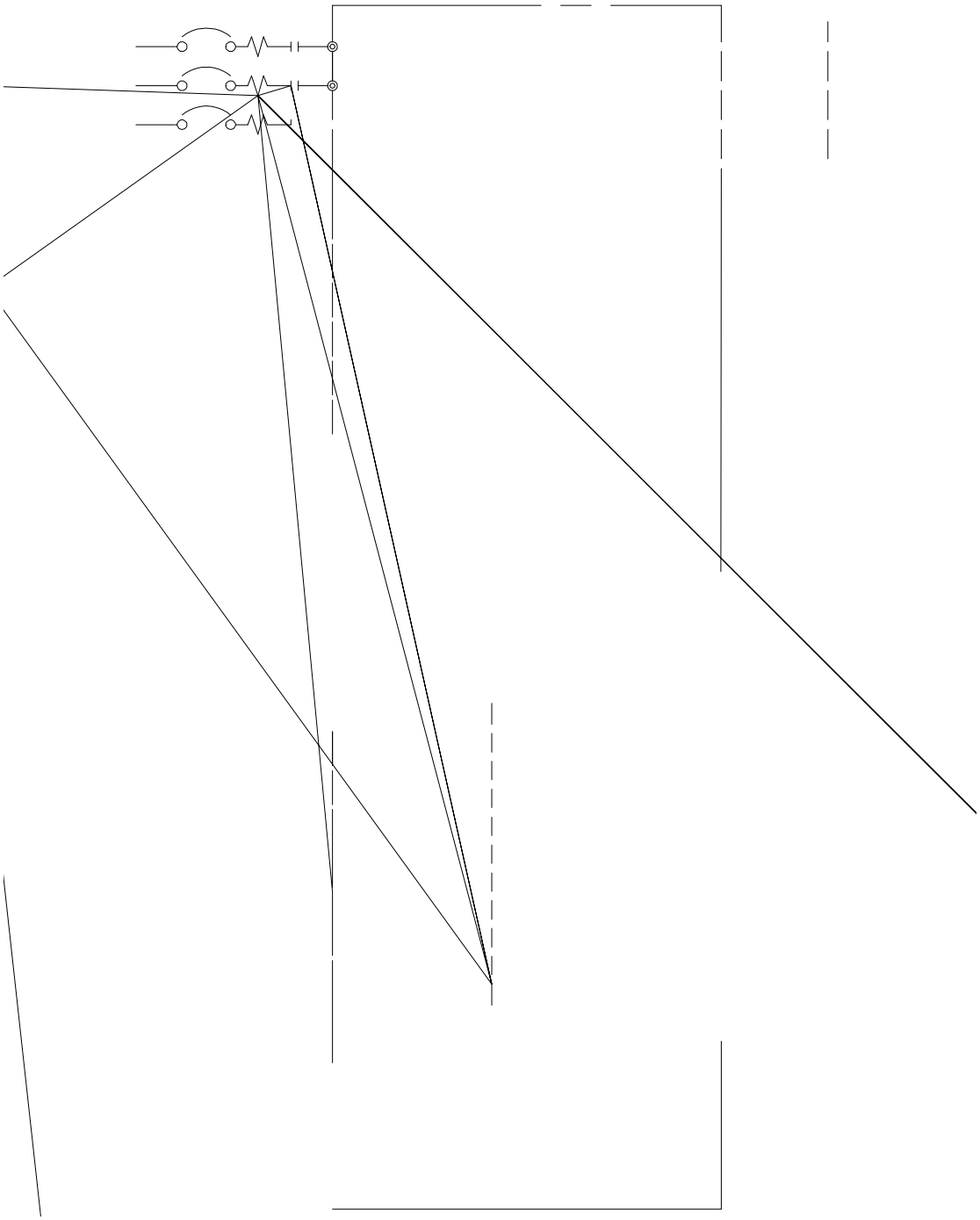


˜	ﷺ	W	ﷺ
1	R1	0.4kW˙ 2.2kW	2-M5
2	R2	3.7kW˙ 5.5kW	4-M5

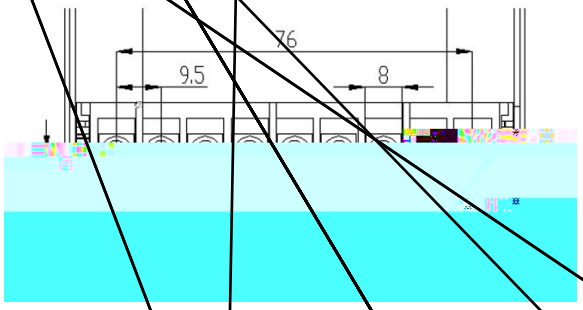
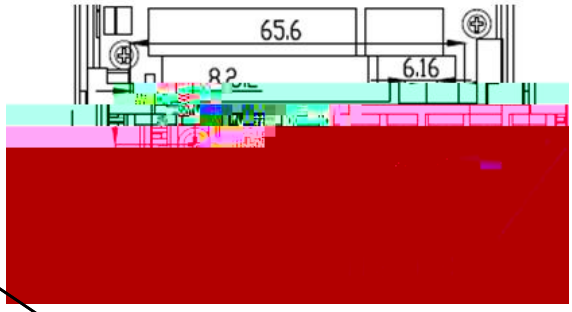
' M5: 20 ¤ 2KGF.CM Â

3.3

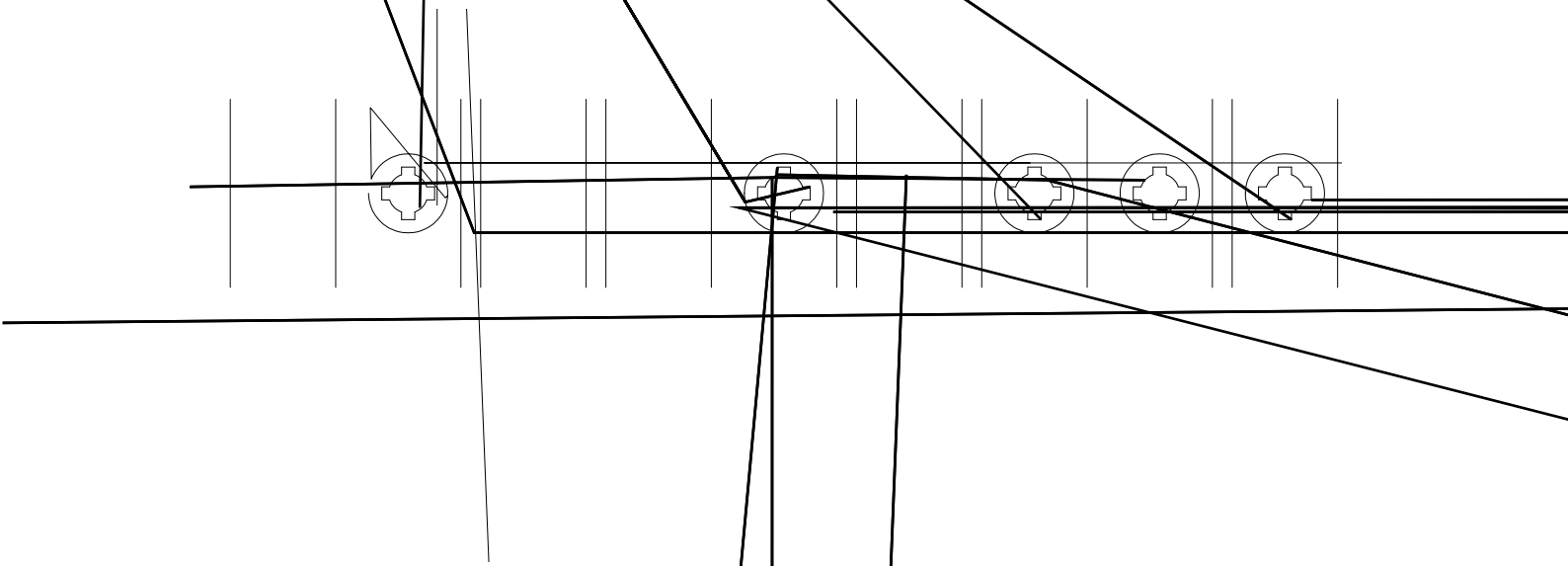
3.3.1 ‰ ⇄



3.3.2 h ﻍ

R1 h ﻍ № ﻱ	R2 h ﻍ № ﻱ
	

ˆ 1˜ R1~R2 ﻗﻣ h ЙД ﻱ'



5 Ḡ ǐ ᓚ Ь ᒪ ᓀ Ţ ᓚ˜ ϒ ѽ
ǐ ᓚ Ни Â

6 ǐ ᓚ Ь ᓀ ₰ ᓚ ˘ ₩ Ḡ
ᓚ ˉ ƀ ˘ ₇ Ḡ ضِ ǐ ᓚ ₹ ˘
ᓚ ˉ ƀ Â

7 [redacted] ᓚ Zᓚ

3.3.4 L

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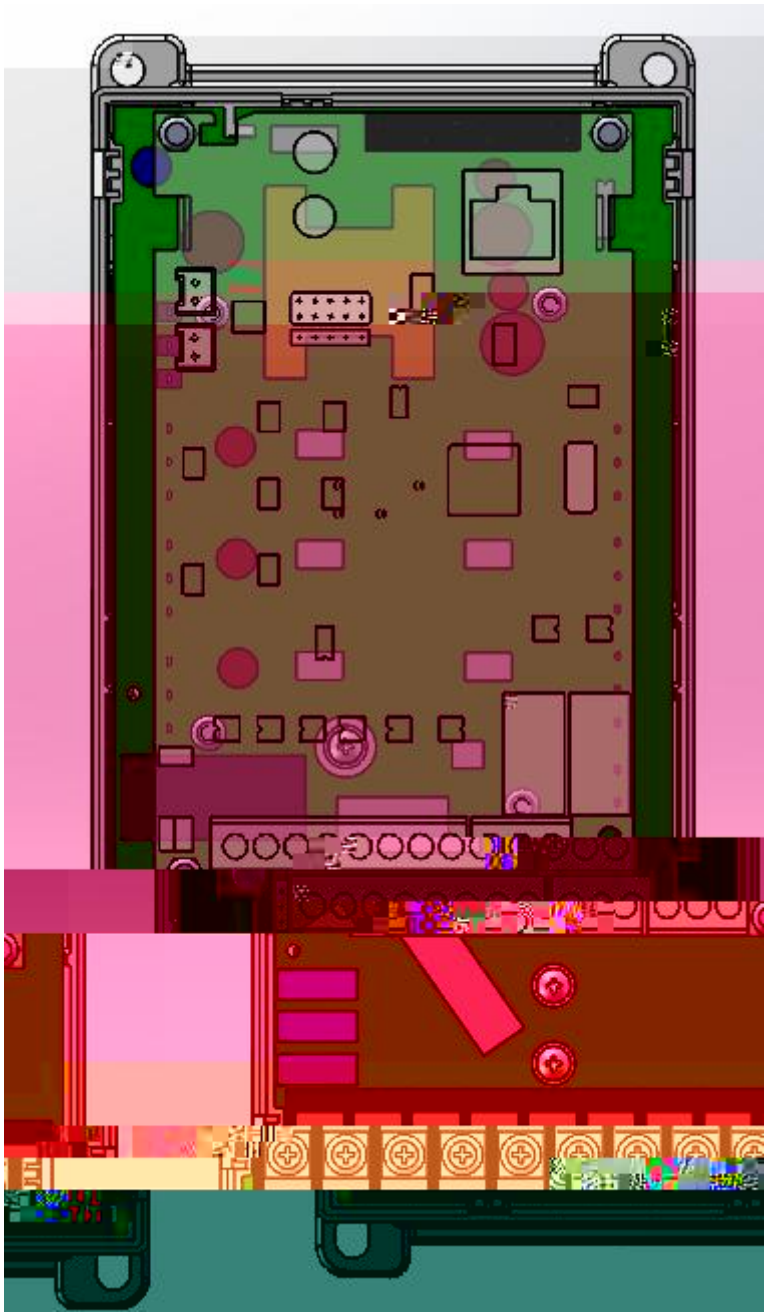
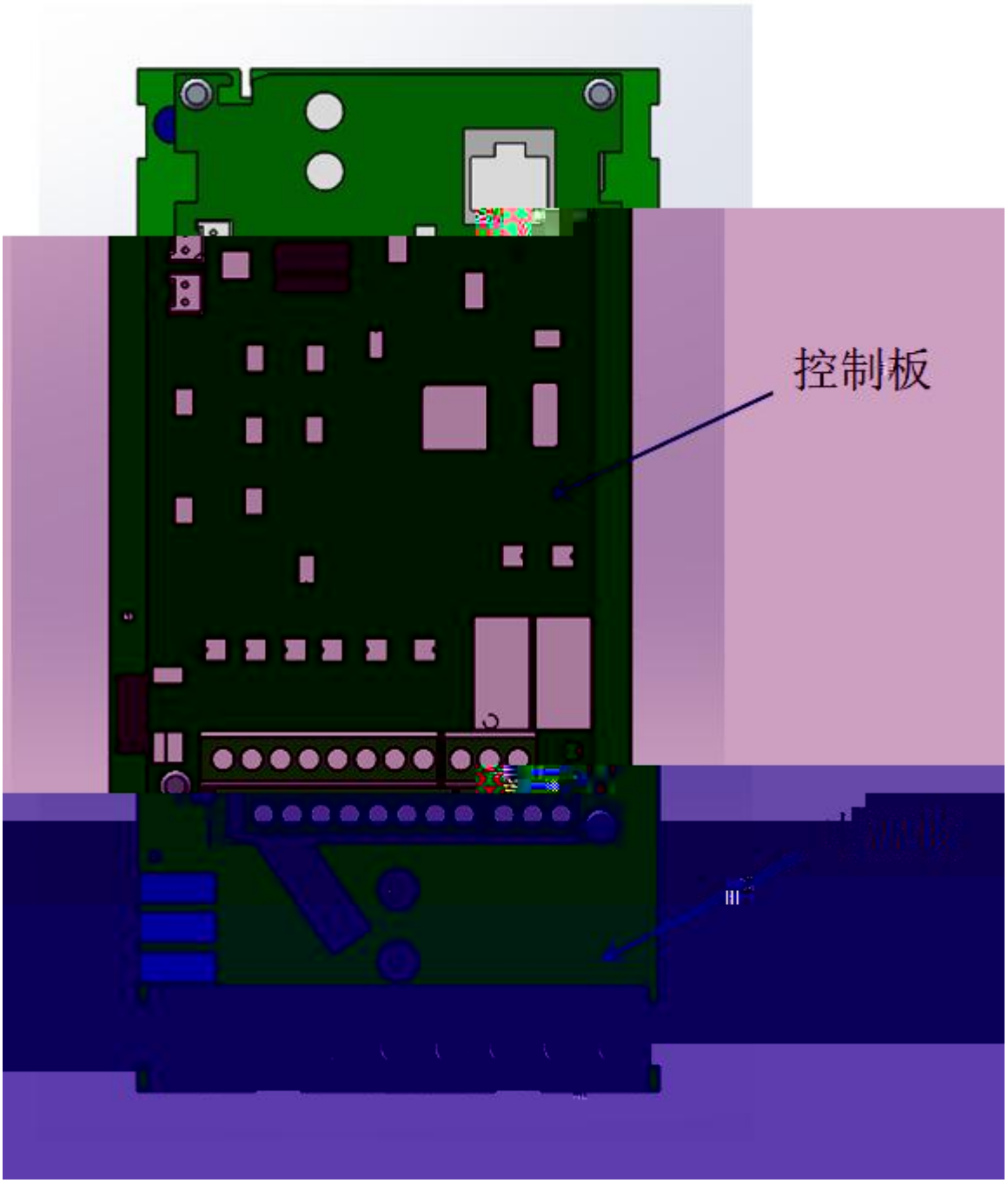
GF630N01 L β ב

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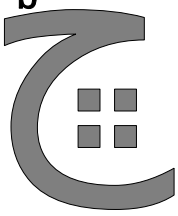


GF630N01 ↓ Ï ୬ LED Þ ă à k ˘ γ Ï ă м à /

w

ˆ 1˜ LED ƀ

'

ľ RUN Ŀ ' ضي ˜ Ɋ ↕

ľ REV Ŀ h ' ضي ľ ˜ Ɋ ↕

ľ LOCAL Ŀ ضر / ' ضي ضر ˜

ľ ERR Ŀ / ' ضي ₣ ضي ő ȝ ˜ ì ɾ '

