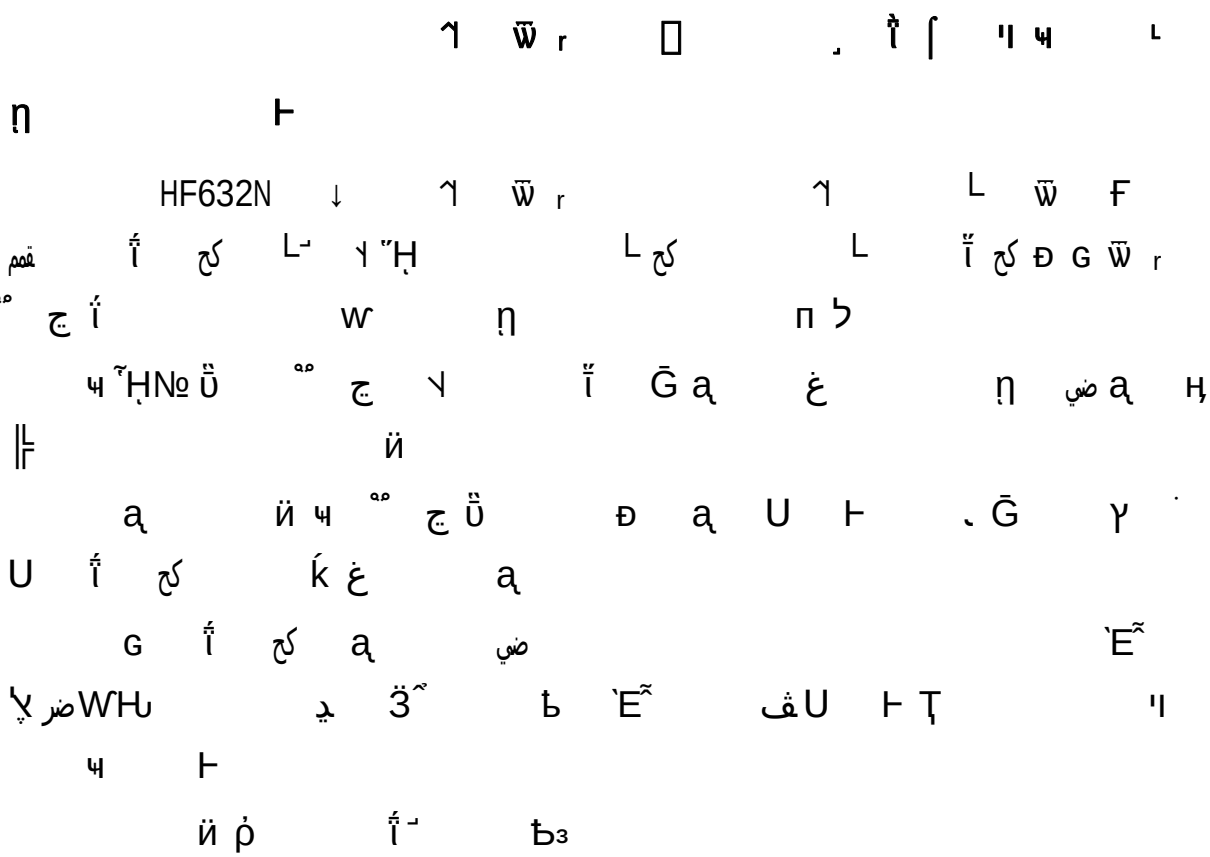


5.2.1 ˜ 44
5.2.2 Ḡ ă 45
5.2.3 ˩ ᓀ ˩ 47
5.2.4 ˩ ᓀ Ḡ 49
5.2.5 w 50
5.2.6 w w 51
5.3 ˥ w ˥ 52
Ɛ ĭ 54
6.1 ɒ ɳ 54
6.2 ɳ 54
A ɯ ɒ 57
A.1 ṗ ƀ˜ 58
A.2 ƀ 65
A.3 ɯ 66
A.4 ᴅ ᓀ 67
A.5 ᓀ ˥ 70
A.6 ˥ ɒ 72
A.7 ˩ 77
A.8 ˩ 79
A.9 ˩ ĭ 80
B w ƀ˜ ˍ ≢ غ ɯ ƀ 81
B.1 w 81
B.2 : 82
B.3 ƀ ƨ ƀ 84
B.4 ˊY 85
B.5 – 88
B.6 ᒪ 89
B.7 ɯ № 89

₩ ŋ ʜʊ

ʜ ╠ ӥ

1.1

ą Ψ ↙ ʊ̈ ˜ ¬ ʜ`

↙



ą Ψ ↙ ʊ̈ ˜ ¬ Ţ ʜ ɔ̧ɯ

1.2 ȥ

(1) ɷ ȷ ч ϒ F ϖ r G ʒ

(2) Ь ƀ ч “ Å ” ą

(3) Ь ƀ ч L ą

(4) ɷ ȷ ɣ Й ɒ ɻ ‰

ɒ	ɒ O	ɣ ‰
LVD ɒ	2014/35/EU	EN 61800-5-1
EMC ɒ	2014/30/EU	EN 61800-3

1.3 Hυ

ΐ ϛ ΐ ὶ Ð

ΐ ϛ ṕ ض ˜ Ü

ΐ ϛ L ج ˜ ɷ r

≠

ΐ ϛ ƀ ч ʒ ȷ

ʜ ﺞ Ḥ

2.1

U ŭ ₣ ٦ ₩ r ɣ Й ₃

1. Ţ ĸ v ﺵ Ð ﺵ h r H
2. ´ Ţ ӣ ẹ Ḡ ќ ٧
3. ﺞ ﺞ
4. ɔ Ð ∫ Ð

Ŭ ٦ ₩ r Ð ﺵ ض ﻱ

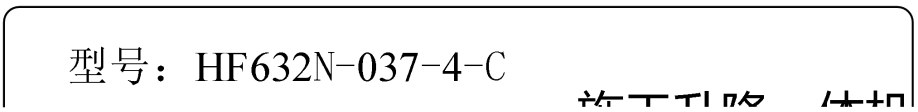
2.2 ﺞ ﻢ Ĭ

٦ ₩ r ﻢ Ɔ ɥ

ﺞ ﻢ

A HF632N ٦ ₩

HF632N ↓ ٦ ₩ r ٤ ٢ 37kW ٩ p



ج ° °

ﻣﻣﻢ HF632N-037-4-C HF632N ↓ ١ ٦ ₩ r

w 37kW ٨ ٩ 400V

AC ´ ~ ₣

3PH ⁝⁝⁝ ~ ₣

380V-480V 50/60Hz ~ ٨ ﻍ ﻣﺦ

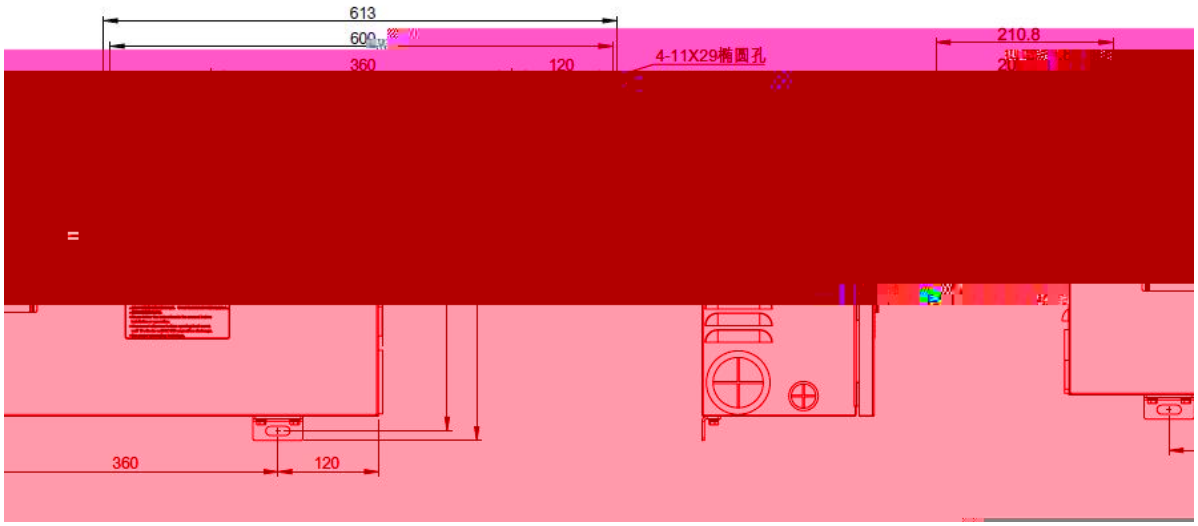
0-480V 0-300Hz ﺃ ﻙ ₣ ٨ ﻣﺦ ﻍ ₣ ﻣﺦ

2.3° ° ج ↓ ﻣﻣﻢ Ь

HF632N ٦ ₩ r ° ° ج ₩

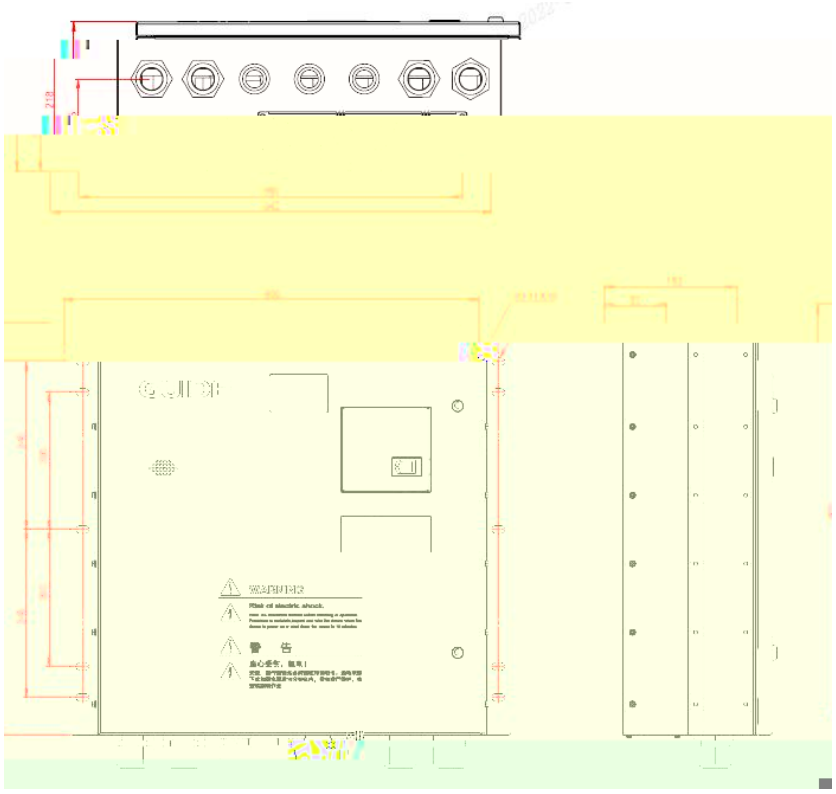
ﻣﻣﻢ	₣ [A]	[kW]	(kg)
HF632N-037-4-C	80	37	22.5
HF632N-037-4-C+S	80	37	23
HF632N-037-4-E	80	37	40.5
HF632N-037-4-E+S	80	37	41
HF632N-045-4-C	95	45	22.5
HF632N-045-4-C+S	95	45	23

2.4ˆ˚ ج



HF632N-037-4-C ˆ˚ ^1 ¤

~



HF632N-037-4-E ˆ˚ ^1 ¤

2.5ﾟﾟ ｼ

~	~ ｲ	ﾟﾟ 380V˙ 480V
		50/60Hz
	~Ｈ ｲ ｰ	-15%˙ +10%
	~Ｈ ｰ	Ｉ˙ ~Ｈ ﾊ ч fLN ± 2Ь ɢ ﾚ ч ± 4 Ь Ｉ˙ ≤ 2Ь fLN/s
ｷ	ｷ ｲ ﾊ	0˙ ~ ｲ
	ｷ ｲ Ь	ą ɒ Й ﾘ ɷ ｷ ﾊ ρ Ｙ ' Й ｷﾟﾟ ｲ Ь Ь 1Ь
	ｷ ﾊ	0˙ 300Hz
Ｌ	ɒ	Ｌ Ｌ
		1kHz˙ 10kHz ɻ ﾟ
	№	0.01Hz x0.1%
	Ｌ	Ｌ(VC) Ｌ(SVC) V/F Ｌ
	V/F Ｌ	ﾟﾟﾟ ﾟﾟﾟ ﾟﾟﾟ
		300Hz ш ɻ
	Ƣ ｰ	0Hz/200%(VC ɻ SVC) 0.8Hz/150%(V/F)
	ﾊ	1:500(SVC) 1:1000(VC)
		±0.02% (VC) ±0.2% (SVC) ±0.5% (V/F)
	Ƶ	5 № ~Ｈ 150% 1 № 200% 5
	ẽ	ｰ ẽ w
	∀ ⋮	Ꮋ
	ｰ ｲ	ｰ ｰ Ḡ ｷ ｲ
	Ｌｰ	Ƣ ｰ Ｌｰ ɻ Å Ｌｰ
Ғ w	Ḡ	90% 105% Ḡ
	ｳ	ｳ ƀ
	Ｌｰ Ḡ	Ｌｰ ﾀ U Ｉ ﾀ ｰ ｷ ｷ Å □
ｰ	ƀ LCD	ﾟﾟ ﾟ ă Ӟﾟﾟ ｷ ｷ ｲ ｷ ă Θ Ｉ ă ﾚﾙ ρ w Θ Θ ｲ β Ţ
Ḡ w		Ḡ ｲ Ḡ ｲ Ḡ Ḡ Ḡ

ą شي		Ь ỉ ۏ غ
		~
		٧ G 1000 1000 شي ۷ 100 ٧ 1% ٧ ۱ ỉ ₣ 3000 h ٨ ٣
		-10 · +40 40 ą ۱ 1 1% 50 h ٨ ٣ ٧ G -10 ۷ ↑ ۷
		G 95%RH o Ь h ٨ ٣
	Ũ	Ũ -20 · +60 G Ũ ۸ ۸ ỉ ۏ 10-30 № ą Ḥ
ỉ	w غ	>0.80
		96%
	۱ Ḥ	ṗ
		IP20
	۱	
		2
	كل	≤ 80db