↕

ɣ β '

ľ HZ Ŀ ضي ╠ ő ɣ β ч Hz RPM ˜ Ɋ ↕

ľ A Ŀ ضي ╠ ő ɣ β ч A RPM % ˜ Ɋ ↕

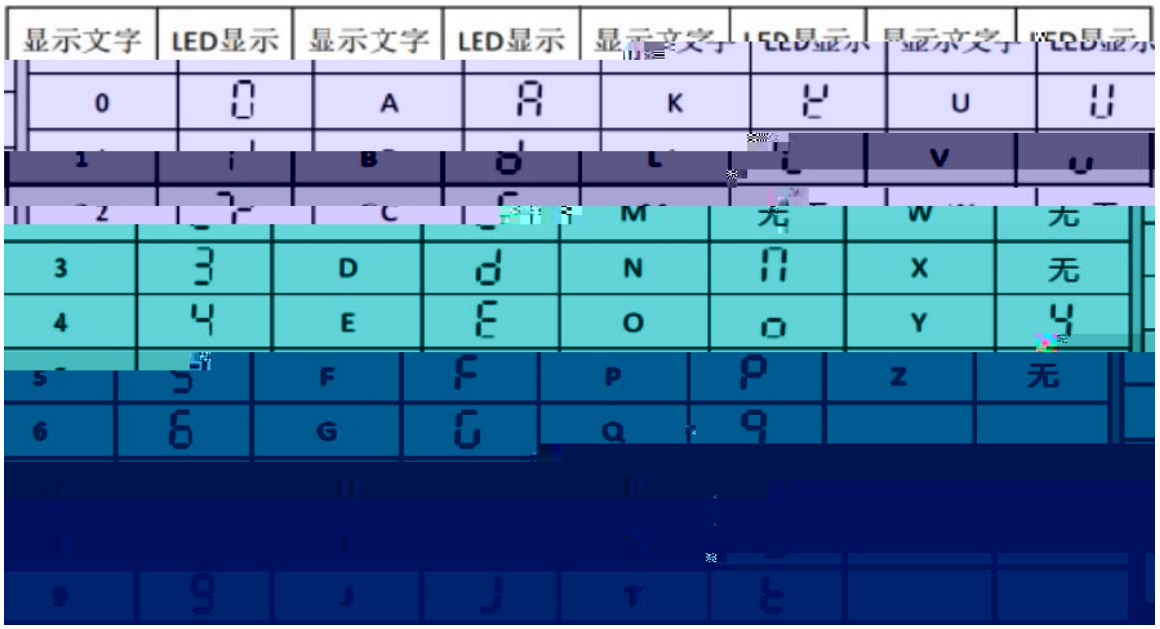
ľ V Ŀ ضي ╠ ő ɣ β ч V % ˜ Ɋ ↕

ˆ 2˜ LED ƀ LED

ɣ

ƀ ˜ 5 β LED ˜ ˆ ɣ à ₣ ˜ Ɏ ɣ ĭ

ɳ Â Й, ב Ь LED



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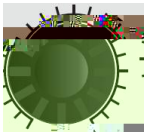
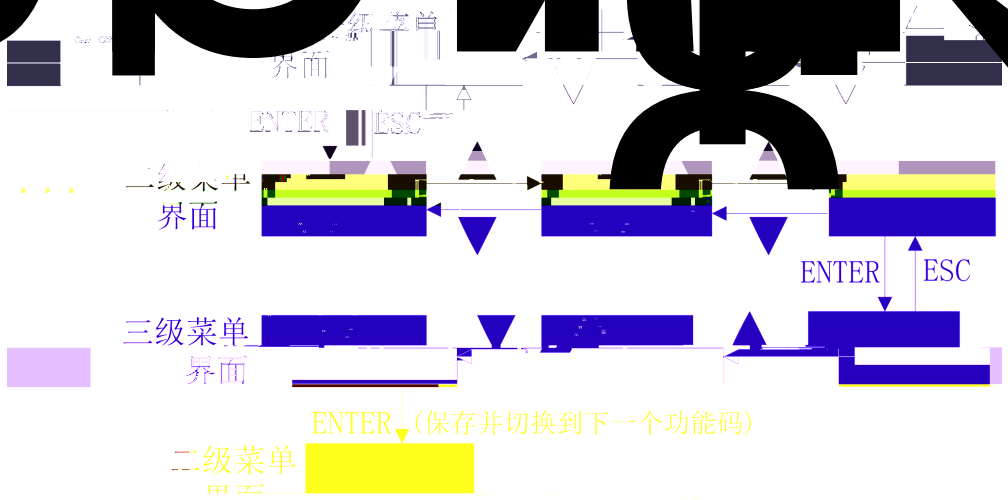
	O	W
ESC	Ч	ˆ ~ ₣ ₩ Ч Â ESC ~ ₩ Ч˘ ₩ Ч ESC ﻉ Â
		ă Δ . U˘ ˆ ĩ
MFK	W	ˆ ˫ h Ⓟ ˘ ˆ ث ɒ Ⓟ ⌡
	⁛	⁛ Ч ă +1
	Й	Й Ч ă -1
	ˇ	ă hˇ ˫ β
ENTER		~ Ч ˘ ă
RUN		Ω˫
STOP	Å	Å / β

4.2.2 LED Ъ Ч

ˆ 1˜ ғ

Й˘ LED G W / ˘ Ь

Ⓟ Й ﻉ'


界面
ENTER
ESC
界面
ENTER
ESC
三级菜单
界面
ENTER（保存并切换到下一个功能码）
二级菜单

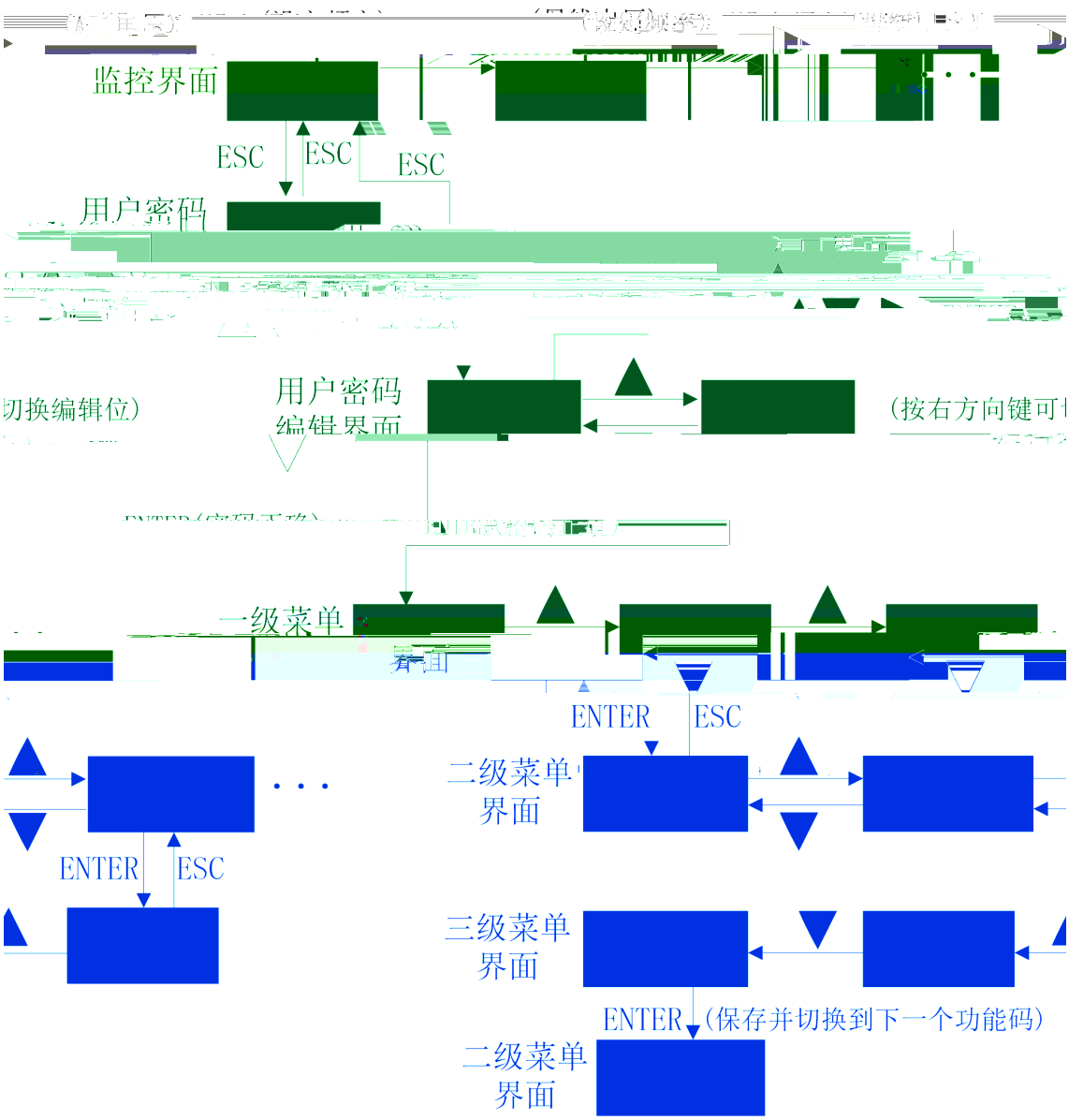
ˆ 2˜ ƒ ƻ

ƻ ˇ ضِ Й ɾ Ⓟ ⌈ w ₩ ヽ

˜ Â ESC ˜ ˜ₒ ˇ ˜ₒ ⁝⁝ (ǵ)/

Й(ɳ)/ ˚ ( )/ENTER Ţ ĸ ₩ ɷ ˆ ˜ ˇ ˜

ENTER U ˉ ˜ ₩ ヽ ˇ ì ɾ ƀ ǐ ⁝⁝ Â

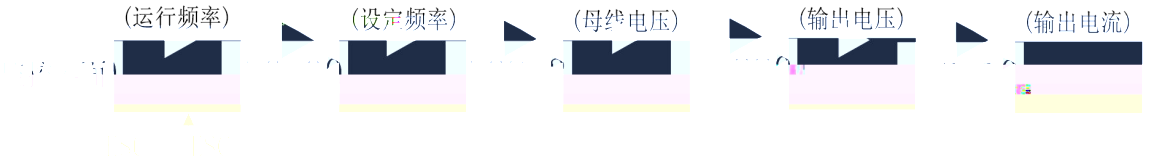


ˆ 3˜

ЙҖ LED G w / ˘ Ь

℗ Ь ЙҖ з˘ p ЙҖ ˜ ă ≠ Ь Ь

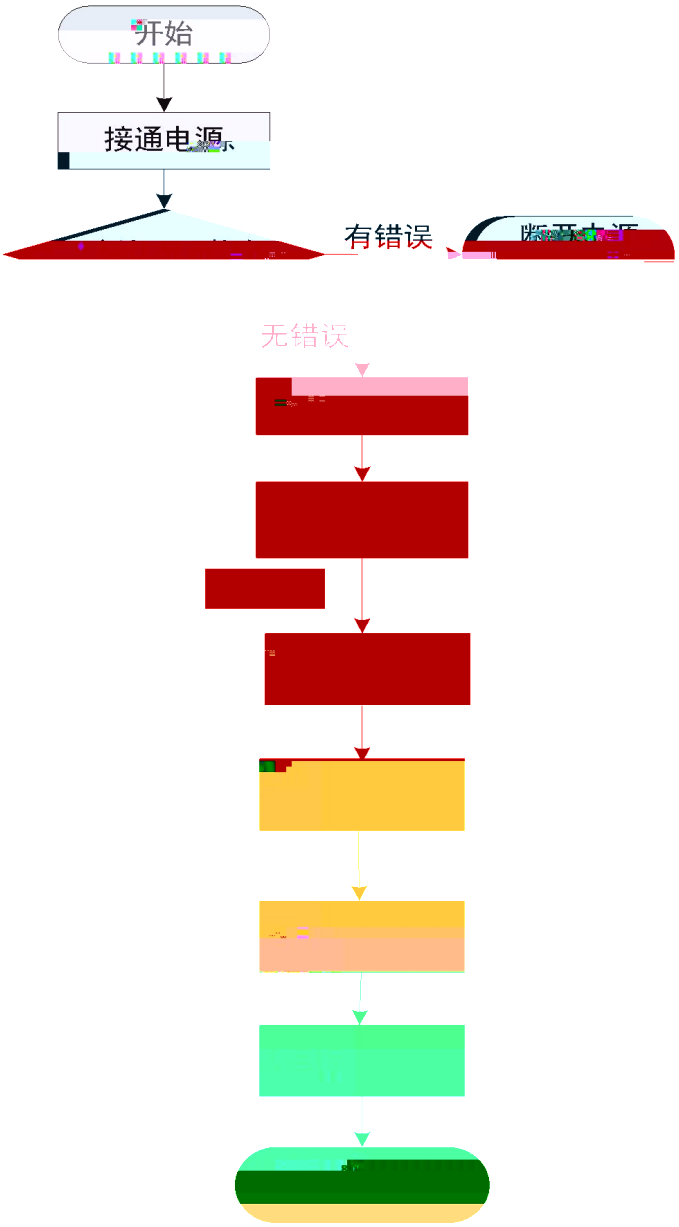
□ Â ЙҖ ˜ ă w P02.03 ¿ P02.04 Â



5 Ï ¸

5.1 Ï ¸

Ý Ñ¸ ¾Ù Â



5.4 ắ

V/F Ӆ˘ Ӆ ắ ˘ Â

w O ỵ

P08.10 (Hz) / / Ⅱ /
‰˘ З ѵ / F

5.5 ќ ї

ї	ђ	
ї	1. └ à ќ ' 2. P10.53 ч 1˜ ENTER ˘ TUNE˜ ~ ќ ї ' 3. RUN ќ ї˘ ї Ţ ERR ˘ ї U ¬ ж	ї g Ь ғ ,,ښي ˘ ї^ Й, ќ ' 1. (P10.22); 2. (P10.23); 3. (P10.24); Â
ї	1. └ à ќ ' 2. P10.53 ч 2˜ ENTER ˘ TUNE˜ ~ ќ ї ' 3. RUN ќ ї˘ ї Ţ ERR ˘ ї U ¬ ж	ї g Ь ^ Y ,,ښي ˘ ї^ Й, ќ ' 1. (P10.22); 2. (P10.23); 3. (P10.24); 4. ε (P10.25); 5. (P10.26);

ˆ 1˜ ї ╠ Hu

GF630N01 ↓ Ґ ся ╘ ќ ї w Â‰ ќ ї g ќ

Â ч ъ Ğ └ ˘ Ґ ся ‰ ˘ w Ь

‰ ˘ Ґ ся └ Й, Â

ї ╠ Y Й,ضم ф Hu '

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ϖ Ь ỉ	Ь ˆ ɣ ˘ ӟ' Ь ˘ ӟ Â
ė Ї ҏ ϖ ≠	w Ь Ї ҏw ˘ ˆ ӟˆ w Ь ɢ Ї ҏw 1/5˜ Â
ă˝ ˜ ϖ	P10 ă˝ ϖ Ь ă˝ ₩ ˘ w à ≀ à à Â ˜ ˆ ӟ Â

ˆ 2˜ '

Й̨ ض Й̨ Â

╠ ė ևﺥ ŋ˘ Å ﺟ ė ŋ ϖ ˫

ƀ Â ϖ ˆ ϖ ĭ ˫ ˜ ˘ ₰ ė ⋮

ϖ Â

ą ƀ ƀ Й̨ '

	ƀ	ʜ
1	˘ Δ	
2	ч ض L˘ LOCAL ˟ '	
3	ƀ UP/DOWN ˘ ă˝ ч 5Hz	
4	RUN ˘ Ї ҏ˘ RUN ˟ ˘	ɣ h ˘ ғ Ї ҏ '
5	4 Ţ ˘ ↕ ₰ ẏ 50Hz	ƀ ₹ ˘ Ḡ Ь ₹ '
6	U˘ STOP ˘ Å Â	

ˆ 3˜ '