2.6 ّ ّ ج

1 ّ ّ ج ỉ ۏ ۱ Ḥ ۱ Ḥ شج

G w r ۱ F قمم

2 ỉ ۏ G w ۱ Å U w ṗ ۏ ₣

Ь ٨ Й ۱ ٨ Å ü ₣

ۏ Ḥ Ь ٨ Й ض ضر ٨ تخم ۏ

۷ ٧ w G w

3 F ʒ G “ ”

غ “ ‖ ” Å

4 ỉ w ỉ h Ь ш

└ Ạ κ ν

5 ṗ └ ح Ḡ ȳ └ ح

6 ڀ β ה Ɒ Ḥ ً شخ LED ï ₭ ۷ ḱ Ḃ Ḃ ɢ ڤ U

ï ⋮ ⊢

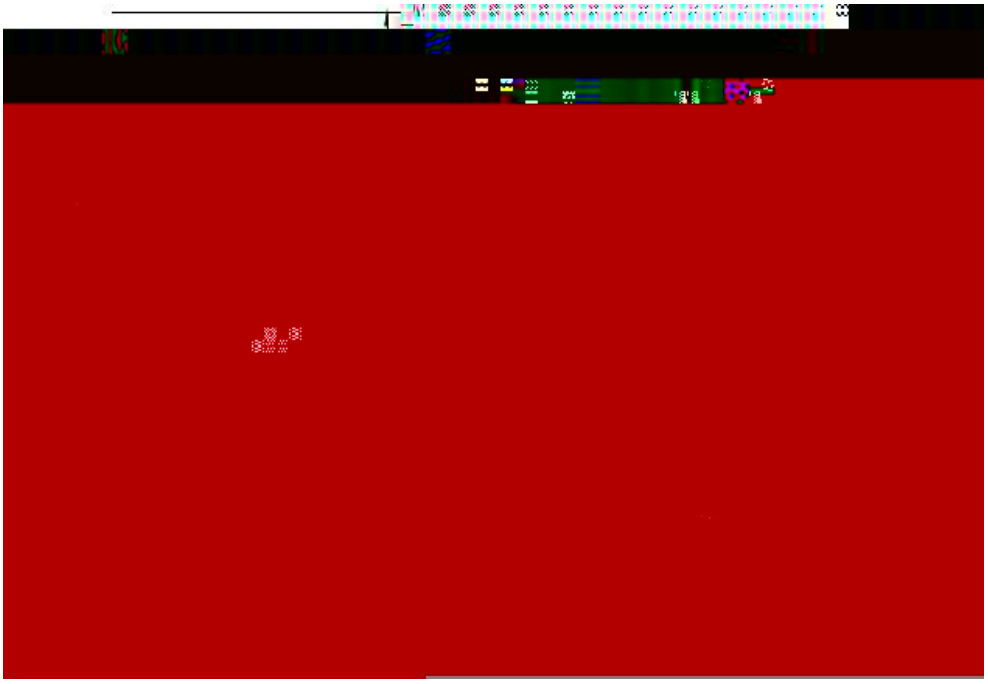
¸ Ũ ĭ

3.2

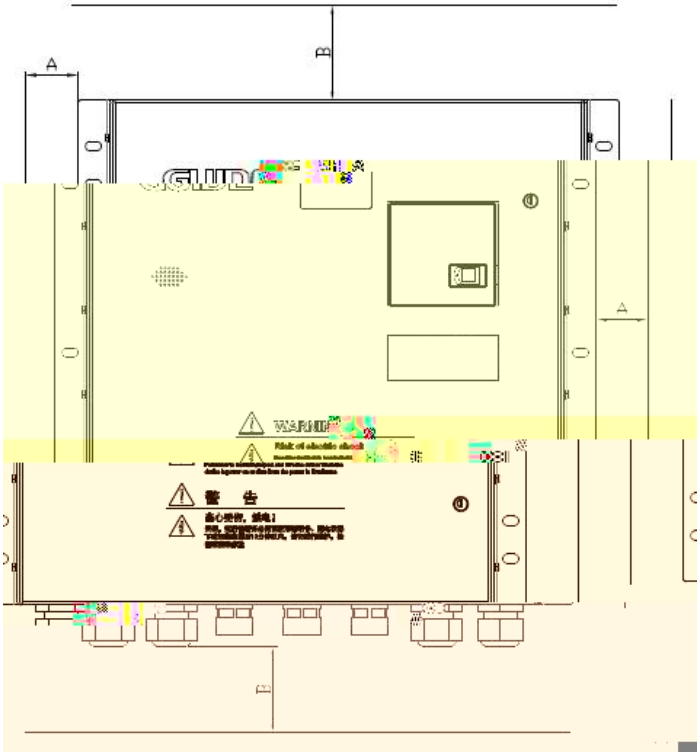
- ممم ضي ṗ ғ ṗ
- -10 ˙ +40 ضي مخ+40 ˙ +50 ң ˆ1
  ₮ ⋮ 2%
- ѽ ɢ 95%RH Ь¨Ң o
- Ⓟ˜ ضي ⁝
- ѽ
- r ɣ r
- ї
- 1000 ү Й, 1000 شي ѵ 100 ү 1%
  ү ₮ ˆ ч 3000
  شي ’ ذ أ ڪ ą ث

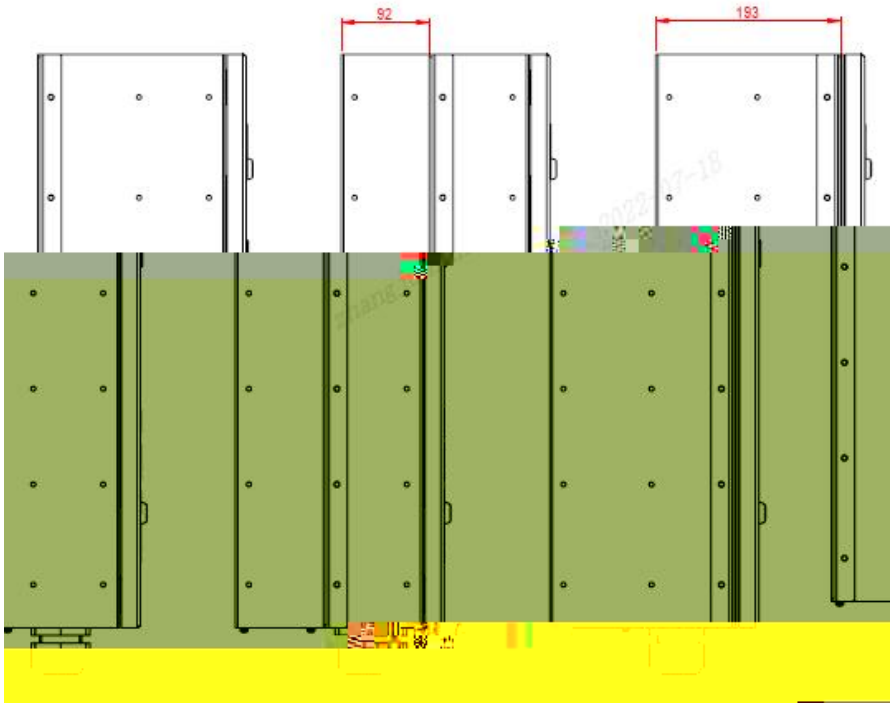
3.3 ﺯ

:



~



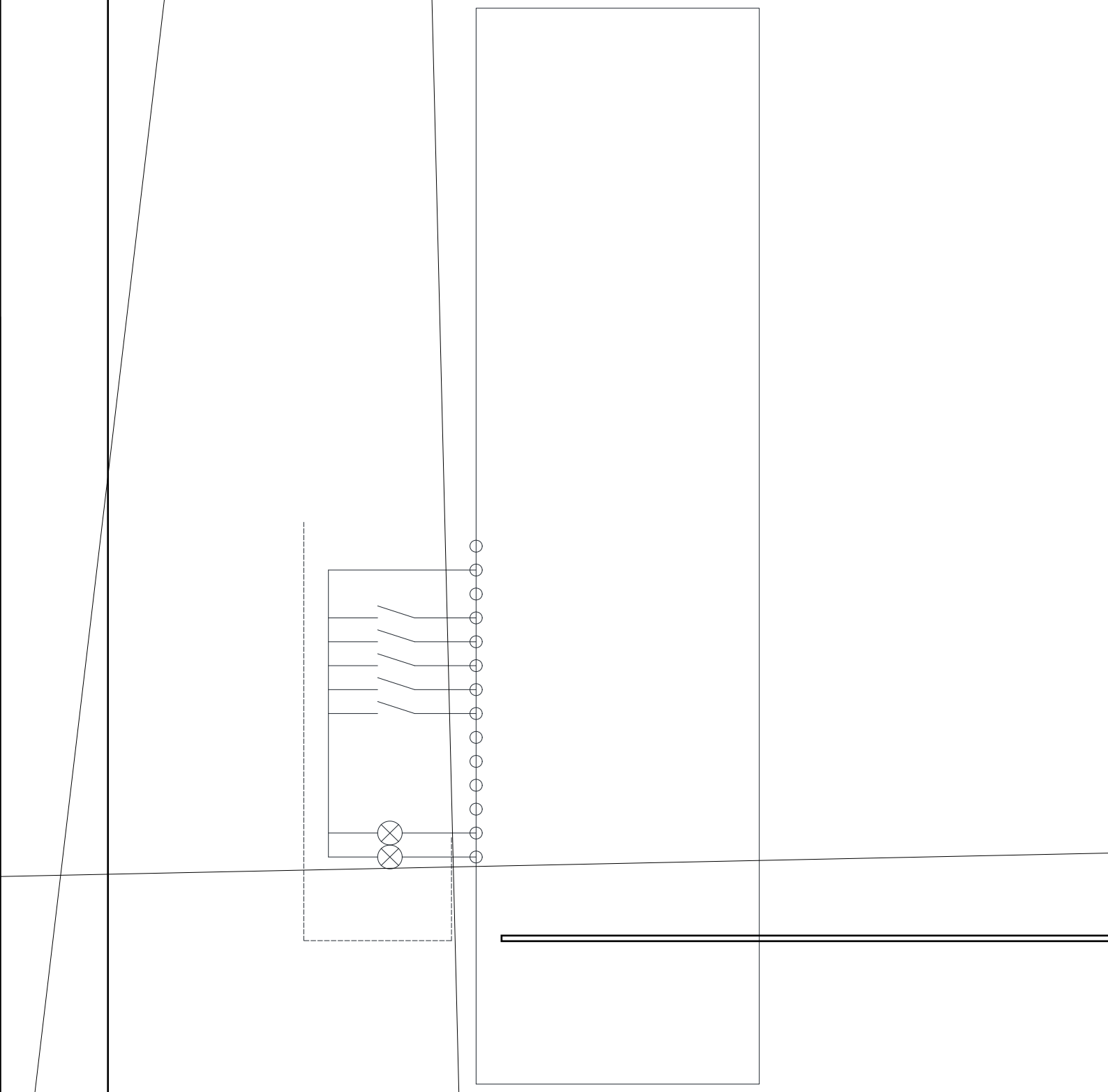


ṗ ٧ ~ 92MM ŋ ~ 193MM

A ≥ 100mm	B ≥ 200mm

~ ŋ غ ٧ β Ḥ يحضي r

3.5 L



3.6

1 Ӣ

1 ڪ ٦

1 W̄ r H ڪ

2 L

3 ⁝⁝ ۱ ٦ضي Ḥ ڪ ṗ ⁝⁝ AC380~480V 50/60Hz

4 ą PG ح ۷ PG ح ۷ Ь ح ٦

5 D⌐ Ь ƀ ⁝ ٦ ⁻ ƀ

⌡ D⌐ Ḥ⁝ h ⁻ h ⌡ D⌐

h Ӣ h ⁻ ↕ h ĭ

2 W̄ r β ϸ Ḥ˜

ضي U ˜ ٦ ۱ ĭ ė β ˜ ⁝⁝ ⁝

β Ӣ β ⁝ ⁞ β Ӣ ⁞ β Ŭ β ˜ β ˜ ч

⁝⁝

٦ LCD ƀ ϸ ٦ ↕ Ψ

ϸ Ƹ⁻ ϸ ṗ ė ˜ Ḥ˜

3 ă̈

ш Ӣ LCD ˜ ă̈

w	O		ẏ
P16.2	w	ă̈ w	3 ɷ Ḥ⁝ ɷ w Ḥ ė
P16.3	۱	ă̈ ۱	

P16.4	ă	3 ɷ ɥ ɷ Ң ɹ
P16.5	ă	
P16.6	ă	
P16.7	120 × P16.5 / P16.6 ŭ	
P16.9	120 × P16.5 / P16.7	
P16.11	[0]V/F ㄴ [1] [2]	ʔ ʗ ɥ ㄴ [1] ʗ ɥ [2]
P20.16	h	

P4.6	₣ 7	w ˜ ₣	[2] ₣
P8.16	₰ 1	ɾ Å ∫ P8.15 ỵ ₰ ۷ β	3
P8.35	⋮ 1	ɾ P8.34 ỵ ∫ Å ⋮ ۷ β	2
P8.0	Ω⌐	[0] ˜ [1] ƀ [2]DP [3]MODBUS [4] w ﺷﺒ	0
P8.10		[0]I/O [1] ˜ 1 [2] ˜ 2 [3] ƀ [4]DP [5]MODBUS [6] w ﺷﺒ	0
P12.2	1	۲ β غ ⋮ β	15Hz
P12.3	2	β	50 Hz
P12.22	h ỵ		0.1
P12.23	ĩ h ỵ		0
P12.24	h		30
P12.25	ĩ h		30
P12.29	ĩ h	ч ২ Й	0.4
P7.0	└ ỵ [1]	0~300[%]	180%
P7.4	Ḡ [1]	0~300[%]	235%
P7.19	[1]	100.0˙ 720.0[%]	120%

4 ắ ӟ

└ └ └ ӟ ү Й

ӟ ⌐ ắ

1 └

P16.11 ỵ ч [1] [2] ↕ ч └ ӟ ⌐

ä é ˥ ä

2 ä

ض L Й ä ψ γ ї ă

LOCAL/REMOTE ч LOCAL ض ضw Ţ Ţ ä

U ä ä Ţ “ ä ض ” ä

U “ ä ”

3 ˥ ä

ض L Й ˥ ä ˥ ä ņ № ă ų

₮ ε ă ų ض˥ ä ң ╠ L Й ä ѡ ѽ

LOCAL/REMOTE ч REMOTE ضw Ţ Ţ “˥

ä ” U ٦ Ь ˜ ƀ ṗ ƀ˜ ѡ ٦

ї̆ ر ч 3.75HZ ٦ ψ ї̆ ر ɢ˥ ä

Ţ ä Ţ LCD ψ “˥ ä ض ” ä U “˥

ä ”

4 ˥ ä

ض L Й ˥ ä U ғ ⊢ ض Ь ’ Й

˥ ä ˥ ä Ь 50%

˥ ä7 ˥ ņ ˥ ä U ˥ ą ų

L˜ γ L ↕ ˥ ä

5

٦ ṗ L Ḡ ﻍ ﻉ β Ң˜ U ˜

ƀ ˥ ү U˜ Й

6 ‰

‰ ă 5.2.5

ضه ъ

4.1 ъ

4.2 ƀ

ẏ h ϒ ė Й β ϒ Ɛ β ϒ ⌠ Й β ϒ η Й

ɾ Й β ϒ ƶ β ϒ ▲ З ϒ Й ѵ ⋮ ẏ

ẏ ң U ENTER ă ą /RESET ⌐ β

ѽ ⌐ ⌠ Ψ ⌐ ƶ ƀ ĭ ϛ ą RUN ė

STOP Ω ė Å ѽ ă ғ Ⓟ ⌠ ض FWD/REV L

ĭ LOCAL/REMOTE Ⓟ ض/

4.3 h ϒ ƶ

	№	ѡ
Drive Monitor	Speed Power	ĭ ϛ ĭ I/O Ң
Parameter Edit ă	P0 ~ P49	ĭ ă ẏ
Reference Set ă ẏ	Global Ref	L ẏ
Function Set ѡ	Tuning I/II/III Parameter Init. Clear Faults System reset Backup/Restore Para	ӟ ⌐ ⌐ ă Δ . β
Error Event Log	Error Log	ϖ ŭ ŭ
Security ŋ	Security Edit	ŋ ≠ Access Level
Display Edit	Display Edit	ϒ

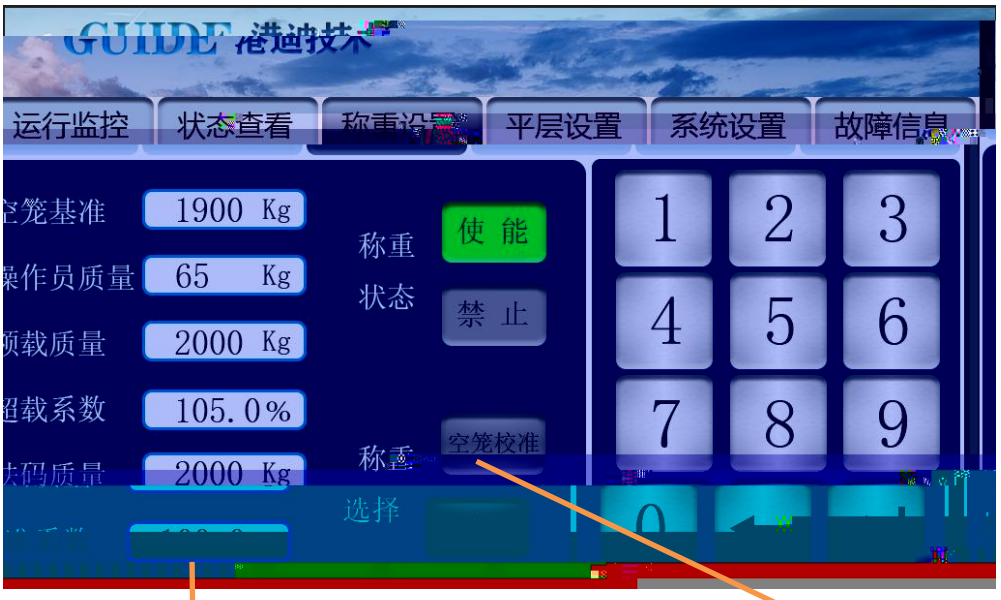

主菜单
一级子菜单
二级子菜单
Enter
Max 400
参数设定
P03数字输入端子
[0]数字输入端子1
ESC
ESC
故障记录
故障记录[001/001]
ESC

4.4.2



1. ╠ Ḥ β ė ƀ˜ Ḥ ɣ ǐ ǐ ȡ ₹ Ḥ

4.4.3



1. ˜ ˜ 1229

ɷ ṗ ḉ ˚ ḱ Ɗ ρ
ψ ≠ ₹ ƀ ψ
ḱ ẏ ˜ Ѝ ϰ ψ ḱ

‰ ۱ ‰ ė “ ‰
“ ۱ G Uˆ
‰ ψ

4.4.4



1. ~ ~

2. “ + ” ġ “ - ” ╠ ˆ ضي -5~90 ң ث O ν ṗ Ψ

╠ ν

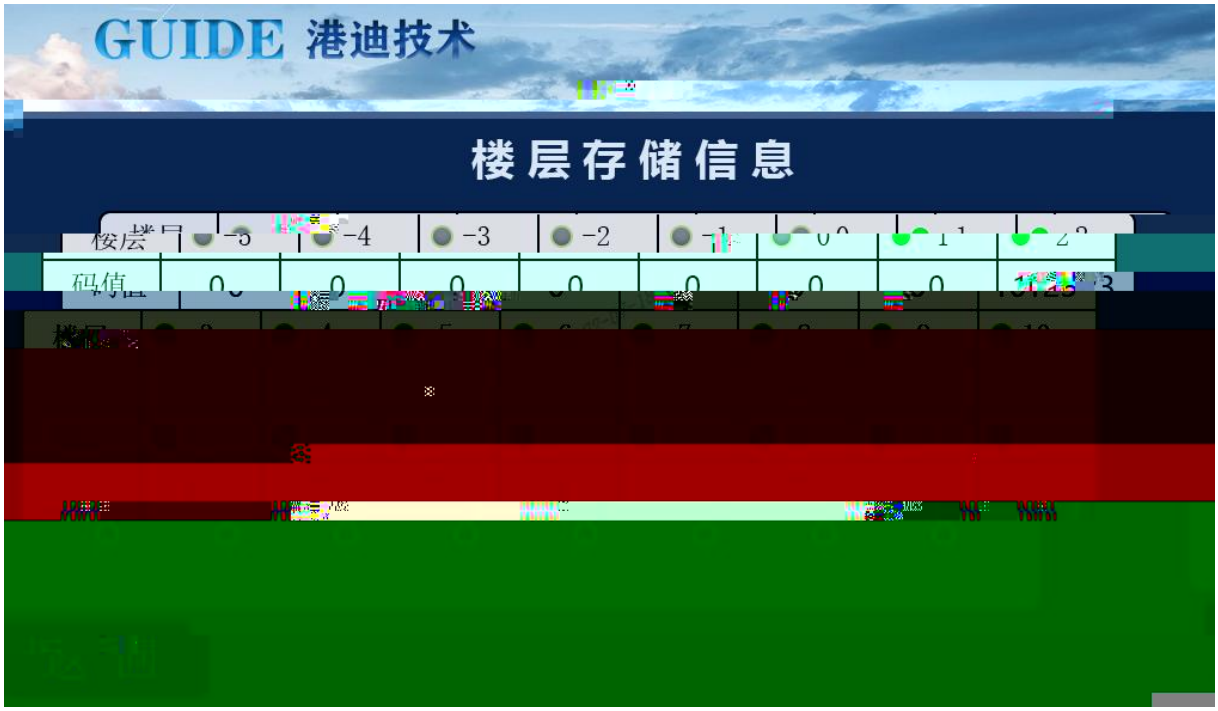
3. ˆ ˫ ƀ ϒ U Ӈ “ Ḡ “ ”