Й̨ Й̨ Â

ṗ

6.1 ă̆ L P0

w	O	ж	₣ ∧ ỵ	
P00.00		0˙ 65535	0	æ
P00.01	ă̆ Δ .	0ƍ ƀ 01' ₣ ∧ ă̆ ˘ Ь´ ă̆ 02' Ḥ	0	Æ
P00.02	w ă̆	ɷ β' P23,P27 0ƍ 0Ь 1' ∨ β' P11,P13,P16 19,P2 ,P29,P30, 31 0ƍ Ь	1	æ
P00.03	Ḡ			
P00.04	w ḱ	0ƍ ˆ ḱ 1' Ь ˆ ḱ	0	æ

6.2 P2

w	O	₣ ∧ ỵ
P02.00 Ḡ	0ƍ MF.K 1' ƀ Ь ث Ɒ ˆ ث Ɒ ث Ɒ ˜	
P02.01 MF.K w	Ⓟ 2' ǐ Ⓟ 3' ⌐ 4' ǐ ⌐ 0ƍ Ö32 ىحن ىحن ىحن ىحن ىحن Ù :	0 Æ
P02.02 STOP w		

P02.03	LED ǎ 1	0000 FFFF Bit00: 1 Hz Bit01: Hz Bit02: ı V Bit03: ǂ ı V Bit04: ǂ A Bit05: ǂ w kW Bit06: ǂ % Bit07: DI Bit08: DO ǂ Bit09: AI1 ı V Bit10: AI2 ı V Bit11: AI3( ) ı V Bit12: ų Bit13: ų Bit14: Bit15: PID	1F	æ
P02.04	LED ǎ 2	0000 FFFF Bit00 PID ǐ Bit01 PLC Bit02 PULSE Ǆ kHz Bit03 2 Hz Bit04 ▼ φ Bit05 AI1 ı V Bit06 AI2 ı V Bit07 AI3( ) ı V Bit08 Bit09 Hour Bit10 Min Bit11 PULSE Ǆ Hz Bit12 ų Bit13 ƍ ǐ Hz Bit14 h X Hz Bit15 Y Hz	0	æ

			0000 FFFF Bit00: ^ Hz~ Bit01: ^ V~ Bit02: DI ~ Bit03: DO ₹ Bit04: AI1 ^ V~ Bit05: AI2 ^ V~ Bit06: AI3( ) ^ V~ Bit07: ụ Bit08: ụ Bit09: PLC Bit10: Bit11: PID Bit12 PULSE ~ ǁ ^ kHz~		
P02.05	LED Å	ă		33	æ
P02.06			0.0001 -Ð000 Ŏ		æ

6.3 ~ P3

w	O		₰	₣ ∧ ɣ
		0		
		1		
P03.00	~ 1	2 ĭ		
		3		
		4	⌐	
		5 ĭ	⌐	
		6	UP	
		7	DOWN	
		8	Å	
		9	β	
		10	Å	
		11		~
		12		

31'
32'
33' ~
3 k ą
35' PID b̆ h ŭ ĭ
36' Å Ḥ̂ 1
37' Ω̄ Ⓟ 2
38' PID № Å
39' h X Ь Ⓟ
40' Y Ь Ⓟ
41' 1
42' 2
43' PID ă̋ Ⓟ Ь
44' Ꮋ 1
45' Ꮋ 2
46' L / L L

P03.16	DI 1	0' 1' ɣ ɷ β' DI1 ʏ β' DI2 β' DI3 ʟ β' DI4 ' β' DI5	0	Æ
P03.17	Ḡ			

6.4 ₣ P4

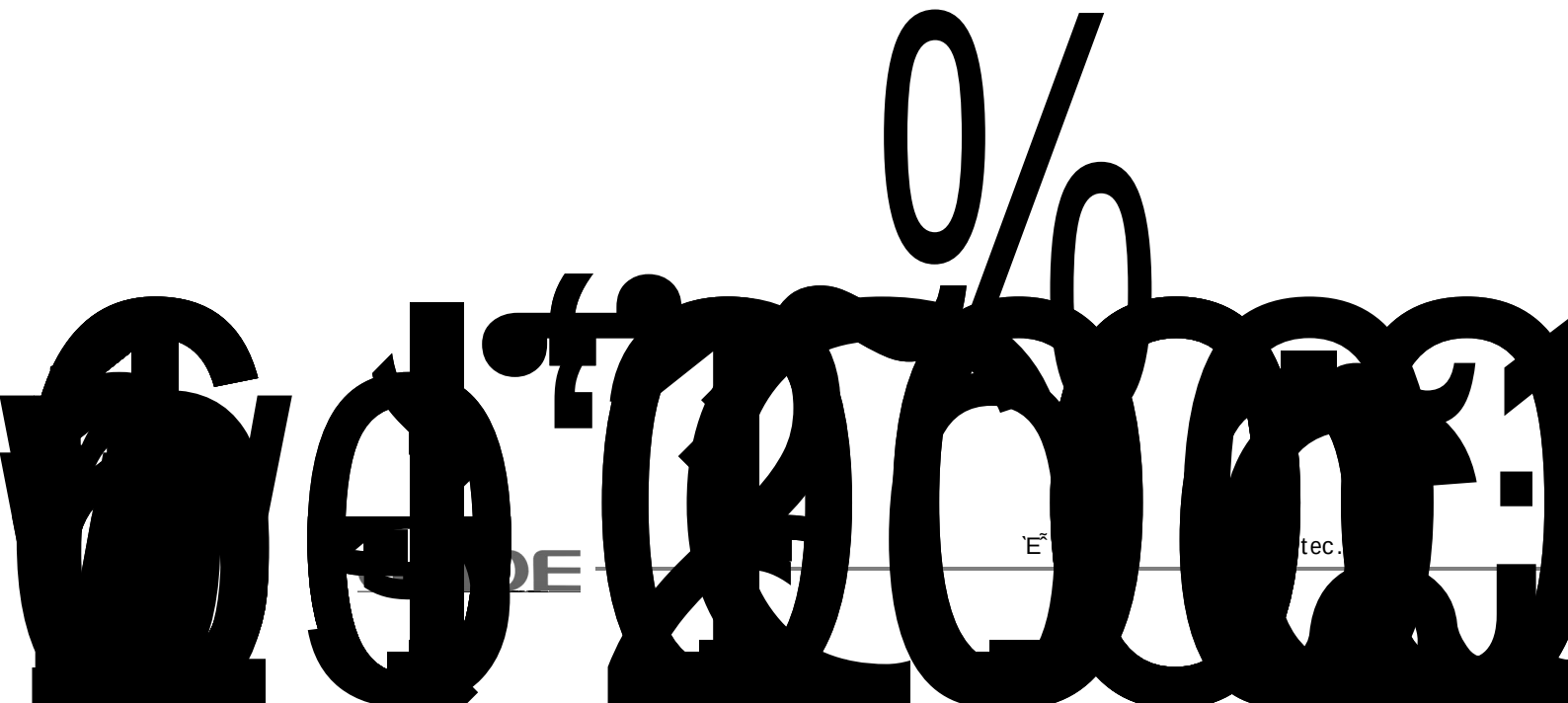
w	O	₰	₣ ʌ ỵ	
P04.00	HDO ₣ ﻡ	0' ll ₣^ FMP˜ 1' ˜ ₣^ FMR˜	0	æ
P04.01	˜ ₣ w	0' 1' Ḥ˜ 2' ₣ 3' FDT1 ₣ 4' ⌠ 5' 1 6' 7' ǐ ᶎ 8' ⌠ ỵ 9' ⌠ ỵ 10' ⌠ 11' PLC 12' ⌠ 13' └ Ţ 14' └ Ţ 15' ‰ 16' AI1 ɢ AI2	0	æ
P04.02	ᶎ 2 ₣ w		2	æ

17' ⌠ ⁝⁝
18' ⌠ Й ^ ~
19' ⁄
20'
21' ^ Ḡ ~
22' ^ Ḡ ~
23' Ţ2 Å З ₹~
24' ⁝⁝ ⌠
25' FDT2 ₹
26' 1⌠ ₹
27' 2⌠ ₹
28' 1⌠ ₹
29' 2⌠ ₹
30' ⌠ ₹
31' AI1 ~ ẏ ﻣﺦ
32'
33' ĩ h
34'
35' ﺷﺠ ⌠
36' ₹ └ ẏ
37' ₹ Й ^ Å '₹

ʃ

P5.21 Al ʏ g ~ ỵ

ɷ β :Al1 ʏ g ~
0: ~
1:0.0%
Ⱳ β' Al2 ʏ g ~ ˘ 0 æ
□;;
β' Al3 ʏ g ~ ˘
□;;



6.7 Ḡ ă P7

w	O	₂₀	₹ ∧ ỵ
P07.00	Ḡ	0 Ḡv	L

P07.14	W̄ ﻗﻤﻢ	0̓ 1' Ĭ ١ ˝ḤḠ 3̓ ⁞ 4' 8̓ ‖ 11' 15' 18̓ 21' ă̈ Ώ 22̓ Ĭ ح Ð 24' Ḡ 25' Ḡ 26' ⌠	.	á̋
P07.15	ʜ ﻗﻤﻢ	27: ʜ 1 28: ʜ 2 29: ⌠ 30̓ 31' PID ĭ ĸ 40̓ 41' Ⓟ 45' 51' Δ β 100̓ ٧ ١ 101' ⁞ ١ 102̓ ١	.	á̋
P07.16	⁞⁞⁞ ^ W̄ ~ ﻗﻤﻢ	105' ١ 108̓ ح 110̓ ٧ 111' Ĭ ح 112̓ ض 113̓ ~ 114' ₹ 115' 118̓ ح /PG ١ 119: Ẓ 120̓ ﺷﺠ 170̓ 202̓	.	á̋

P07.17	,,, ^ ₩ ~	.	.	á
P07.18	,,, ^ ₩ ~	.	.	á
P07.19	,,, ^ ₩ ~ ۱	.	.	á
P07.20	,,, ^ ₩ ~ ~	.	.	á
P07.21	,,, ^ ₩ ~ ₹	.	.	á
P07.22	,,, ^ ₩ ~ ǐ ᶎ	.	.	á
P07.23	,,, ^ ₩ ~ ,‘,	.	.	á
P07.24	,,, ^ ₩ ~	.	.	á
P07.25	Ḡ	.	.	á
P07.26	Ḡ			
P07.27	ʜ	.	.	á
P07.28	ʜ	.	.	á
P07.29	ʜ	.	.	á
P07.30	ʜ ~	.	.	á
P07.31	ʜ ₹	.	.	á
P07.32	ʜ ǐ ᶎ	.	.	á
P07.33	ʜ ,‘,	.	.	á
P07.34	ʜ	.	.	á
P07.35	Ḡ	.	.	á
P07.36	Ḡ			
P07.37	₩	.	.	á
P07.38	₩	.	.	á
P07.39	₩	.	.	á

P07.40	ẅ	~	.	á
P07.41	ẅ	₹	.	á
P07.42	ẅ	ǐ ⍼	.	á
P07.43	ẅ	⁘	.	á
P07.44	ẅ		.	á
P07.45	Ḡ			
P07.46	Ḡ			

(,

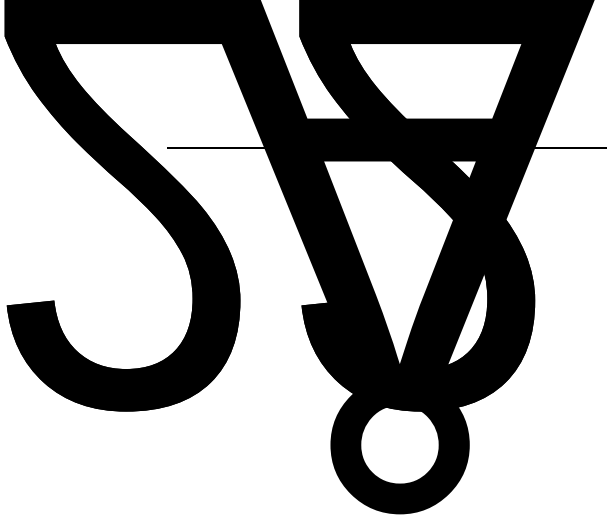
			ȹ β' Ɥ 1ˆ 27˜ 0' Å 1' Å Å 2'			
			Ⱶ β' Ɥ 2ˆ 28˜ 0' Å 1' Å Å 2'			
			β' ⁘ ⌡ ˆ 29˜ 0' Å 1' Å Å 2'			
P07.49	Ḡ ¬ ƀ	3			0	æ
			Ⱡ β' ˆ 30˜ 0' Å 1' ⋮ Å 2' ⋮ ⌡ 7% ˘ Ь ¬ ⌡ ' β' PID ǐ ĸ ˆ 31˜ 0' Å 1' Å Å 2'			
P07.50	Ḡ ¬ ƀ	4	ȹ β' Ẓ ˆ 119˜ 0' Å 1' Å Å 2'		0	æ
			Ⱶ β' ˆ 115˜ β' Δ β ˆ 51˜			

P07.55		0.0%˙ 100.0%ˆ 100.0% P08.10˜	100.00%	æ
P07.56	Ḡ			
P07.57	Ḡ			
P07.58	Ḡ			
P07.59	Å ¯ ƀ	0ʹ 1ʹ ⋮ 2ʹ ⋮ Å	0	æ
P07.60	Å¯ ƀ Å ∞	80.0% ˙ 100.0%	90.00%	æ
P07.61	Å ﾉ ﾍ ∞	0.00s˙ 100.00s	0.50s	æ
P07.62	Å ¯ ƀ ∞	60.0%˙ 100.0%ˆ ‰ ﾉ˜	80.00%	æ
P07.63	Ḡ	0ʹ 1ʹ	0	æ
P07.64		0.0˙ 100.0 ₹	10.00%	æ
P07.65		0.0˙ 60.0s	1.0s	æ
P07.66	Ḡ			
P07.67	ẏ	0.0 ₹ ˙ 50.0 ₹ˆ ˜	20.00%	æ
P07.68		0.0s˙ 60.0s	1.0s	æ
P07.69	Ẓ ẏ	0.0 ₹ ˙ 50.0 ₹ˆ ˜	20.00%	æ
P07.70	Ẓ	0.0s˙ 60.0s	5.0s	æ

6.8 Ω Å L P8

w	O	ﻩ	₣ ﾍ ẏ	
P08.00	Ḡ			
P08.01	1 L	0ʹ D ﻍ L^ SVC˜ 1ʹ Ḡ 2ʹ V/F L	2	Æ
P08.02	Ω¯	0ʹ ƀ ﺙ ﻭ ˆ LED ˜ 1ʹ ﺙ ﻭ ˆ LED ˜ 2ʹ ﺙ ﻭ ˆ LED ˜	0	æ
P08.03	h X	0ʹ ˆ P08.08ʃ UP/DOWN̂ ḱ ˇ Ь ˜ 1ʹ ˆ P08.08ʃ UP/DOWN̂ ḱ ˇ ˜	4	Æ

		5'		
P08.12	¦;:	Й¦ P08.14˙ P08.10	50.00Hz	æ
P08.13	¦;: Ẓ	0.00Hz˙ P08.10	0.00Hz	æ
P08.14	Й¦	0.00Hz˙ ;¦; P08.12	0.00Hz	æ
P08.15		0.5kHz˙ 16.0kHz	ممم	æ
P08.16		0' ٦ 1'	1	æ
P08.17	ѵ 1	0.00s˙ 6500.0s	ممم	æ
P08.18	⁞ 1	0.00s˙ 6500.0s	ممم	æ
P08.19	ѵ ⁞ Ò	0' 1 1' 0.1 2' 0.01	1	Æ
P08.20	Ḡ			
P08.21	Ŋ ѵ Ẓ	0.00Hz˙ P08.10	0.00Hz	æ
P08.22	№	1' 0.1Hz 2' 0.01Hz	2	Æ
P08.23	Å	0' Ь 1'	0	æ
P08.24		0' 1 1' 2 2' 3 3' 4	0	Æ
P08.25	ѵ ⁞ ‰	0' ˆ P08.10˜ 1' 2' 100Hz	0	Æ
P08.26	UP/DOWN˙ ƀ ‰	0' 1'	0	Æ
P08.27	Ω¬ Ь ▫▫	ѡ β' ƀ Ω¬ ▫▫ 0' 1' 2' AI1 3' AI2	0	æ