Ḡ ” ↕ ” – ╠ “ ġ ” – “ˆ ɣ – Ь

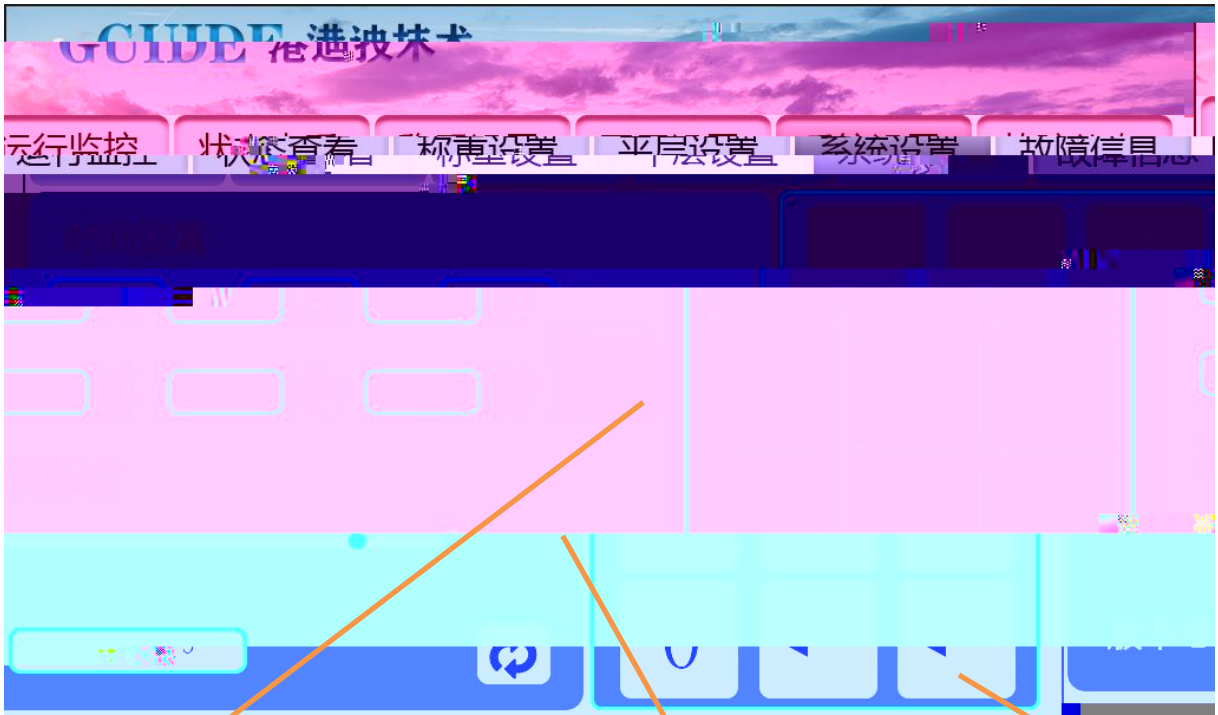
/ – Uˆ ɣ 𝒟ρ ” Ң “ Ղ /

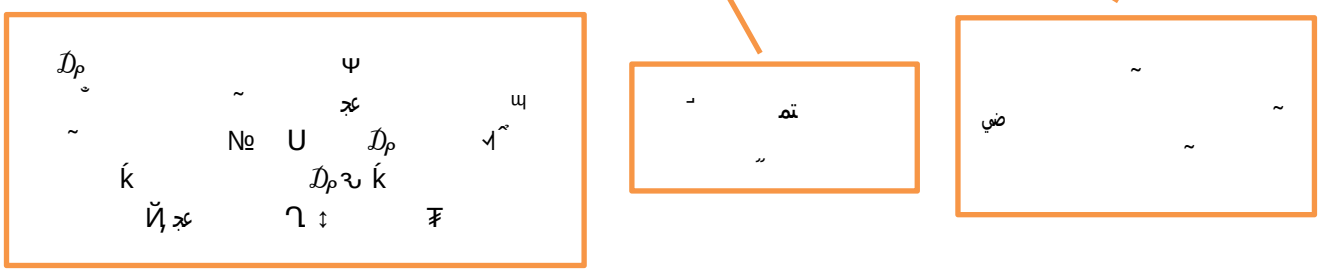
–

4. Ψ تم Ӈ Ӟ Ψ ν

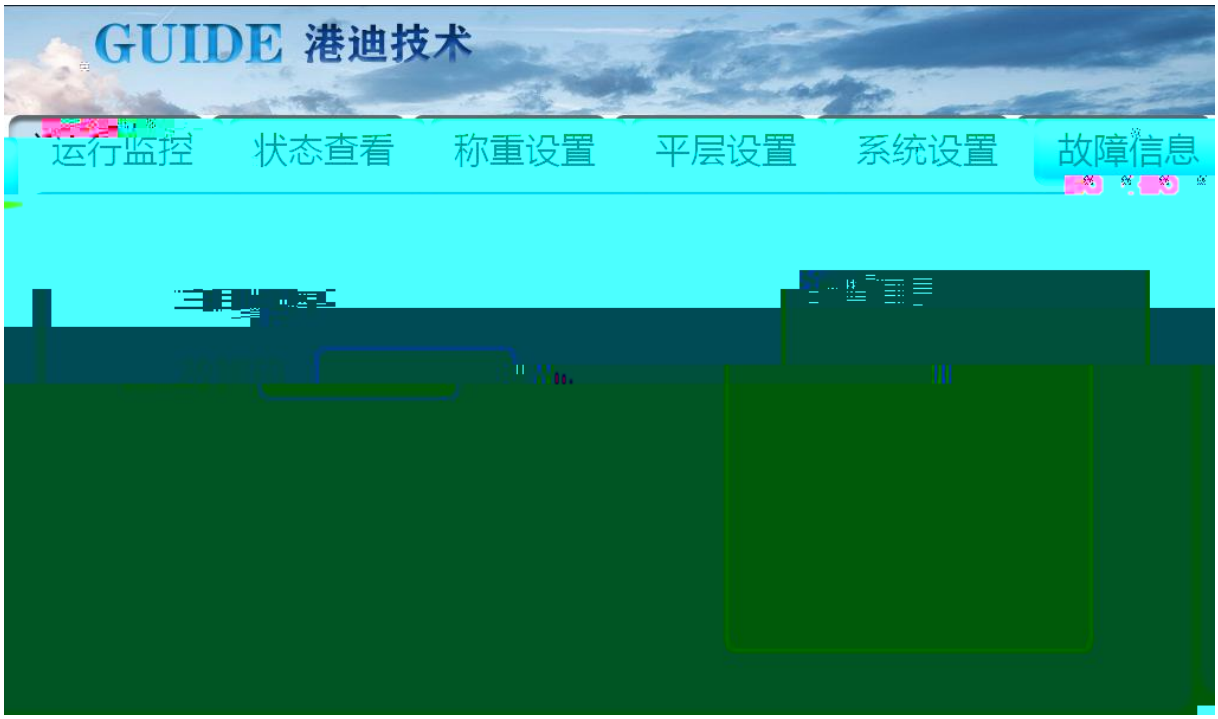


4.4.5





4.4.6 H


GUIDE 港迪技术
运行监控
状态查看
称重设置
平层设置
系统设置
故障信息

1. ㄱ ᅔ


自测模式
运行时间
8
启动状态
目标楼层
3
倒计时
30
运行次数
0
返回
说明：
关，开启自测模式后，进入倒计时。人员请撤离，拉开单/双门倒计时



Л w

5.1 ǎ

5.1.1 ǎ L P0

w	O				
P0.0	Δ .	[0] γ ǎ Δ . [1] Ḡ γ Ḡ ǎ Δ .	0˙ 1	0	
P0.1	Δ . w	ǐ ڳ w	0˙ 27	14	
P0.3	Δ .	[0]50HZ [1]60HZ	0˙ 1	0	
P0.4		ǎ Δ .			