4' AI3( )
5' PULSE ‖ ^ DI5~
6'
7' PLC
8' PID
9'
\ β' Ω¬ ..
β' Ω¬ ..
\ β' ¬ ..
0' Ω¬

P08.28 Ω¬ 1' 'P Ω¬ 0 æ
2' : Ω¬ ^ ´ ~
0' ɾ Ẕ ɮ

P08.29

6.9 ĩ P9

w	O		₃	ỵ
P09.00		0ʻ G Ţ 1ʻ G	0	æ
P09.01		0.0%˙ 100.0%	0.00%	æ
P09.02		0.0%˙ 50.0%	0.00%	æ
P09.03	Ա	0.1s˙ 3000.0s	10.0s	æ
P09.04	⁝ ⁝ ⁝

˘ `E˜

P09.59	PLC 15 ѵ ⋮	0˙ 3	0	æ
P09.60	PLC ϟ β	0' s^ ~ 1' h^ ~	0	æ
P09.61	Ɒ 0	0' w P09.10 1' AI1 2' AI2 3' AI3( ) 4' PULSE Ⅱ 5' PID 6' ^ P08.08~ ˘ UP/DOWN^ ќ	0	æ

6.10 V/F ǐ 1 ă P10

w	O		₂	₣ ϟ ɣ	
P10.00	VF		0' V/F 1' V/F 2' V/F 3' 1.2 V/F 4' 1.4 V/F 6' 1.6 V/F 8' 1.8 V/F 9' Ḡ 10' VF ɳ № 11' VF ϟ №	0	Æ
P10.01		ϟ	0.0% ^ ⌟ ϟ ~ 0.1%˙ 30.0%	ممم	æ
P10.02		ϟ	0.00Hz˙	50.00Hz	Æ
P10.03	VF	1	0.00Hz˙ P10.05	0.00Hz	Æ
P10.04	VF	ϟ 1	0.0%˙ 100.0%	0.00%	Æ
P10.05	VF	2	P10.03˙ P10.07	0.00Hz	Æ
P10.06	VF	ϟ 2	0.0%˙ 100.0%	0.00%	Æ

P10.07	VF		3	P10.05˙	^ P10.20˜	0.00Hz	Æ
P10.08	VF	˄	3	0.0%˙ 100.0%		0.00%	Æ
P10.09	VF						

P10.26	0.01A	٣ خ

P12.01	№ 1	0.01s˙ 10.00s	0.50s	æ
P12.02	Ⓟ 1	0.00˙ P12.05	5.00Hz	æ
P12.03	ɒ 2	1˙ 100	20	æ
P12.04	№ 2	0.01s˙ 10.00s	1.00s	æ
P12.05	Ⓟ 2	P12.02˙	10.00Hz	æ
P12.06	L	50%˙ 200%	100%	æ
P12.07		0.000s˙ 0.100s	0.000s	æ
P12.08	L :	0˙ 200	64	æ
P12.09	L Й ⁘ ^ ⌟ ~	0' P12.10 1' AI1 2' AI2 3' AI3( ) 4' PULSE Ⅱ 5' 6' MIN(AI1,AI2) 7' MAX(AI1,AI2) 1-7 ˘ P12.10	0	æ
P12.10	L Й ⁘ ^ ⌟ ~	0.0%˙ 200.0%	150.00%	æ
P12.11	Ḡ			
P12.12	Ḡ			
P12.13	: ɒ	0˙ 60000	2000	æ
P12.14	: №	0˙ 60000	1300	æ
P12.15	ɒ	0˙ 60000	2000	æ
P12.16	№	0˙ 60000	1300	æ
P12.17	№	ɷ β' №№ 0' 1'	0	æ
P12.18	Ḡ			
P12.19	Ḡ			
P12.20		1%˙ 300%	50%	Æ
P12.21	⌟	10%˙ 500%	100%	æ
P12.22	№Ò	2˙ 10	2	æ

6.13 2 L P13

w	O	₂	₣ ∧ ỵ	
P13.00	ɒ 1	1 100	30	æ
P13.01	№ 1	0.01s 10.00s	0.50s	æ
P13.02	Ⓟ 1	0.00 P13.05	5.00Hz	æ
P13.03	ɒ 2	1 100	20	æ
P13.04	№ 2	0.01s 10.00s	1.00s	æ
P13.05	Ⓟ 2	P13.02	10.00Hz	æ
P13.06	L	50% 200%	100%	æ
P13.07		0.000s 0.100s	0.000s	æ
P13.08	L :	0 200	64	æ
P13.09	L Й, ⁚ ^ ˩ ~	0 P13.10 1 AI1 2 AI2 3 AI3( ) 4 PULSE Ⅱ 5 6 MIN(AI1,AI2) 7 MAX(AI1,AI2) 1.7 ˇ P13.10	0	æ
P13.10	L Й, ⁚ ^ ˩ ~	0.0% 200.0%	150.00%	æ
P13.11	Ḡ			
P13.12	Ḡ			
P13.13	: ɒ	0 60000	2000	æ
P13.14	: №	0 60000	1300	æ
P13.15	ɒ	0 60000	2000	æ
P13.16	№	0 60000	1300	æ
P13.17	№	ɷ β № № 0 1	0	æ
P13.18	Ḡ			
P13.19	Ḡ			
P13.20		1% 300%	50%	æ
P13.21	˩	10% 500%	100%	æ

P13.22	№Ò	2˙ 10	2	æ
P13.23	2 L	0ʻ D ₹ Lˆ SVC˜ 1ʻ Ḡ 2ʻ V/F L	0	Æ
P13.24	2 ѵ ⋮	0ʻ Ь 1 □ 1ʻ ѵ ⋮ 1 2ʻ ѵ ⋮ 2 3ʻ ѵ ⋮ 3 4ʻ ѵ ⋮ 4	0	æ
P13.25	˥	0.0%ʻ ˆ ˫ ˥˜ 0.1%˙ 30.0%	ﷺ	æ
P13`.26	Ḡ			
P13.27	L	0˙ 100	ﷺ	æ

6.14 ă P14

w O ﷺ ﷺ

P15.11	PID	ĩ.	0.00	650.00s	[redacted]

P16.13	VDO3 ₣w	0 Ь DIxṗ 1 40 P04 DO ₣	0	æ
P16.14	VDO4 ₣w	0 Ь DIxṗ 1 40 P04 DO ₣	0	æ
P16.15	VDO5 ₣w	0 Ь DIxṗ 1 40 P04 DO ₣	0	æ
P16.16	VDO1 ₣	0.0s 3600.0s	0.0s	æ
P16.17	VDO2 ₣	0.0s 3600.0s	0.0s	æ
P16.18	VDO3 ₣	0.0s 3600.0s	0.0s	æ
P16.19	VDO4 ₣	0.0s 3600.0s	0.0s	æ
P16.20	VDO5 ₣	0.0s 3600.0s	0.0s	æ
P16.21	VDO ₣	0 1 ĩ ŒΒ VDO1 ΝΒ VDO2 Β VDO3 ΝΒ VDO4 ’ Β VDO5	0	æ

6.17 P19

w	O	₂ₒ	₣ Ν ỵ	
P19.00	AI 4 ~	-10.00V P19.02	0.00V	æ
P19.01	AI 4 ~	-100.0% +100.0%	0.00%	æ
P19.02	AI 4 1 ~	P19.00 P19.04	3.00V	æ
P19.03	AI 4 1 ~	-100.0% +100.0%	30.00%	æ
P19.04	AI 4 2 ~	P19.02 P19.06	6.00V	æ
P19.05	AI 4 2 ~	-100.0% +100.0%	60.00%	æ
P19.06	AI 4 ~	P19.04 +10.00V	10.00V	æ
P19.07	AI 4 ~	-100.0% +100.0%	100.00%	æ
P19.08	AI 5 ~	-10.00V P19.10	-10.00V	æ
P19.09	AI 5 ~	-100.0% +100.0%	-100.00%	æ
P19.10	AI 5 1 ~	P19.08 P19.12	-3.00V	æ

P19.11	AI	5	1	~	-100.0%· +100.0%	-30.00%	æ
P19.12	AI	5	2	~	P19.10· P19.14	3.00V	æ
P19.13	AI	5	2	~	-100.0%· +100.0%	30.00%	æ
P19.14	AI	5		~	P19.12· +10.00V	10.00V	æ
P19.15	AI	5		~	-100.0%· +100.0%	100.00%	æ
P19.16~ P19.23	Ḡ						
P19.24	AI1				-100.0%· 100.0%	0.00%	æ
P19.25	AI1				0.0%· 100.0%	0.50%	æ
P19.26	AI2				-100.0%· 100.0%	0.00%	æ
P19.27	AI2				0.0%· 100.0%	0.50%	æ
P19.28	AI3				-100.0%· 100.0%	0.00%	æ
P19.29	AI3				0.0%· 100.0%	0.50%	æ
P19.30	AI1		ㄴ	1	0.500V · 4.000V	₹ ∧	æ
P19.31	AI1		ㄴ	1	0.500V · 4.000V	₹ ∧	æ
P19.32	AI1		ㄴ	2	6.000V · 9.999V	₹ ∧	æ
P19.33	AI1		ㄴ	2	6.000V · 9.999V	₹ ∧	æ
P19.34	AI2			1	0.000V · 20.000mA	₹ ∧	æ
P19.35	AI2			1	0.000V · 20.000mA	₹ ∧	æ
P19.36	AI2			2	0.000V · 20.000mA	₹ ∧	æ
P19.37	AI2			2	0.000V · 20.000mA	₹ ∧	æ
P19.38	Ḡ					₹ ∧	æ
P19.39	Ḡ					₹ ∧	æ

P19.48	Ḡ			
P19.49	Ḡ			

6.18 L P20

w	O		₹ ^ ẏ	
P20.00	/ L	0' L 1' L	0	Æ
P20.01	L Ӣ	0' 1ˆ P20.03˜ 1' AI1 2' AI2 3' AI3( ) 4' Ⅱ 5' 6' MINˆ AI1,AI2˜ 7' MAXˆ AI1,AI2˜ ˆ 1-7 ˘ P20.03 ˜	0	Æ
P20.02	Ḡ			
P20.03	L Ӣ	-200.0%˙ 200.0%	150.00%	æ
P20.04		0˙ 10.00	0.00%	
P20.05	L h	0.00Hz˙	50.00Hz	æ
P20.06	L ǐ h	0.00Hz˙	50.00Hz	æ
P20.07	L ѵ	0.00s˙ 650.00s	0.00s	æ
P20.08	L ⁞	0.00s˙ 650.00s	0.00s	æ

6.19 L ă̆ P21

w	O		₹ ^ ẏ	
P21.00	⌟	0.00Hz˙	2.00Hz	æ
P21.01	⌟ ѵ	0.0s˙ 6500.0s	20.0s	æ
P21.02	⌟ ⁞	0.0s˙ 6500.0s	20.0s	æ

P21.31	к ⌠ ₣ 1	0.0%˙ 100.0%ˆ	~	0.00%	æ
P21.32	к ⌠ ụ 2	0.00Hz˙		50.00Hz	æ
P21.33	к ⌠ ₣ 2	0.0%˙ 100.0%ˆ	~	0.00%	æ
P21.34		0.0%˙ 300.0% 100.0%		5.00%	æ
P21.35		0.01s˙ 600.00s		0.10s	æ
P21.36	₣ ụ	0.0%ˆ Ь ~ 0.1%˙ 300.0%ˆ	~	200.00%	æ
P21.37	₣	0.00s˙ 600.00s		0.00s	æ
P21.38	к ⌠ 1	0.0%˙ 300.0%ˆ	~	100.00%	æ
P21.39	к ⌠ 1	0.0%˙ 300.0%ˆ	~	0.00%	æ
P21.40	к ⌠ 2	0.0%˙ 300.0%ˆ	~	100.00%	æ
P21.41	к ⌠ 2	0.0%˙ 300.0%ˆ	~	0.00%	æ
P21.42	w	0: 1:		0	Æ
		0ˈ P21.44¢v	ˆ		

P21.43

0

Í ر w

P23.10	AI2 ˆ V˜ / ˆ mA˜	0.01V/0.01mA	700AH	
P23.11	AI3 (V)	0.01V	700BH	
P23.12	ṿ	1	700CH	
P23.13	ṿ	1	700DH	
P23.14		1	700EH	
P23.15	PID	1	700FH	
P23.16	PID ǐ	1	700H	
P23.17	PLC	1	7011H	
P23.18	PULSE ˜ Ⅱ	0.01kHz	7012H	
P23.19	ǐ (Hz)	0.01Hz	7013H	
P23.2:0ₓ		0.1Min	7014H	
P23.21	AI1 ╠	0.001V	7015H	
P23.22	AI2 ╠ ˆ V˜ / ˆ mA˜	0.001V/0.01mA	7016H	
P23.23	AI3 ╠	0.001V	7017H	
P23.24		1m/Min	7018H	
P23.25	╠	1Min	7019H	
P23.26	╠	0.1Min	701AH	
P23.27	PULSE ˜ Ⅱ	1Hz	701BH	
P23.28	ṿ	0.01%	701CH	
P23.29	Ḡ			
P23.3:0 ˆ		0.01Hz	701EH	
P23.31	Y	0.01Hz	701FH	
P23.32	κ ṗ ضر ṿ	1	702:-	
P23.33	Ḡ			
P23.34	ṿ	1Ṇ	7022H	
P23.35	(%)	0.10%	7023H	
P23.36	Ḡ			
P23.37	w غ	0.1£	7025H	

P23.38	Ḡ			
P23.39	VF № ㄧ	1V	7027H	
P23.40	VF № ₣ ㄧ	1V	7028H	
P23.41	DI ~	1	7029H	
P23.42	DO ~	1	702AH	
P23.43	DI w 1(w 01- w 4	1	702BH	
P23.44	DO w 2(w 41- w 8	1	702CH	
P23.45	Ḥ	1	702DH	
P23.46	h ɾ └h ǔ		702EH	
P23.47~ P23.57	Ḡ			
P23.58	Ḡ			
P23.59	(%)	0.01%	703BH	
P23.60	(%)	0.01%	703CH	
P23.61	ǐ ㄔ	1	703DH	
P23.62	╟	1	703EH	
P23.63	ǔ ẏ	0.01%	703FH	
P23.64	ɾ ɷ	1	7040H	

6.21 3 ǎ P28

w	O	₀	₣ ㄧ ẏ	
P28.00	ㅁ	0' 1' ǐ 2' Ḡ	0	Æ
P28.01	w	0.1kW' 6553.5kW	ㅁ	Æ
P28.02	ㄧ	1V' 2000V	ㅁ	Æ
P28.03		0.01A' 655.35A ǐ ㄔw <=55kW~ 0.1A' 6553.5A ǐ ㄔw >55kW~	ㅁ	Æ

P28.04	0.01Hz˙	ضمم	Æ
P28.05	1rpm˙ 65535rpm	ضمم	Æ
	0.001		
P28.06			

P29.03		0.01A˙ 655.35A ĩ ر w <=55k W˜ 0.1A˙ 6553.5A ĩ ر w >55kW˜	ق	Æ
P29.04		0.01Hz˙	ق	Æ
P29.05		1rpm˙ 65535rpm	ق	Æ
P29.06		0.001 ˙ 65.535 ^ ĩ ر w <= 55kW˜ 0.0001 ˙ 6.5535 ^ ĩ ر w > 55kW˜	ă	Æ
P29.07		0.001 ˙ 65.535 ^ ĩ ر w <= 55kW˜ 0.0001 ˙ 6.5535 ^ ĩ ر w > 55kW˜	ă	Æ
P29.08		0.01mH˙ 655.35mH ĩ ر w <=5 5kW˜ 0.001mH˙ 65.535mH ĩ ر w >5 5kW˜	ă	Æ
P29.09	ε	0.1mH˙ 6553.5mH ĩ ر w <=55 kW˜ 0.01mH˙ 655.35mH ĩ ر w >55 kW˜	ă	Æ
P29.10		0.01A˙ P29.03 ĩ ر w <=55k W˜ 0.1A˙ P29.03 ĩ ر w >55kW˜	ă	Æ
P29.11~ P29.36	Ḡ			
P29.37		0 ƀ 1 2	0	Æ

6.23 3 L P30

w	O			₂	₣ ∧ ỵ	
P30.00		ɒ	1	1˙ 100	30	æ
P30.01		№	1	0.01s˙ 10.00s	0.50s	æ
P30.02	Ⓟ	1		0.00˙ P30.05	5.00Hz	æ
P30.03		ɒ	2	1˙ 100	20	æ
P30.04		№	2	0.01s˙ 10.00s	1.00s	æ
P30.05	Ⓟ	2		P30.02˙	10.00Hz	æ
P30.06		L		50%˙ 200%	100%	æ
P30.07				0.000s˙ 0.100s		

		0' P31.10 1' AI1 2' AI2 3' AI3 o ↄ	ł ʞ n 0	ł ʞ n 0	
P31.09		4' PULSE ǁ 5'	0	æ	
		6' MIN(AI1,AI2) 7' MAX(AI1,AI2) 0-7 ˘ P31.10	[redacted]		
P31.10		0.0% · 200.0%	150.00%	æ	
P31.11	Ḡ				
P31.12	Ḡ				
P31.13	: ɒ	0˙ 60000	2000	æ	
P31.14	: №	0˙ 60000	1300	æ	
P31.15	ɒ	0˙ 60000	2000	æ	
P31.16	№	0˙ 60000	1300	æ	
P31.17	№	ɷ β' №№ 0' 1'	0	æ	
P31.18	Ḡ				
P31.19	Ḡ				
P31.20		1%˙ 300%	50%	æ	
P31.21	˩	10%˙ 500%	100%	æ	
P31.22	№Ò	2˙ 10	2	æ	
P31.23	4	0' ɒ ƍ ˩^ SVC˜ 1' Ḡ 2' V/F	0	Æ	
P31.24	4 ɐ ⋮				

P31.25	٦	0.0% ˆ ˫ ٦˜ 0.1% 30.0%	ضمم	æ
P31.26	Ḡ			
P31.27	L	0 100	ضمم	æ

7 ă w

7.1 ă L P0

P00.00		∓ ∧ ų	0
	›₀	0˙ 65535	

P00.00 κ ῡ ɷ ˘ ↕ Ḡ w Â Й ~ ˥ ˘

~ ˘ Ղ ↕ Ь ė ќ w ă ˘ Â

P00.00 ч 00000 ↕ ˘ ą Ḡ w Â

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P00.01

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MF.K Ⓟ ɒ h Â w ٧ ضي ٧ ɒ ɥ ƀ ɒ ث Â

3' ⌐

MF.K FJOG˜ Â

4' ĭ ⌐

MF.K ĭ ⌐ ^ RJOG˜ Â

LED

PLC

PULSE

P02.04

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P02.06	₥	0- î Ķ	г 1

P02.07	ĩ شجـ كح	₹ ∧ ỵ	0
	مخ	0.0Ņ˙ 100.0Ņ	

ĩ شجـIGBT Â

Ь ▯ قمم ĩ شجـIGBT Ḡ ỵ Ь ▯ Â

P02.09		₹ ∧ ỵ	0h
	مخ	0h˙ 65535h	

ĩ كح Â ⌠ P21.17Ủ ĩ كح w

₹w ^ 12˜ ₹ONḢ Â

P02.11	Đ	₹ ∧ ỵ	
	مخ	L Đ Â	
P02.12	β	₹ ∧ ỵ	1
	مخ	0	0 β β
		1	1 β β
		2	2 β β
		3	3 β β

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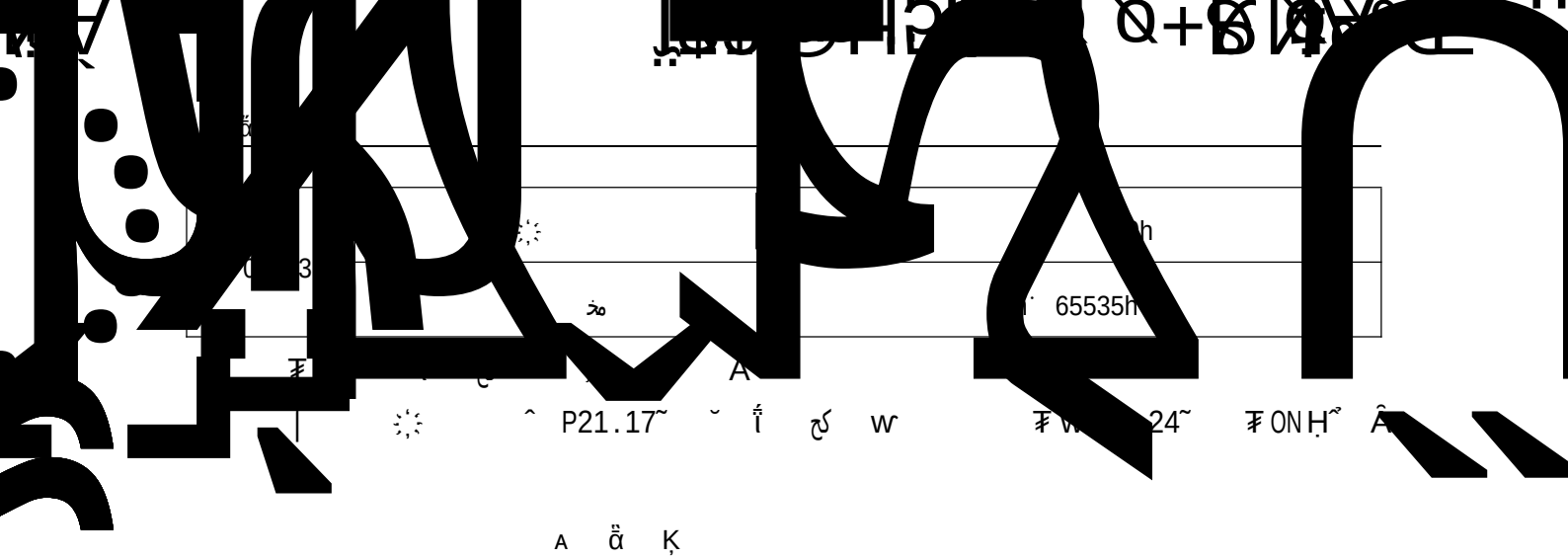

P02.14

4 ⌟ ^ FJOG˜
FJOG ч ⌟ ˇ RJOG ч ⌟ ĭ Â ⌟

ч L ^ P08080 чч

20 ث ɔ Ⓟ

6	1	0	1	0
7	0	1	1	0
8	1	1	1	0
9	0	0	0	1
10	1	0	0	1
11	0	1	0	1
12	1	1	0	1
13	0	0	1	1
14	1	0	1	1
15	0	1	1	1
16	1	1	1	1

0 ๅ OFF 1 ๅ ON

ข ⋮ w

2	1	ข ⋮	ă
OFF	OFF	ข 1	P08.17 à P08.18
OFF	ON	ข 2	P21.03 à P21.04
ON	OFF	ข 3	P21.05 à P21.06
ON	ON	ข 4	P21.07 à P21.08

w

2	1		ă
OFF	OFF	1	P10 à P12
OFF	ON	2	P11

P03.10	DI	₮ ∧ ỵ	0.010s
	ﺡ	0.000s˙ 1.000s	

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P03.11

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DIx	1	ˆ FWD˜
DIy	2	ỉ ˆ REV˜
DIn	3	⁞⁞ L

ضي ˘ ώ ... DIn ˘ DIx DIy ⁞⁞ ˆ ỉ L Â

ضي Å ˘ DIn Ḥ˜ Â ỉ Ţ˘ DIx à DIy à DIn ч DI1˙ DI10 w ~ ˘ DIx à DIy ч ‖ ˘ DIn ч Â

3 ⁞⁞ L 2 ą ч DIn˘ ث פ DIx ₣˘ h DIy = Â w Ѝ'

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1 ˆ FWD˜

P03.13	DI1	₣ ^ ụ		0.0s
	₰		0.0s˙ 3600.0s	
P03.14	DI2	₣ ^ ụ		0.0s
	₰		0.0s˙ 3600.0s	
P03.15	DI3	₣ ^ ụ		0.0s
	₰		0.0s˙ 3600.0s	

P04.01	FMRw ^ ₹ ~	₹ ∧ ỵ	0
P04.02	ლ2 ₹w	₹ ∧ ỵ	
P04.03	Ḡ	₹ ∧ ỵ	0
P04.04	ლ1 ₹w	₹ ∧ ỵ	1
P04.05	Ḡ	₹ ∧ ỵ	4

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w ₹ w ЙӀ'

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0 ₹ ₹ k v w

1 Ĩ ლ Ţ Ĩ ლ g ˘ ₹ ^ ˜ ϒ ч ~˘ ₹ONḤ˜ Â

2 ₹^ Å ~ Ĩ ლ Ü ғ Å ˘ ₹ONḤ˜ Â

3 FDT1 ₹ ă w P21.19 à P21.20 Â

4 ⌠ ă w P21.21 Â

5 Ţ Å Ь ₹~ Ĩ ლ ғ ₹ ч0 ˘ ₹ONḤ˜ Âض Ĩ ლ g Å ˘ Ḥ˜ ч OFF Â

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10 ⌠ P09.05 ˇ ₣ON Ḥ ̊ Â

11 PLC PLC ₩ ɷ Uˇ ₣ ₩ ɷ ч 250ms
Ⅱ Ḥ ̊ Â

12 ⌠ Ť ☋ P21.17 ˇ ₣ON Ḥ ̊ Â

13 Ţ ₣ː Ѝ ˇ ғ Ť ☋ ₣ ˝
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˄ Ł Ị

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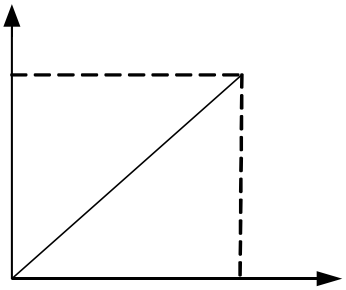
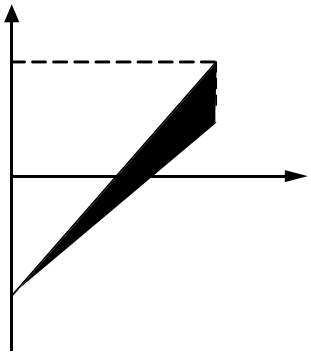
	DO ₹	₹ ∧ ṿ	00000
		ɷ β	FMR
		0	
		1	ǐ
P04.11		∨ β	ↄ2 ^ 0 1˜
		β	Ḡ
		∨ β	ↄ1 ^ 0 1˜
		' β	Ḡ





P05.18	PULSE ~	₣ ^ ỵ	100.0%
	₰	-100.00%˙ 100.0%	
P05.19	PULSE	₣ ^ ỵ	0.10s
	₰	0.00s˙ 10.00s	

w g ˘ DI5 ‖ Ь ң ˜ Â
‖ 7 DI5 ~ ĩ ☪ Â w Ь 1 3˘ ă 1
Â

AI ₣ ^ ỵ 321

P05.20 ₰

P05.21	AI ᵞ G ~	₣ ᴺ ᵥ	000
	₥	₢ β	AI1 ᵞ G ~
		0	~
		1	0.0%
		ᴹ β	AI2 ᵞ G ~ ˆ 0˙ 1˜ □;⁝ ~
		β	AI3 ᵞ G ~ ˆ 0˙ 1˜ □;⁝ ~

w G ˘ ~ ᵑ G Ĭ ~ Ŀ ˘

ᵥ Â

w ₢ β à ᴹ β à β˘ №≠ ~ AI1 à AI2 à AI3 Â

ч 0˜ ↕ AI ~ ᵞ G Ĭ ~ Ŀ ˘ ↕ ˘ ч w

Ĭ ~ Ŀˆ P05.01 à P05.06 à P05.11˜ Â

ч 1˜ ↕ AI ~ ᵞ G ~ ˘ ↕ ч 0.0% Â

7.6 ĭ Ⅱ ₣ P6

P06.00	FMP ₣ w ˆ Ⅱ ₣ ~	₣ ᴺ ᵥ	0
P06.01	AO1 ₣ w	₣ ᴺ ᵥ	0

F M P ₣ Ⅱ ₥ ч 0 . 0 1 k H z ~ P06.03˜ F M P ₣ ~ ˘ P06.03

˜ ϒ ضِ 0.01kHz~50.00kHz ң Â

₣ AO1 ₣ ₥ ч 0V˙ 10V ˘ 0mA˙ 20mA Â Ⅱ ₣ ₣

₥˘ Ь w ˜ Й ˈ

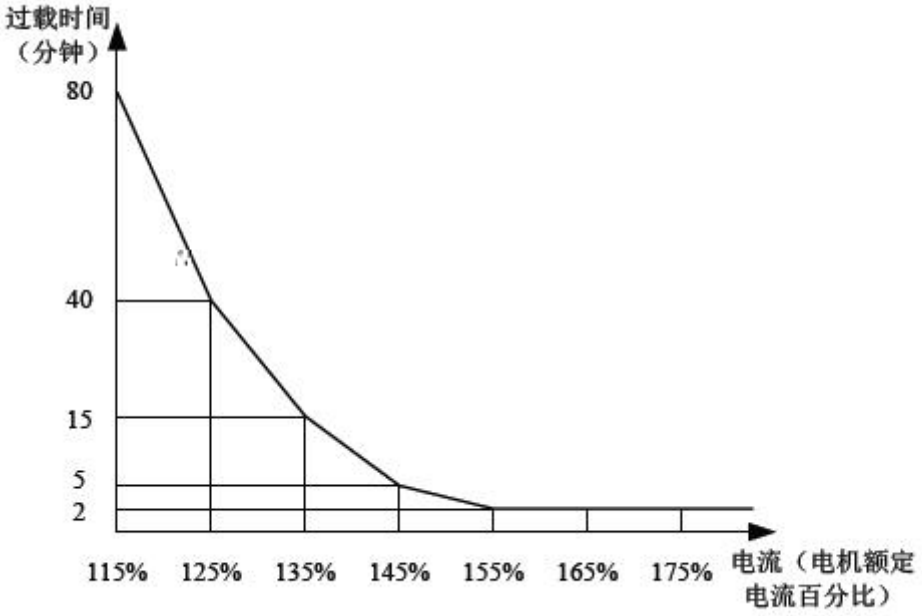
6	PULSE ll ~	0.01kHz˙ 50.00kHz
7	AI1	0V˙ 10V
8	AI2	0V˙ 10V^ 0˙ 20mA~
9	AI3	0V˙ 10V
10		0˙
11	ỵ	0˙ ỵ
12		0.0%˙ 100.0%
13		0˙ ₮

7.7 Ḡ ă P7

P07.00	Ḡ		₹ ∧ ỵ	1
	ﻣﺨ	0		
		1	¨Ḥ	
P07.01	Ḡ		₹ ∧ ỵ	1.00
	ﻣﺨ		0.20˙ 10.00	

P07.00=0' Ḡ w ˘ ˆ 1 =ضي ﺷﺨ ∨ ˘ Ĩ ﻛ Ь Ң ₹ ﻛ'

P07.00=1' Ĩ ﻛ Ḡ Ĩ ˘ ∞ ר Â



ɒ ' ضي 120% ' Й 30 № ˘ ↕ ѽ Й

30 № . Ix

P07.02		₣ ∧ ν	80%
	مخ	50% 100%	

W G ضي Ḡ ╠ DO L ₩ ₡ Ḥ Â
G ضي Ḡ ╠ Â ν ↕ ╠ Â

ĭ ﺝ ₣ ˘ G ĭ Ь P07.02 ě U˘ ĭ ﺝ W
DO ₣ Ĭ L ON Ḥ Â

ﺍ ₣ ∧ ν 0
P07.03
مخ ^ ﺍ ~ 100

ﺍ Ḡ ﺍ ₣ ∧ ν 130%
P07.04
مخ ' Ł 120% 150% ﺝ Ķ Ķ

P07.10	¬ β DO¬ ƀ	₣ ∧ ν	1
	ﻩ	0' Ь¬ ƀ 1' ¬ ƀ	

Ĩ ☇ ☋ ¬ β w ˘ ↕ ﺽ ¬ β ˘ DO ٦¬ ƀ˘

ץ P07.10 Â

P07.11	¬ β	₣ ∧ ν	1.0s
	ﻩ	0.1s˙ 100.0s	

Ĩ ☇ ˘ ⌠ ¬ β ҥ Â

~

P07.12

		₩ ~ ˘ ч'	
P07.20	:::	~	BI T9 BI T8 BI T7 BI T6 BI T5 BI T4 BI T3 BI T2 BI T1 BI T0 DI 0 DI 9 DI 8 DI 7 DI 6 DI 5 DI 4 DI 3 DI 2 DI 1 ~ ч ON Ì Ч Ъ L β ч 1˘ OFF ↕ ч
		₩ ₣ ˘ ч'	
P07.21	:::	₣	BIT4 BIT3 BIT2 BIT1 BIT0 Ḡ ↯ 1 Ḡ ↯ 2 FMP ~ ч ON Ì Ч Ъ L β ч 1˘ OFF ↕ ч 0, DI . ч M L Â
P07.22	:::	Ĩ ↯	Ḡ
P07.23	:::	⁚	₩ ⁚
P07.24	:::		₩
P07.27	Ъ		
P07.28	Ъ		
P07.29	Ъ	۸	
P07.30	Ъ	~	
P07.31	Ъ	₣	
P07.32	Ъ	Ĩ ↯	□ P07.17˙ P07.24
P07.33	Ъ	⁚	
P07.34	Ъ		
P07.37	₩		
P07.38	₩		
P07.39	₩	۸	
P07.40	₩	~	
P07.41	₩	₣	
P07.42	₩	Ĩ ↯	□ P07.17˙ P07.24
P07.43	₩	⁚	
P07.44	₩		