5.1.2 ﻏﻤﻢ P2

w	O				
P2.7	MODBUS ﻏﻤﻢ	ﻏﻤﻢ	0˙ 1	0	G ٰ 1 ٰ RS485

5.1.3 ~ P3

w	O				
P3.0	~ 1	ˆ w	0˙ 32	0	
P3.1	~ 2	ˆ w	0˙ 32	0	
P3.2	~ 3	ˆ w	0˙ 32	0	
P3.3	~ 4	ˆ w	0˙ 32	0	
P3.4	~ 5	ˆ w	0˙ 32	0	

P3.5	~	6	~	w	0	32	0	G
P3.6	~	7	~	w	0	32	0	^I

α

3.6

α

5.1.4 ₹ P4

w	O					›o	¸
P4.0	₹	1	w	˜	₹	0˙ 64	0
P4.1	₹						

P7.65 -25

	[0]I/O
	[1] ~ 1
	[2] ~ 2
P8.10	[3] ƀ
	[4]DP
	[5]MODBUS
	[6] w شج

>

P8.30	₰ 8	ɾ P8.27 ụ ⌈ P8.29 ụ ₰	0.0˙ 300.0 [s]	10.00 [s]	
P8.32	⁞ L	[0] [1]PROFIBUS [2]MODBUS [3] ض	0˙ 3	0	
P8.33	⁞ Ồ		0.1˙ 10.0	1.0	
P8.34	⁞ Ⴋ1	₩ ɷ ⁞	0.0˙ 300.0 [%]	100.0 [%]	5.2
P8.35	⁞ 1	ɾ P8.34 ụ ⌈ Å ⁞	0.0˙ 300.0 [s]	3.00 [s]	5.2
P8.36	⁞ Ⴋ2	ʜ ɷ ⁞	0.0˙ 300.0 [%]	200.0 [%]	
P8.37	⁞ 2	ɾ P8.34 ụ ⌈ P8.36 ụ ⁞	0.0˙ 300.0 [s]	4.00 [s]	
P8.38	⁞ Ⴋ3	ɷ ⁞	0.0˙ 300.0 [%]	240.0 [%]	
P8.39	⁞ 3	ɾ P8.36 ụ ⌈ P8.38 ụ ⁞	0.0˙ 300.0 [s]	7.00 [s]	
P8.40	⁞ Ⴋ4	ض ɷ ⁞	0.0˙ 300.0 [%]	300.0 [%]	
P8.41	⁞ 4	ɾ P8.38 ụ ⌈ P8.40 ụ ⁞	0.0˙ 300.0 [s]	10.00 [s]	
P8.42	⁞ Ⴋ5	ɹ ɷ ⁞	0.0˙ 300.0 [%]	300.0 [%]	
P8.43	⁞ 5	ɾ P8.40 ụ ⌈ P8.42 ụ ⁞	0.0˙ 300.0 [s]	10.00 [s]	
P8.44	⁞ Ⴋ6	´E ɷ ⁞	0.0˙ 300.0 [%]	300.0 [%]	
P8.45	⁞ 6	ɾ P8.42 ụ ⌈ P8.44 ụ ⁞	0.0˙ 300.0 [s]	10.00 [s]	
P8.46	⁞ Ⴋ7	≠ ɷ ⁞	0.0˙ 300.0 [%]	300.0 [%]	
P8.47	⁞ 7	ɾ P8.44 ụ ⌈ P8.46 ụ ⁞	0.0˙ 300.0 [s]	10.00 [s]	
P8.48	⁞ Ⴋ8	ñ ɷ ⁞	0.0˙ 300.0 [%]	300.0 [%]	

P8.49	⋮ 8	ɾ P8.46 ẏ ⌈ P8.48 ẏ ⋮	0.0˙ 300.0 [s]	10.00 [s]	

5.1.7 1 L P12

w	O		₰	ẏ	
P12.0		[0] ~ [1]ʜ L	0˙ 1	1	5.2
P12.1	ʏ β	[0][%] [1][Hz] [2][rpm]	0˙ 2	1	
P12.2	1		0.0˙ 3000.0	10.0	
P12.3	2		0.0˙ 3000.0	20.0	
P12.4	3		0.0˙ 3000.0	35.0	
P12.5	4		0.0˙ 3000.0	50.0	
P12.6	5		0.0˙ 3000.0	50.0	
P12.7	6		0.0˙ 3000.0	50.0	
P12.8	7		0.0˙ 3000.0	50.0	
P12.9	8		0.0˙ 3000.0	50.0	
P12.10	9		0.0˙ 3000.0	50.0	
P12.11	10		0.0˙ 3000.0	50.0	
P12.12	11		0.0˙ 3000.0	50.0	
P12.13	12		0.0˙ 3000.0	50.0	
P12.14	13		0.0˙ 3000.0	50.0	
P12.15	14		0.0˙ 3000.0	50.0	
P12.16	15		0.0˙ 3000.0	50.0	
P12.17	16		0.0˙ 3000.0	50.0	
P12.22	h ẏ	h ẏ	0.0˙ 20.0 [%]	2.0 [%]	5.2
P12.23	ĭ h ẏ	ĭ h ẏ	0.0˙ 20.0 [%]	0.0 [%]	5.2
P12.24	h	h	0.0˙ 200.0 [%]	30.0 [%]	5.2
P12.25	ĭ h	ĭ h	0.0˙ 200.0 [%]	20.0 [%]	5.2

P12.26	h	h	0.00 2.00 [s]	0.00 [s]	5.2
P12.27	ǐ h	ǐ h	0.00 2.00 [s]	0.00 [s]	5.2
P12.28	h L	h	0.00 2.00 [s]	0.07 [s]	5.2
P12.29	ǐ h L	ǐ h	0.00 2.00 [s]	0.07 [s]	5.2
P12.32	h	h	0.0 20.0 [%]	0.0 [%]	5.2
P12.33	ǐ h	ǐ h	0.0 20.0 [%]	0.0 [%]	5.2
P12.34	h	h	0.00 2.00 [s]	0.00 [s]	5.2
P12.35	ǐ h	ǐ h	0.00 2.00 [s]	0.00 [s]	5.2
P12.36	h	h	0.00 2.00 [s]	0.50 [s]	5.2
P12.37	ǐ h	ǐ h	0.00 2.00 [s]	0.50 [s]	5.2
P12.40	L ر ẏ	L ر ẏ	0.0 100.0 [%]	0.5 [%]	5.2
P12.41	L ر	L ر	0.00 100.00 [s]	0.20 [s]	5.2
P12.42			0 3000 [s]	300 [s]	5.2

5.1.8 1 ǎ V/F P16

w	O		مخ	Ẏ	
P16.0	~ ۱	~ ۱	320 460 [V]	380 [V]	
P16.2	w	ǎ	0.0 4000.0 [kW]	غمم [kW]	
P16.3	۱	ǎ	320 460 [V]	380 [V]	
P16.4		ǎ	0.0 6500.0 [A]	غمم [A]	

P	30				0.0 100.0 [%]	0.0 [%]
	33			V/F	0 6	2
P16.34	V/F		1		0.0 300.0 [Hz]	5.0 [Hz]
P16.35	V/F		1		0.0 125.0 [%]	11.5 [%]
P16.36	V/F		2		0.0 300.0 [Hz]	50.0 [Hz]
P16.37	V/F		2		0.0 125.0 [%]	100.0 [%]
P16.38	V/F		3		0.0 300.0 [Hz]	50.0 [Hz]
P16.39	V/F		3		0.0 125.0 [%]	100.0 [%]
P16.40	V/F		4		0.0 300.0 [Hz]	50.0 [Hz]
P16.41	V/F	P	4		0.0 /00 %}	

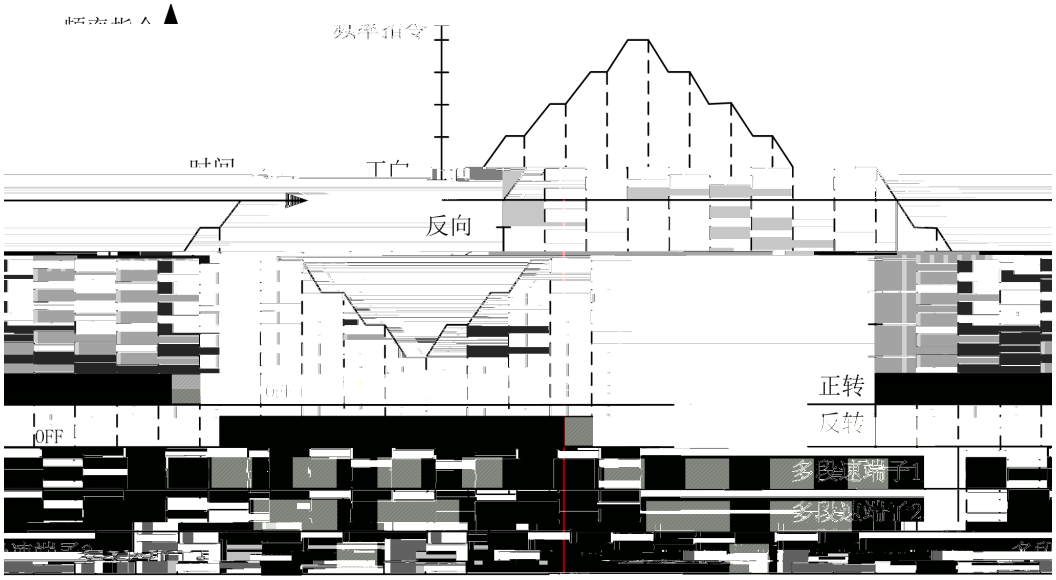
P20.13	T	T	20.0˙ 500.0 [ms]	100.0 [ms]	
P20.14	‖	1 ‖	0˙ 60000	1024	
P20.15	‖ h	[0] [1] ą	0˙ 1	0	
P20.16	h	h ضي 7 ЙĮ	0.0˙ 300.0 [%]	100.0 [%]	
P20.17	h	h ضي 7 ЙĮ	0.0˙ 300.0 [%]	100.0 [%]	
P20.18	h	h ضي 7 ЙĮ	0.0˙ 300.0 [%]	0.0 [%]	
P20.19	h	h ضي 7 ЙĮ	0.0˙ 300.0 [%]	0.0 [%]	
P20.20	w ą	[0] [1] ą	0˙ 1	0	5.2
P20.21	w	[0] [1]	0˙ 1	0	5.2
P20.22	ų	ضي w Й	0.0˙ 300.0 [%]	160.0 [%]	
P20.23	ų	ضي w Й	0.0˙ 200.0 [%]	20.0 [%]	
P20.24	ų	ضي w Й	0.0˙ 300.0 [%]	100.0 [%]	
P20.25	ų	ضي w Й	0.0˙ 200.0 [%]	100.0 [%]	
P20.26	β	β	0.0˙ 1000.0 [%]	0.0 [%]	
P20.27	β ê	β ų	0.00˙ 15.00 [%]	2.00 [%]	
P20.28		[0] ų G P20.16 P20.17 [1] ~ [2] [3]DP	0˙ 3	0	
P20.30	Ų Й	[0] Ų ų G P20.31 P20.32 ų Ų [1] ~ 1 [2] ~ 2 [3]	0˙ 3	0	

P20.31	Ẓ		Ẓ ṿ	0.0˙ 100.0 [%]	5.0 [%]
P20.32	ị̉	Ẓ	ị̉ Ẓ ṿ	0.0˙ 100.0 [%]	5.0 [%]
P20.34	□	ẽ ą	[0] [1] ą	0˙ 1	0
P20.35	شي Ḡ		Å U شي Ḡ	0.0˙ 100.0 [s]	0.0 [s]
P20.36	Ω⁻	شي	Ω⁻ شي ṿ	50.0˙ 150.0 [%]	110.0 [%]
P20.37	Ω⁻		Ω⁻	0.0˙ 150.0 [%]	100.0 [%]
P20.38	Ω⁻		Ω⁻	0.0˙ 100.0 [%]	25.0 [%]
P20.39				0.0˙ 120.0 [%]	100.0 [%]
P20.40				0.0˙ 150.0 [%]	100.0 [%]
P20.41				0.0˙ 150.0 [%]	135.0 [%]
P20.42	w		[0] [1] ą	0˙ 1	1
P20.43				25˙ ms	

P20.53	: └ Kp	└ ד ם	0.0˙ 1000.0 [%]	100.0 [%]	
P20.54	: └ Ki	└ ד №	0.0˙ 1000.0 [%]	100.0 [%]	
P20.55	ם	└ ד ם	0.0˙ 1000.0 [%]	100.0 [%]	
P20.56	№	└ ד №	0.0˙ 1000.0 [%]	100.0 [%]	
P20.62	ם	└ ד ם	0.0˙ 1000.0 [%]	100.0 [%]	
P20.63	№	└ ד №	0.0˙ 1000.0 [%]	100.0 [%]	
P20.98	¬	¬ (ץ)	0.01˙ 300.00 [s]	0.75 [s]	
P20.99			0.00˙ 10.00 [%]	0.00 [%]	

5.1.10 w ă P26

w	O		₯	ץ	
P26.00	w	0 1 ą	0~1	0	5.2
P26.01	ר ‰	0 ¬ ƀ 1 ‰ 2 ‰	0~2	0	5.2
P26.02	ר ‰		0~2500kg	800kg	5.2
P26.03	¬ r ‰		0~500kg	75kg	5.2
P26.04	‰		0~10000kg	2000kg	5.2
P26.05			0.0~500.0%	100.0%	5.2
P26.06			0~10000kg	2000kg	5.2
P26.07			50.0~200.0%	105.0%	5.2



5.2.2 Ḡ ắ

1 Lw

P7.0 Lw L Lẏ w Ω

2 Ḡ w

P7.4 Ḡ w ắ P7.4 ě γ ắ P16.4

ẏ w Ω Ⓟ ǐ ㄓ ∓ ẏ ч №

3 Ḡ

P7.8 Ḡ ẏ ǐ ㄓ ∓ ė P16.4

$\frac{(\quad)}{3}$ 7.8 16.4 1.414

w Ω ғ Ⓟ ǐ ㄓ ∓

ض Ψ

4 ۱ ۱Ḡ

P7.12 P7.13 ۱ ۱Ḡ w ǐ ㄓ ۱ ắ P7.12 ẏ

w Ω ғ Ⓟ ǐ ㄓ ∓ ǐ ㄓ ۱ ʏ G P7.13 ẏ w Ω

ғ Ⓟ ǐ ㄓ ∓ ẏ

5 Ḡ

P7.14 w ǐ ㄓ IGBT ắ P7.14 ẏ w Ω

ғ Ⓟ Ї ҁ Ҿ Ї ҁ

P7.15 w Ї ҁ ض Å ЙӇ Ї ҁ IGBT ӑ P7.15 ụ w Ω

6 Ḡ

P7.19 P7.20 P7.21 P7.22 w ӑ P7.19 ụ w Ω ғ Ⓟ Ї ҁ Ҿ P7.19 P7.22 ụ ч №

7 Ω Ḡ

P7.23 Ḡ ₇ ض L ч P16.11=1 ƀ P7.23 ч ụ Ḡ w L ЙӇ Ω Ẓ ٧ ش ض Ω

ғ P7.23 ụ ↕ w Ω ғ Ⓟ Ї ҁ Ҿ

8 Ḡ

P7.31 P7.32 Ḡ w ₇ ض L ч P16.11=2 ƀ P7.31 Ẓ ụ 100% P7.32 ҁ Ь Ӈ Ҿ P7.31 ụ P7.32 w Ω ғ Ⓟ Ї ҁ Ҿ