P07.47	Ḡ ˉ ƀ 1		₹ ∧ ỵ	00000
	ɔ̀ₒ	ɷ β	ˆ E011˜	
		0	Ả	
		1	Ả Ả	
		2		
		∨ β	˜ ˆ E113˜ ˆ □ ɷ β ˜	
		β	₹ ˆ E114˜ ˆ □ ɷ β ˜	
		∨ β	ˆ E015˜ ˆ □ ɷ β ˜	
		’ β	ˆ E0202˜ ˆ □ ɷ β ˜	
P07.48	Ḡ ˉ ƀ 2		₹ ∧ ỵ	00000
	ɔ̀ₒ	ɷ β	☋ ˆ E118˜	
		0	Ả	
		1	Ⓟ ч VF˜ Ả Ả	
		2	Ⓟ ч VF˜	
		∨ β	w Ω ˆ E021˜	
		0	Ả	
		1	Ả Ả	
		β	ĩ ☋ ˆ E111˜ ˆ □ P07.47 ɷ β ˜	
		∨ β	ˆ E045˜ ˆ □ P07.47 ɷ β ˜	
		’ β	⌠ ˆ Err26˜ ˆ □ P07.7 ɷ β ˜	

P07.49	Ḡ ⁻ ƀ 3		₣ ∧ ẏ	00000
	ȥ	ɷ β	Ꮋ 1̂ E027˜ ^ P07.47 ɷ β ˜	
		∨ β	Ꮋ 2̂ E028˜ ^ P07.47 ɷ β ˜	
		β	⁞ ⌠ ^ E029˜ ^ P07.47 ɷ β ˜	
		∨ β	^ E030˜	
		0	Ả	
		1	Ả Ả	
		2	⁞ ⌠ 7% ˘ Ƅ ↕ ⁻ ⌠	
		' β	PID ǐ ʁ ^ E031˜ ^ P07.47 ɷ β ˜	
P07.50	Ḡ ⁻ ƀ 4		₣ ∧	00000
	ȥ	ɷ β	Ẓ ^ E119˜ ^ P07.47 ɷ β ˜	
		∨ β	^ E115˜ ^ P07.47 ɷ β ˜	
		β	Δ β ^ E051˜ ^ P07.47 ɷ β ˜	
		∨ β	ǐ ^ E052˜ ^ P07.47 ɷ β ˜	
		' β	Ḡ	

ч ľ Ả Ŀ ˘ ǐ ↂ E** Ả Â

ч ľ Ả Ả Ŀ ' ǐ ↂ A** Ả Ả ˘ Ả U E** Â

ч ľ Ŀ ' ǐ ↂ A** P07.54 Â

P07.54			₣ ∧ ẏ	0
	ȥ	0	Ɣ ╟	
		1	Ɣ	
		2	Ɣ⁞	
		3	Ɣ Ѝ	
		4	Ɣ	

P07.55		₣ ∧ ų	100.0%
	ж	0.0% 100.0%	

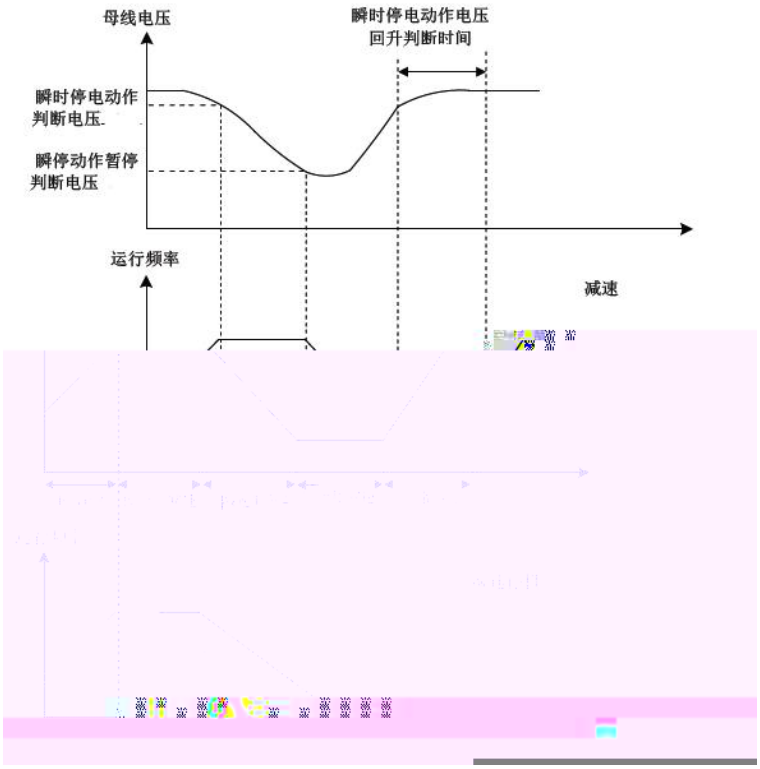
ĭ ᶎ Ţ ˘ ғ ч ˘ ĭ ᶎ

A** ɣ P07.54 Â

˘ P07.55 ų˘ G № Â

Å ƀ ₣ ∧ ų 0

P07.59 ж



Å ˗ ƀ ىح

P07.63	Ḡ		∓ ∧ ẏ	0
	ىخ	0		
		1		
P07.64			∓ ∧ ẏ	10.0%
	ىخ		0.0%˙ 100.0%˜	
P07.65			∓ ∧ ẏ	1.0s
	ىخ		0.0s˙ 60.0s	

Ḡ w ˘ ↕ ǐ ح ∓ G P07.64˜ ғ
G P07.65 ˘ ǐ ح ∓ ˗ ٧ ч 7% Â ضي Ḡ
˘ ˘ ↕ ǐ ح ˗ ч Â

	ỵ	₹ ∧ ỵ		15.0%
P07.67				
	₯		0.0% 50.0%	~
		₹ ∧ ỵ		1.0s
P07.68				
	₯		0.0s 60.0s	

1' Ḡ

2' V/F └ ɢ Ь ˘ ₩̃ ĩ ᄀ ˉ ˜ ي ˘ à

Â˜ ɢ ₩ ˉ ˜ ي Â

' └ ă Â₇ ‰ ă Ü

└ п ㄋ Â ᄀ ă P12 w ^ 2 ч P13 ˜˘

˜ п Â

	ث פ		₣ ∧ ẏ	0
P08.02	ﻍ	0	Ъ ث פ ^ LED ˜
		1	ث פ ^ LED ˜
		2	ث פ ^ LED ˜

ĩ ᄀ └ث פ ˜ Â

ĩ ᄀ └ث פ´ ' Ω¨ à Ả à à ǐ à ˉ Â

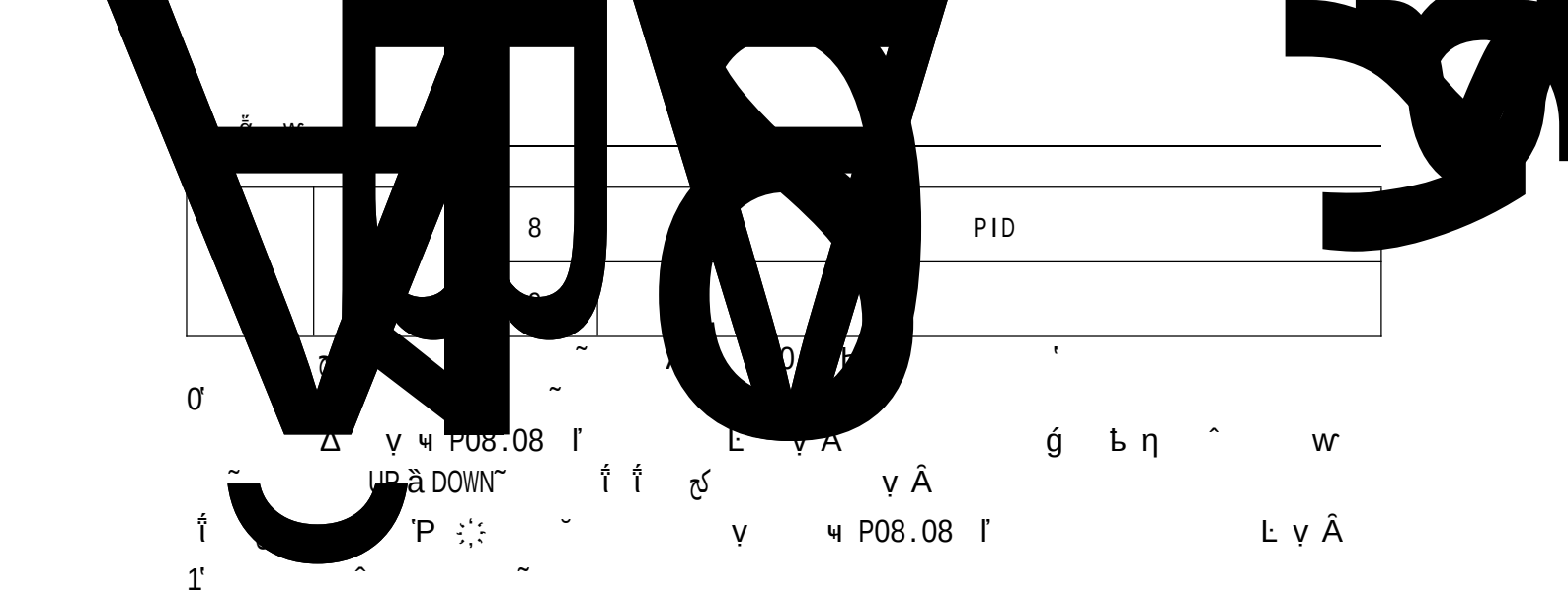
0' Ъ ث פ ^ l' LOCAL Ŀ ˜ ' Ъ RUN à STOP/RES ث פ └Â

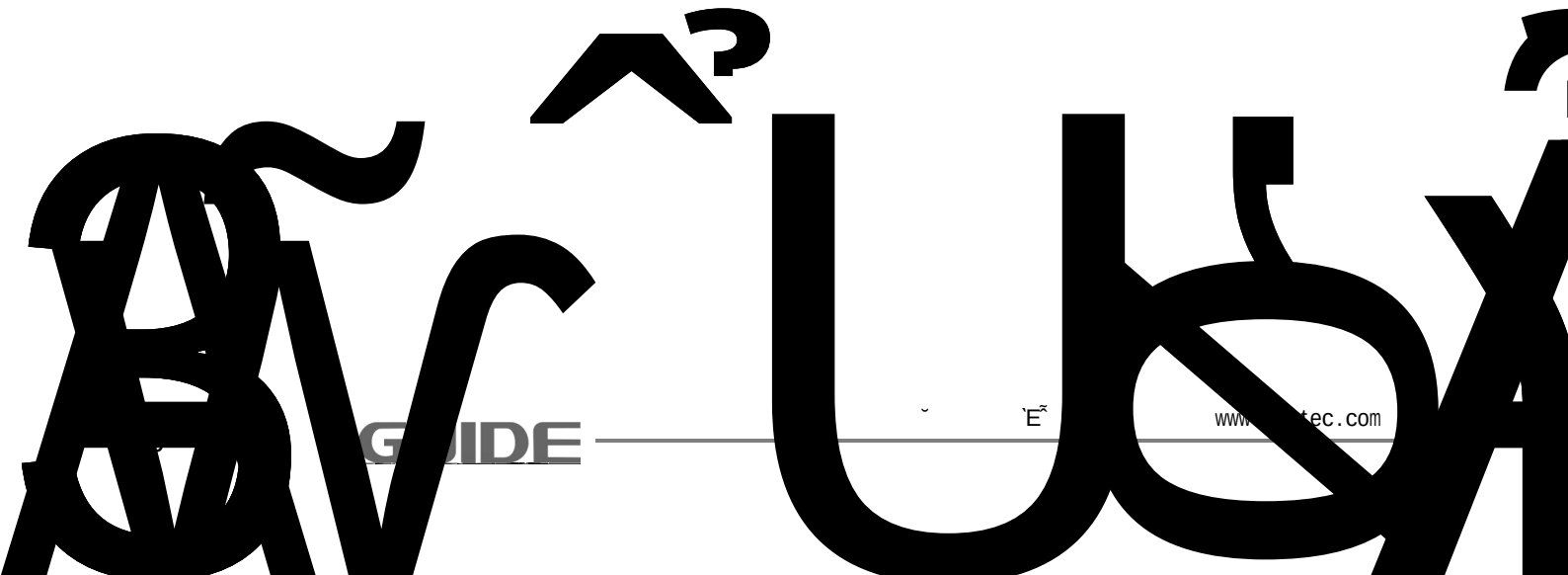
1' ث פ ^ l' LOCAL Ŀ ˜ ' w ˜ FWD à REV à JOGF à JOGR ˘ ث פ └Â

2' ث פ ^ l' LOCAL/REMOT Ŀ ˜ ث פ β ₣ Â ˘ ∧ Â

	h X		₣ ∧ ẏ	0
P08.03	ﻍ	0	^ P08.08ˇ UP/DOWN˜ ḱ ˘ Ь ˜
		1	^ P08.08ˇ UP/DOWN˜ ḱ ˘ ˜
		2	AI1
		3	AI2
		4	AI3
		5	ǁ ^ DI5˜
		6	ɒ
		7	PLC

	8	PID

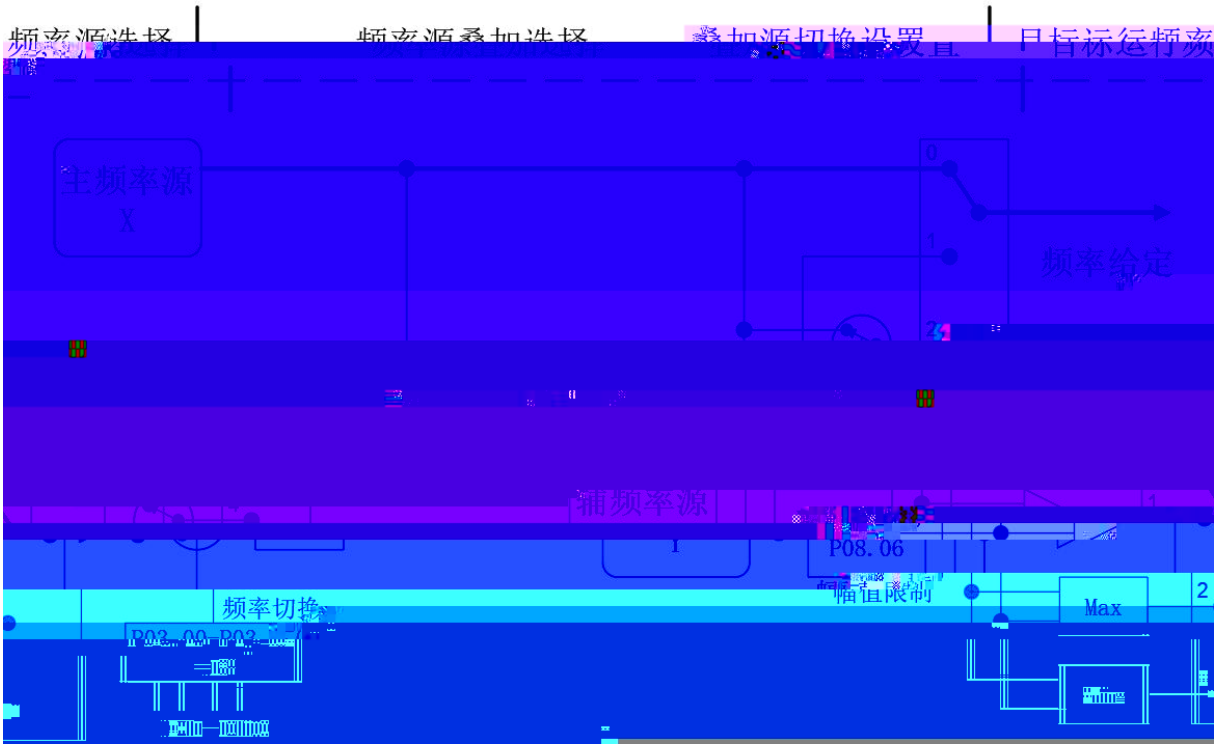




˘ Ȅ̃ ϧ ғ ɯ ɬ ש ÔЌ ש ĶᵐאtŐ ך ķ אtŃ ש ÔЌH ש Ď ש

3˜ ч ‖ ˜ ˘ Ь ³ Â ' ↑ Y Ь h
X ˘ Ь ч □ ₩ ₡ ˘ ↙ P08.03 Ь P08.04 Ь ч □ ẏ˘ Ղ ↕
Ÿ Â

	ŋ ∀ ↑ Y ﻩ	∓ ∧ ẏ	0
P08.05	0	G	
	ﻩ 1	G h	X
P08.06	ŋ ∀ ↑ Y ﻩ	∓ ∧ ẏ	0
	ﻩ	0% 150%	



0' h X

h X ƀ ч Â

1' h h ƀ ч ˘ h ˜ w

l' Ⅵ β Ŀ Â

2' h X Ь ↑ Y Ⓟ w ~ w 18˜ Ⓟ ~

˘ h X ƀ ч Â w ~ w 18˜ Ⓟ ~

˘ ↑ Y ƀ ч Â

3' h X Ь h Ⓟ w ~ w 18˜ Ⓟ ~

˘ h X ƀ ч Â w ~ w 18˜ Ⓟ ~

˘ h ƀ ч Â

4' ↑ Y Ь h Ⓟ w ~ w 18˜ Ⓟ ~

˘ ↑ Y ƀ ч Â w ~ w 18˜ Ⓟ ~

˘ h ƀ ч Â Ⅵ β' h ˜ '

0' h X+ ↑ Y

h X Ь ↑ Y ė ƀ ч Â ŋ ∨ w Â

1' h X- ↑ Y

h X ⁞ ˇ ↑ Y ƀ ч Â

2' MAX˜ h X˜ ↑ Y˜ ŭ h X Ь ↑ Y Ţ ụ ƀ ч

Â Ẓ ˘ ɣ Ụ Â

ᅔ ᄉ ᄇ 50.00Hz

P08.08

~ Â ~ ~ 100% P08.12 Â

P08.12			50.00Hz
			P08.14 P08.10
P08.13	Z		0.00Hz
		0.00Hz P08.10	

PULSE P08.13 P08.11 P08.12 Â

P08.14			0.00Hz
		0.00Hz P08.12	

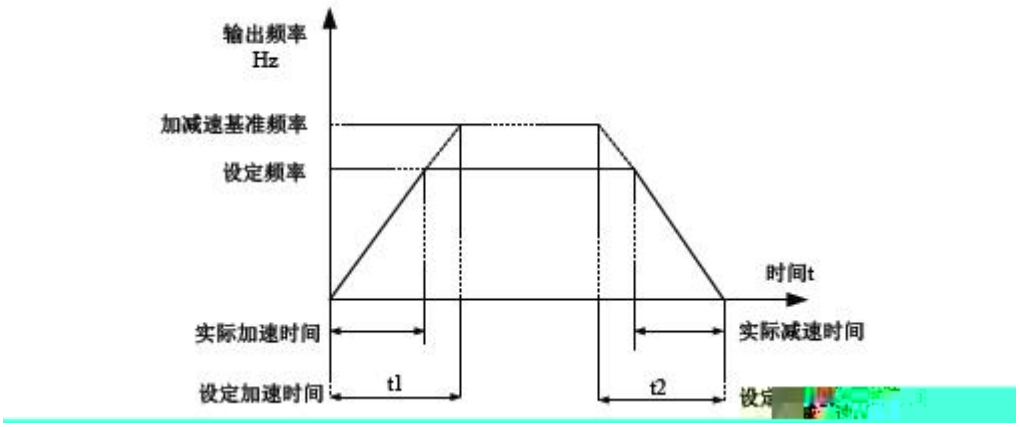
P08.14

P08.16		₹ ^ ẏ	0
	₰	0' ^ 1'	

ˇ ĭ ᓀ ⌡ ᓀ ˇ ⌟ ˀ ˇ ˀ Ḃ
ˀ ĭ ᓀ ^ Â ᓀ ˀ ˇ ⌡ ẏ Â w ˆ ˀ ⋮
ĭ ᓀ Ψ Â

P08.17	₰ 1	₹ ^ ẏ	₥ w ˜
	₰	0.00s˙ 6500.0s	
P08.18	⋮ 1	₹ ^ ẏ	₥ w ˜
	₰	0.00s˙ 6500.0s	

₰ ĭ ᓀ ᑦ ˇ ₰ ⌡ ₰ ⋮ ‰ ^ P08.25 ~ ˇ ₴ Ţ
t1 Â
⋮ ĭ ᓀ ᑦ ₰ ⋮ ‰ ^ P08.25 ~ ˇ ⋮ ⌡ ˇ ₴ Ţ
t2 Â



₰ ⋮ ₴
GF630N01 ᑊ 4 ₰ ⋮ ˇ ˆ ≠ ~ DI Ⓟ ˇ ₯ ₰ ⋮
Ѝ w '
₩ ' P08.17 à P08.18'
Ⱨ ' P21.03 à P21.04'
ᵔᵔ ' P21.05 à P21.06'
₯ ' P21.07 à P21.08 Â

P08.19	ѵ ⋮ ч β		₹ ∧ ν	1
	ѫ	0	1	
		1	0.1	
		2	0.01	

ч Ỵ ﺷﻲ ˘ GF630N01 ˪ 3 ѵ ⋮ ч β˘ №≠ ч 1 ð0.1 ė 0.01 Â

' ќ w ă˘ P8 ѵ ⋮ β ψ ĩ. ˘ ѵ ⋮ Ӟ ŭ ĩ. ˘ Ţ ≠ Â

P08.21	ŋ ѵ ↑ Ẓ	₹ ∧ ν	0.00Hz
	ѫ	0.00Hz˙	P08.10

w ⁷ ﺿﻲ ч h Â

ч h ˘ P8.21 ƀ ч Ẓ ˘ ь h ŋ ѵ ƀ ч ν˘ ą ˆ ɣ ч Â

P08.22	ɒ №	₹ ∧ ν	2
	ѫ	1	0.1Hz
		2	0.01Hz

ă ь ˜ w № Â

№ ч 0.1Hz ˘ GF630N01 ₹ ˆ ɣ ⌠ 500Hz˘ № ч 0.01Hz ˘ GF630N01 ₹ ч 500.00Hz Â

' ќ w ă˘ ь ˜ ă β ψ ĩ. ˘ ν Ӟ ŭ ĩ. ˘ ą Ţ ≠ Â

P08.23	Å	₹ ∧ ν	0
	ѫ	0	ь
		1	

w ч Â

ľ ь Ŀ ĩ ϛ Å U˘ ν ч P08.08˜ ~ ν˘ ģ à η UP à DOWN ќ Â

ľ Ŀ ĩ ϛ Å U˘ Ḡ ч Å ⊥ ˘ ģ à η UP à DOWN ќ Ḡ Â

6082331

P08.35	٧ ⋮	₹ ∧ ٧	0
	⋔ 0	٧ ⋮	
	1	S ٧ ⋮ A	
	2	S ٧ ⋮ B	

ï ﺟ ﺿ Ω à Å˘ Ţ ï˙ Â
0' ٧ ⋮ ₹ ⋮ Â
1' S ٧ ⋮ A ₹ S ⋮ Â
S ﺿ Ω˘ Å ﺷ ą ˘ à Âw P08.36 ﻍ P08.37
№≠ Ч ↻ S ٧ ⋮ ﻍ ɒ ﺿ ⅋ ˘
٧ ⋮ ч'

$$t = (\frac{4}{9} \times (\frac{f}{f_b})^2 + \frac{4}{9}) \times T$$

ì Ţ˘ f ч ˘ f b ч ˘ T ч ⊄ 0 ٧ ⌠ f b
Â

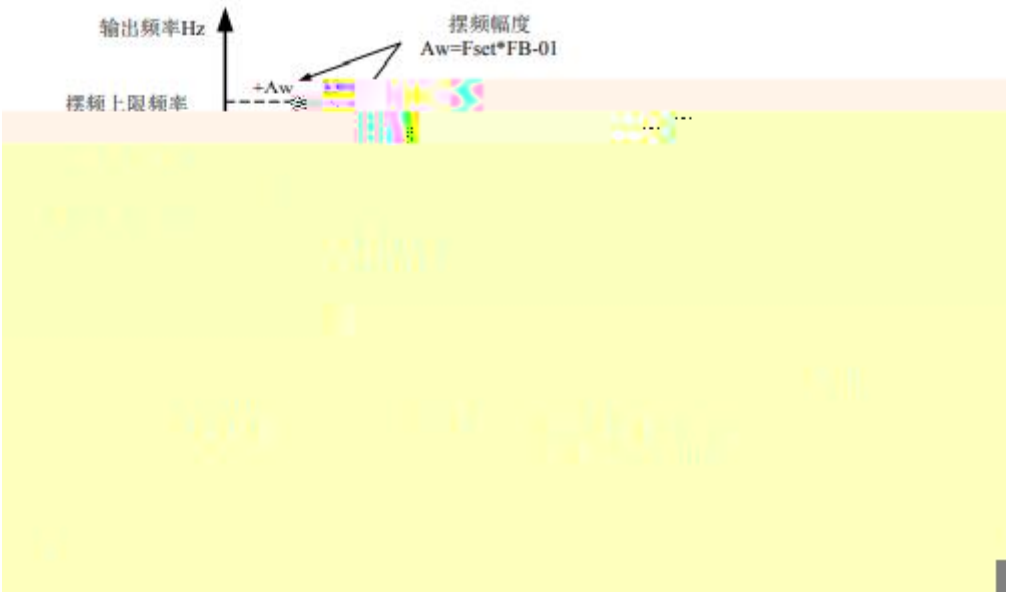
S ɒ ₹ ∧ ٧ 30.0%
P08.36
⋔ 0.0% ˆ 100.0%- P08.37˜

S ɒ
P08.37

ă w

B

ă w



Ъ

P09.00		Ŧ ʌ ẏ	0
		0	ɢ Ţ
		1	ɢ

ă ‰ Â

0' Ţ ˘ ч ĭ Â Ţ ˆ ~ ĭ. ĭ. Â
1' ˘ ч ˘ ₰ Â

P09.01		Ŧ ʌ ẏ	0.0%
		0.0%˙ 100.0%	
P09.02		Ŧ ʌ ẏ	0.0%
		0.0%˙ 50.0%	

ă ẏ ĭ ẏ Â

ɢ Ţ ˆ P09.00=0~ ˘ AW¸ ¦ P09.01 Â
ɢ ˆ P09.00=1~ ˘ AW¸ ¦ P09.01 Â

ч ˘ ɢ № ˘ ʌ'
AW ¦ P09.02 ɢ Ţ ˆ P09.00=0~ ˘ ĭ.
ẏ Â ɢ ˆ P09.00=1~ ˘ ₰ ẏ Â
˘ È,: ¿ Й Â

˘ È˜ ' www.gdetec.com

P09.03	Ա	₣ ^ ų	10.0s
	₻	0.0s˙ 3000.0s	
P09.04	▒▒ ▒▒ ^	₣ ^ ų	50.0%
	₻	0.0%˙ 100.0%	

Ա ' ₩ ₡ Ա ų Â

▒▒ ▒▒ ^ P09.04˝ ▒▒ ▒▒ ^ Ա P09.03 № Â

▒▒ ▒▒ ^ ¸ Ա P09.03 ▒▒ ▒▒ ^ P09.04 ˘ ^ β ч Â

▒▒ Й ¸ Ա P09.03 ¦ˆ 1˙ ▒▒ ▒▒ ^ P09.04˜ ˘ ^ β ч Â

P09.05		₣ ^ ų	1000m
	₻	0m˙ 65535m	
P09.06		₣ ^ ų	0m
	₻	₡00 ₡₻ ₻35m	

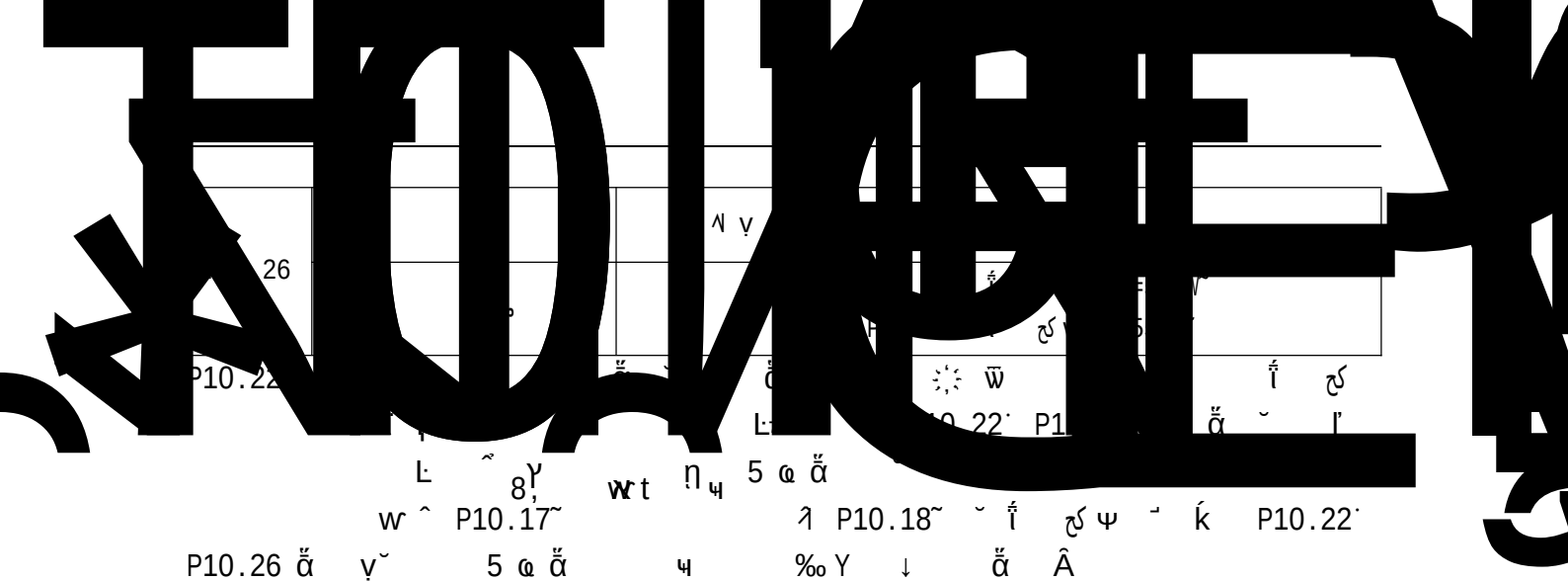
Ь

	ж	-100.0%˙ 100.0%	
P09.17	Ɒ 7	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.18	Ɒ 8	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.19	Ɒ 9	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.20	Ɒ 10	₣ ∧ ų	0.0Hz
	ж	-100.0%˙ 100.0%	
P09.21	Ɒ 11	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.22	Ɒ 12	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.23	Ɒ 13	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.24	Ɒ 14	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	
P09.25	Ɒ 15	₣ ∧ ų	0.0%
	ж	-100.0%˙ 100.0%	

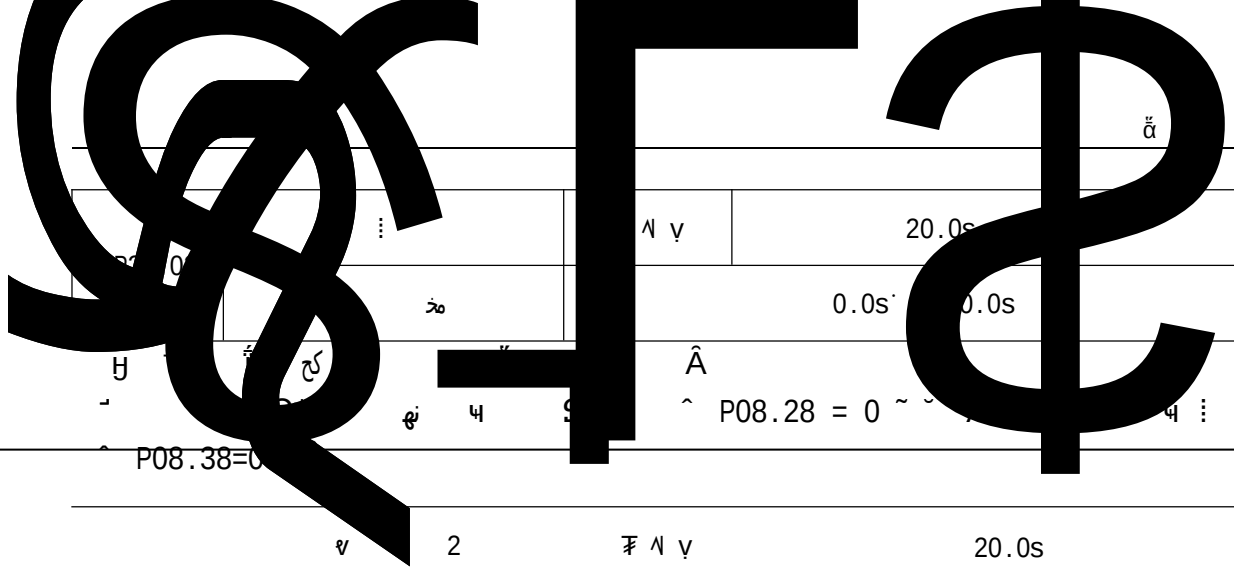
Ɒ ˇ ɣ ۻ ۺ ' ƀ ч à ƀ ч VF № ∧ à ƀ ч PID
Â

ۻ ۺ Й ˘ Ɒ ч ų ˘ ж -100.0%~100.0% ˜ ƀ ч ì
ч № ' ƀ ч VF № ∧ ˘ ч ɢ ∧ № '
ɢ PID ч ų ˘ Ɒ ƀ ч PID Ь Â
Ɒ w DI Ь ˘ ® ˘ ĺ r ă P3 ˜
Â

ǎ



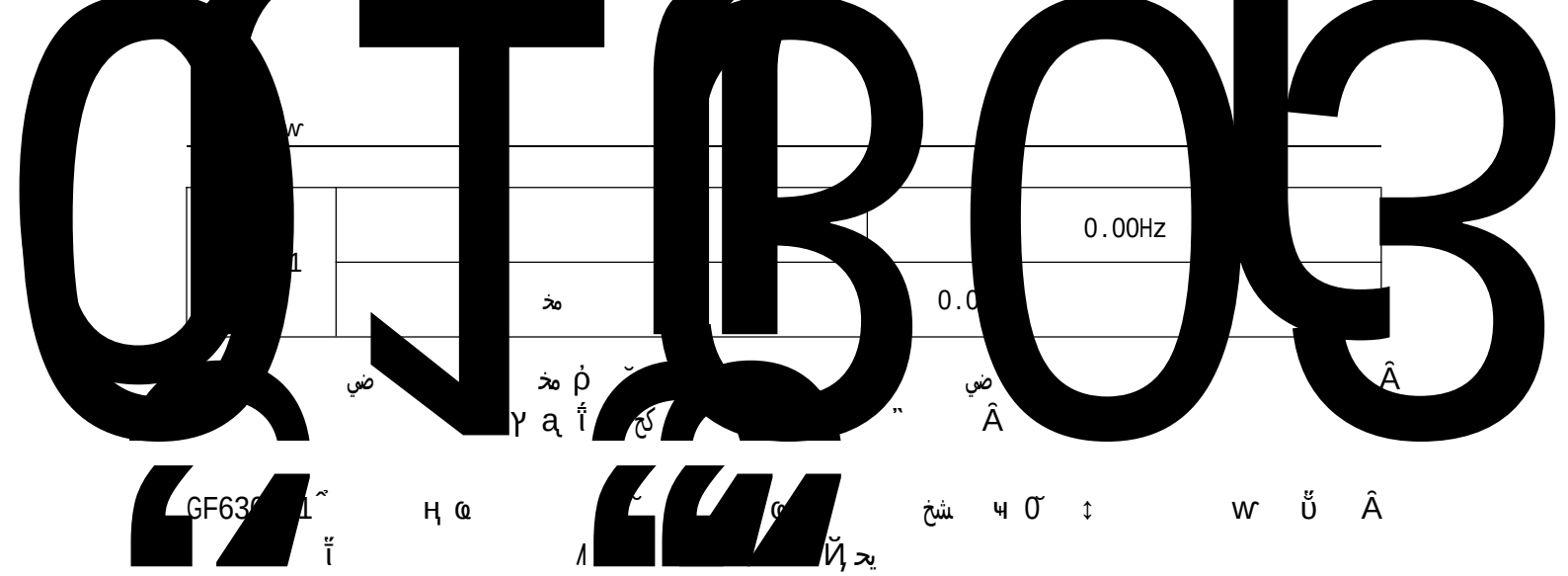
P10.53		0	
	1		
	2		



				20.0s
				0.0s 0.0s

P08.38=0

P21.03		2		20.0s
				0.0s 6500.0s
P21.04		2		20.0s
				0.0s 6500.0s
P21.05		3		20.0s
				0.0s 6500.0s
P21.06		3		20.0s
				0.0s 6500.0s
P21.07		4		20.0s
				0.0s 6500.0s
P21.08		4		20.0s
				0.0s 6500.0s



P21.12			0.0s
		0.00s 3000.0s	

P21.13 0

P21.14	ϒ G Й		₮ ∧ ỵ	0
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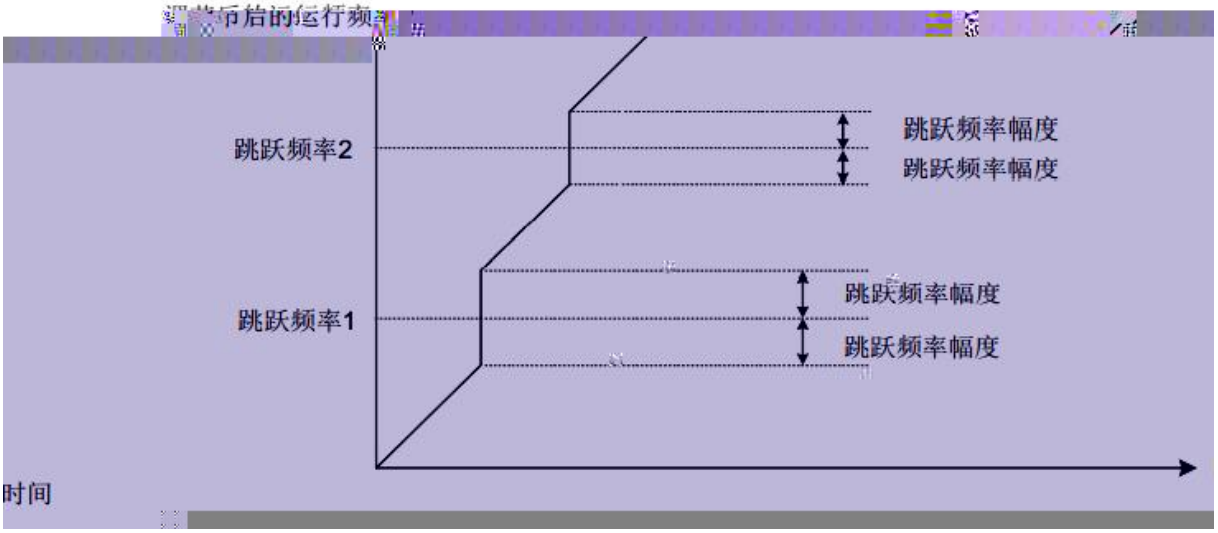

P21.25	٧ 1 Ь ٧ 2 Ⓟ	₹ ∧ ٧	0.00Hz
	⁄	0.00Hz	
P21.26	⋮ 1 Ь ⋮ 2 Ⓟ	₹ ∧ ٧	0.00Hz
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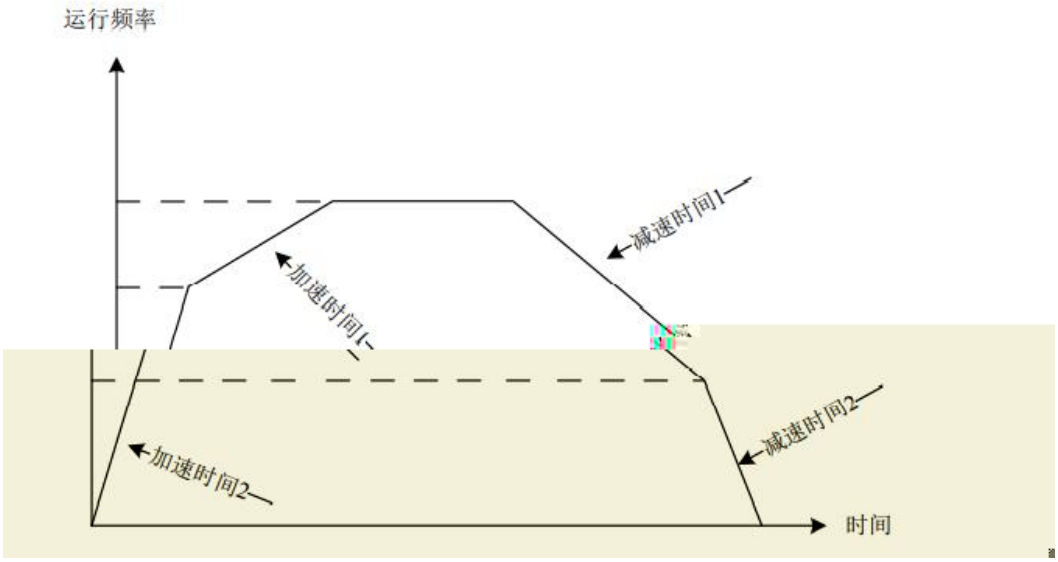

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P21.31	κ ⌠ ∓ 1	∓ ∧ ٧	0.0%
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P21.32	κ ⌠ ٧ 2	∓ ∧ ٧	50.00Hz
	مخ	0.00Hz˙	
P21.33	κ ⌠ ∓ 2	∓ ∧ ٧	0.0%
	مخ	0.0%˙ 100.0%ˆ ~	

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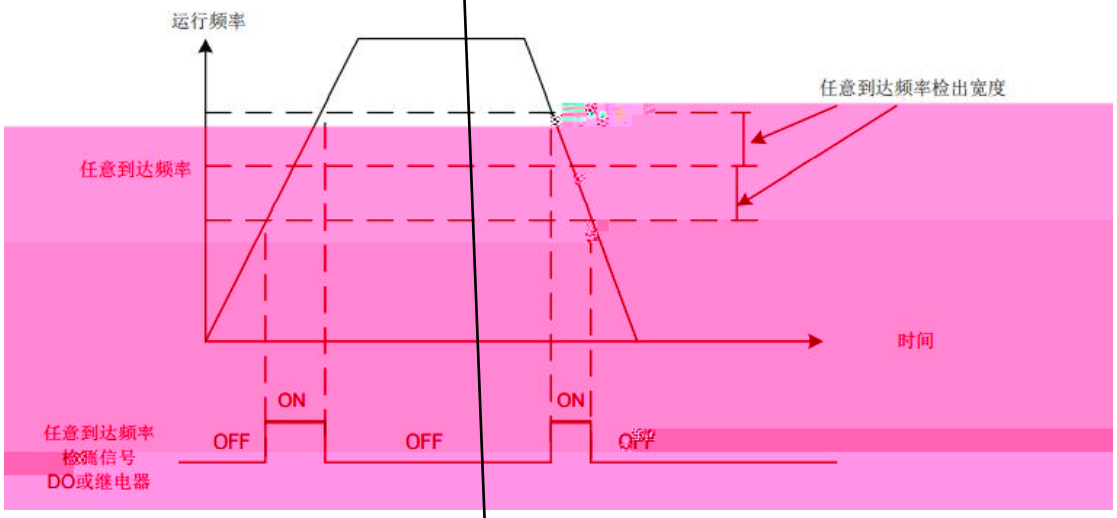

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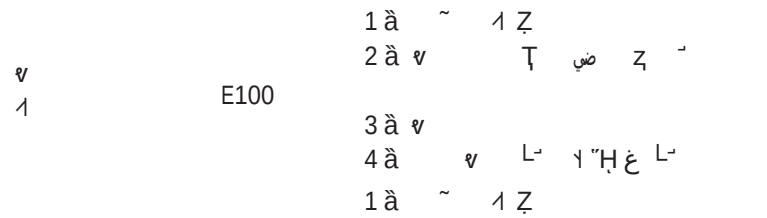
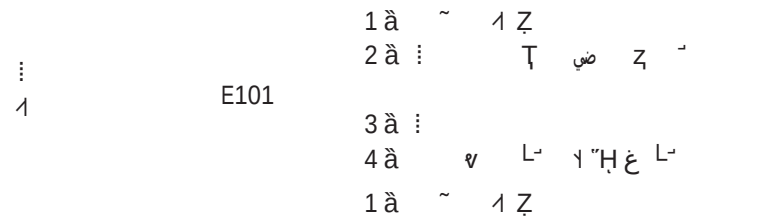
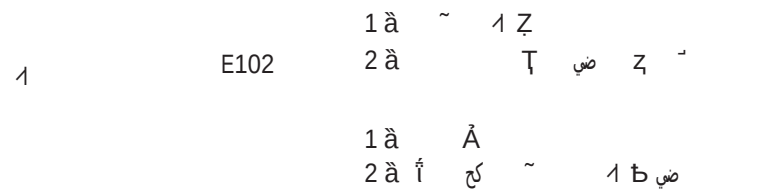
E100



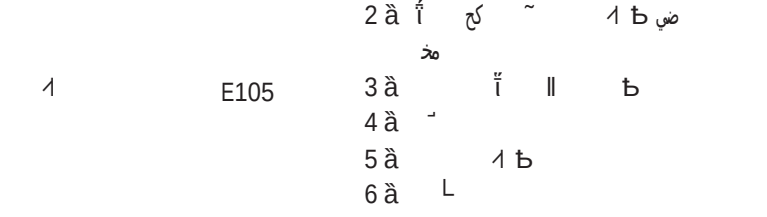
E101



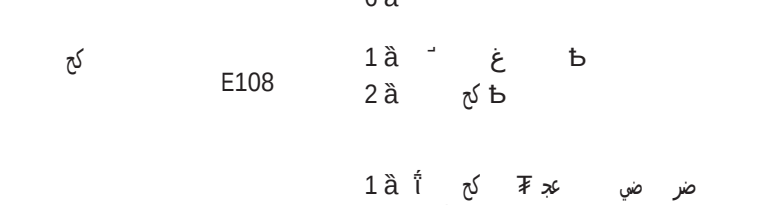
E102



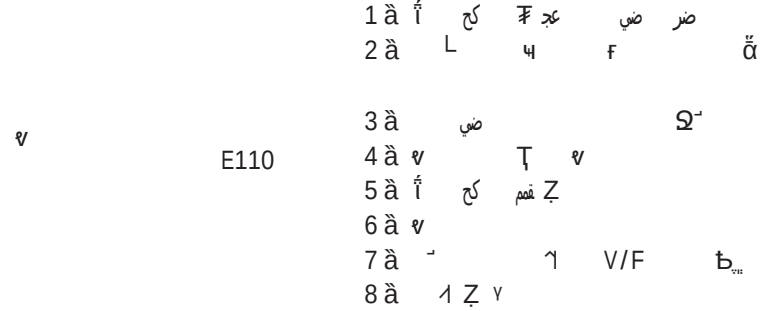
E105



E108



E110



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Wuhan Guide Technology Co.,Ltd.