9 ӟ Ḡ

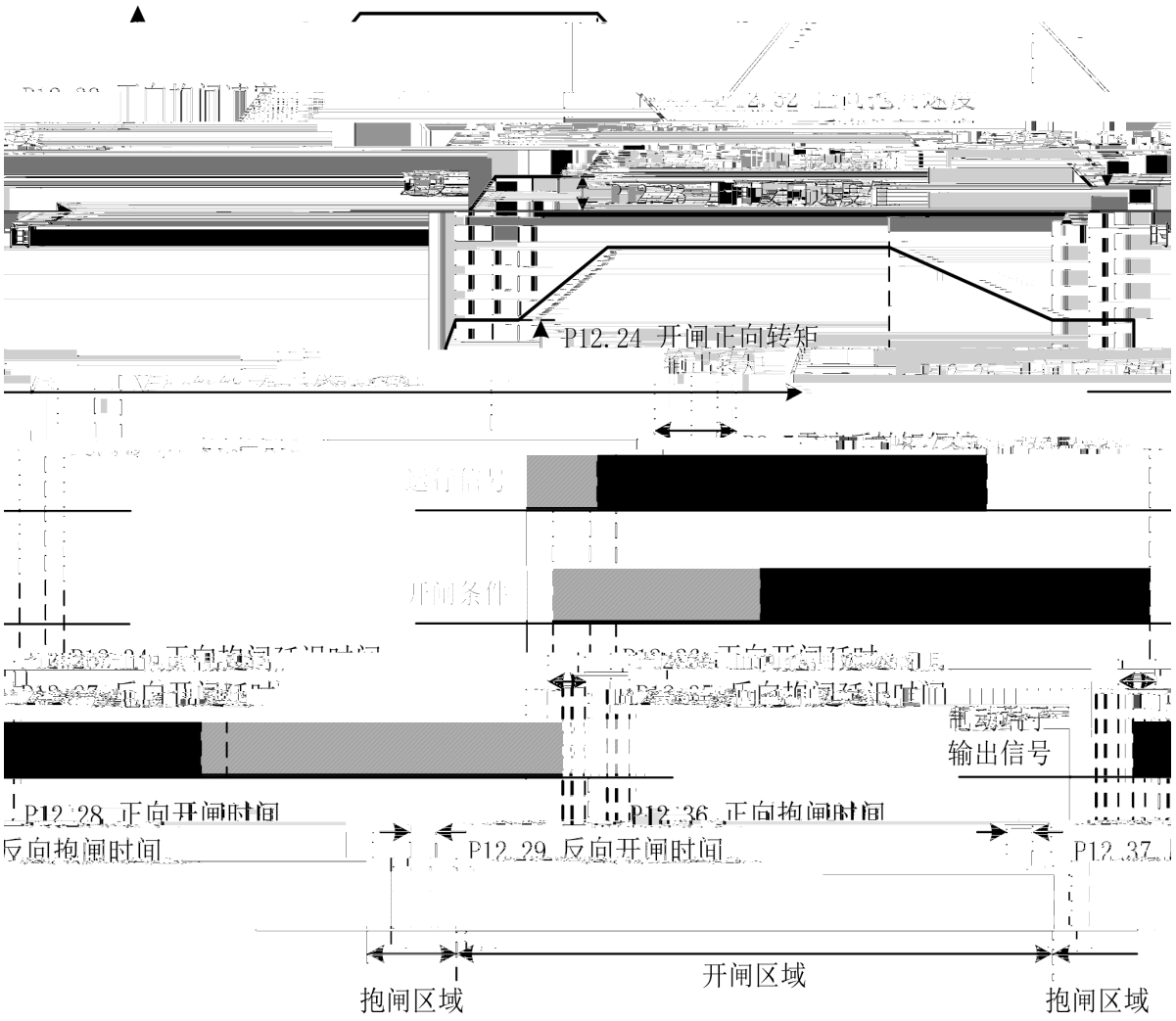
P7.33 ӟ ض ӟ ƀ Ţ ƀ ӟ P7.33 w Ω ӟ

10 Ḡ w

P7.48 P7.50 Ḡ w Ḡ ụ w Ω ғ Ⓟ Ї ҁ Ҿ ỉ Ḡ ӑ ЙӇ ىد

P12.36 ¿ P12.37 ɾ ĭ ϟ ᒷ Ḥ ₹ ث ɒ ⌡

ĭ ỿ γ P16 ǎ ч ‰



5.2.4 └ ◌ Ḡ

└ ◌ Ḡ ˜ ă̋

w	ă̋ O	ẏ		
P4.2	₣ 1	3 └	└ └ ˗ ◌	₇ ₣ Ң ѡ w
P4.3	₣ 4	16		↻ └ ˗ ◌ Ḡ w
P12.40	└ ◌ ẏ	10%	100% P16.6	
P12.41	└ ◌	0.1s		
P12.42		300s	ă̋ ₇ ضِ └ Ӈ	

w . ضِ └ └ Ӈ

└ ◌ Ḡ w ∕ ĭ̋ ◌ ɢ Å └ Ӈ Å Ӈ ĭ̋ ◌ ₣ └Ӈ Å Ӈ ĭ̋ ◌. : ₣ ⌡ ◌ ĭ̆ ᵀ ɢ ẏ ғ ŭ̆ └ ◌ Ḡ w □ ĭ̋ ◌ ₣ Ɣ ɢ Ţ ғ ₣ ◌ Ң̊ Ң U ˜ ƀ Ӈ ⌡ ضر ŋ β ĭ̋ ◌ ќ └ ◌

P12.42 └Ӈ ĭ̋ ◌ . ₣ └ ◌ ĭ̋ ◌ Å ₣

5.2.5 w

w ˜ ă

w	O		
P26.00	w	0 1 ą	0~1
P26.01	٦ ‰	0 ˥ ƀ 1 ‰ 2 ‰	0~2
P26.02	٦ ‰		0~2500kg
P26.03	˥ r ‰		0~500kg
P26.04	‰		0~10000kg
P26.05			0.0~500.0%
P26.06			0~10000kg
P26.07			50.0~200.0%

1 ‰

1 ṗ₇ ₩ O ‰ ₂ ‰ ₂ r ضي ă P26.03 ١ β kg

2 ‰ ‰ 3s P26.01 ч 1 ‰

‰ U ψ

3 ‰ ضي ṗ ѵ ˜ 2000KG

⌡ P26.04 U P26.01 ч 2 ‰ ‰ U ψ

ضي ‰U Ŭ ṿ ˆ Ь ‰

4 ˆ P26.06

2

Ь ‰ ‰U ˆ ѵ ă “ ”

Ь ѵ ٦ ₩ ₩ ↕ ‰ w ˆ Ь ṿ

ė w U ٧

5.2.6 w w

ч ъ ٦ ъ ʒ ٦ w r ṗ ъ w └w

З ч w w . ضي └ Й ă

Й

w ă O ẏ

P20.21 w └ 0 “ قمم ”

ч ش ɒ ч 50HZ

P20.22 └ ẏ ч 85HZ ẏ ч 85/50*

٦ β % 100%=170%

ч ⌠ P ɒ 2T

20.22 ḍ ф ˜Ḥ 1T

ь ⓑ Ð Ш ˜Ḥ ٧

P20.23 ẏ

№

مخ 10%-50%

Ѫ

"

5.3 ٦ W ٦

K v β p ٦ γ b ٦ P12.04

⌠ ⋮ β ˜ U ⁻ ⋮ ˝ γ P12.03

⁘ ß⁘ ٦ β ˜ Ψ ⁘ ٦ β p □ ٦ ⋮ Å ٦

ɾ Й Ь ⁘ □ Й ⌠ Й β ˜ Ψ Й β p □ ٦

⋮ Å ٦ ɾ ⁘ ٦ Ь Й

⁘ ⌠ ‖ β Ψ ‖ β p ⌙ ڪ ٦

Å ∓ ⌠ Й ɒ U ٦ β ڑ Й ث ɒ ∧ [illegible]

β U ˝Ң ˙P ⁘ ٦

1 ṗ ƀ

ѽ β Œj Ȅ!" ṗ Å □ Ḡ ƀ ȅ & ÈL€ ß 1l Œj È!" & ÈL€ G β ƀ Ţ β ∫ p ٦ ƨ ╦

Й Ω⁻ ڑ Ω⁻ Å ˆ ƀ ⌙ ٦

ƀ ⁘ ₩ ʜ №≠ γ ⁘ ⁘ Й ₩

ʜ №≠ γ Й Й ü ,ƥ ≠ȩ№o "

3 تخه ƀ

ضي ṗ ƀ ' Ӣ تخه ~ تخه ƀ ɣ ṗ

ƀ̃ ¬ ₹ ̃ ṗ r Ӣ تخه

ʔ ʔ Y ˈP Ӣ Ӣ w̄ U ʔ Ь p ¬

تخه Ӣ L¬ ک

1 تخه ضي W̄ ۷ F ʒ¬ 2 ƀ ¬ ŋ

2 تخه تخه W ضي Ӣ ۷̃

3 تخه ک β F ʒ¬ 2 β Ь تخه ک Ь

f̀ ک ą تخه ک Ð

6 ϖ

ϖ ϖ

	ϖ Ḥ	ϖ ∕ ⁄	
	‰ SYS_NOT_RDY	ΐ ϖ ~ ∕ ⌡ ‰ (Ready)	ΐ ϖ ~ ∕
	ϖ REMOTE_EM	~ ϟ [Ả Ḥ] ⌡ ὶ Ð	ἄ P3 ~ ἄ ϖ ΐ
	OT	ΐ ϖ ⌡ ἄ ( ) ṿ	' ϟ
	MODBUS ϖ MODBUS ALARM	Modbus ϖ	odbus L β
	ἄ PARAMETER ERROR		ϖ ϓ ⁄
	Temp_Sensing Fail	ϖ	

6.2 ϖ

Ḯ ϖ

ϖ Ḥ ⁄ ΐ

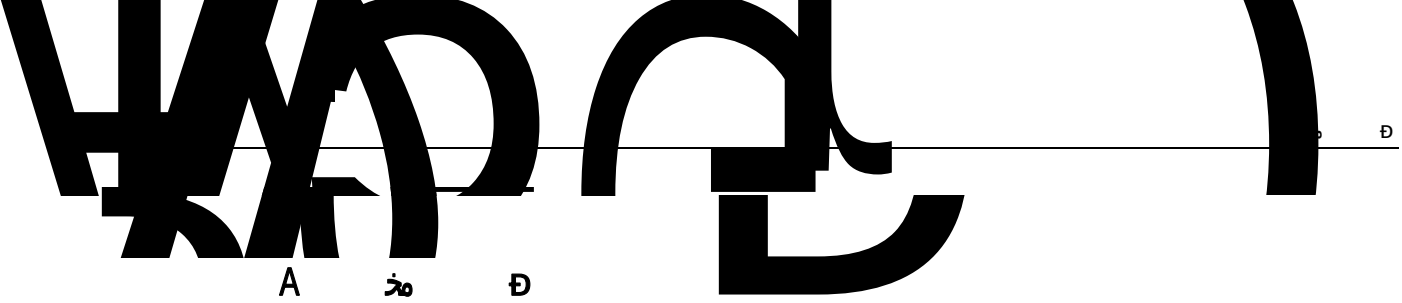
[E051] U IGBT ERROR_UVLO not reset IGBT ΐ ϖ

[E053] V ϖ

[E057]	ρ └ ↑ Ή Ь β ERR_DB not reset
[E100]	↑ OV
[E105]	↑ UV

└ IGBT Ղ
└ IGBT ¬ ï ¬ Ղ
U
└ ֆ
ձ P8.35(⁞ 1) ì
ձ P7.12(↑)
~ ↑ Й ↑ ⌠ ì └ ų
~ ↑
~ ↑
ï(ձ 2

[E119]	SPEED ABNORMAL	৶ ė ă P20.14 P20.15 ղ ă P7.31 P7.32



CZT200( )

CZT300(G CZT200

GD300-NP31K

GD300-NP31

ZMHBX-3t

ZMHBA-3t-GX12-5P

GDHF630N4PG01A1

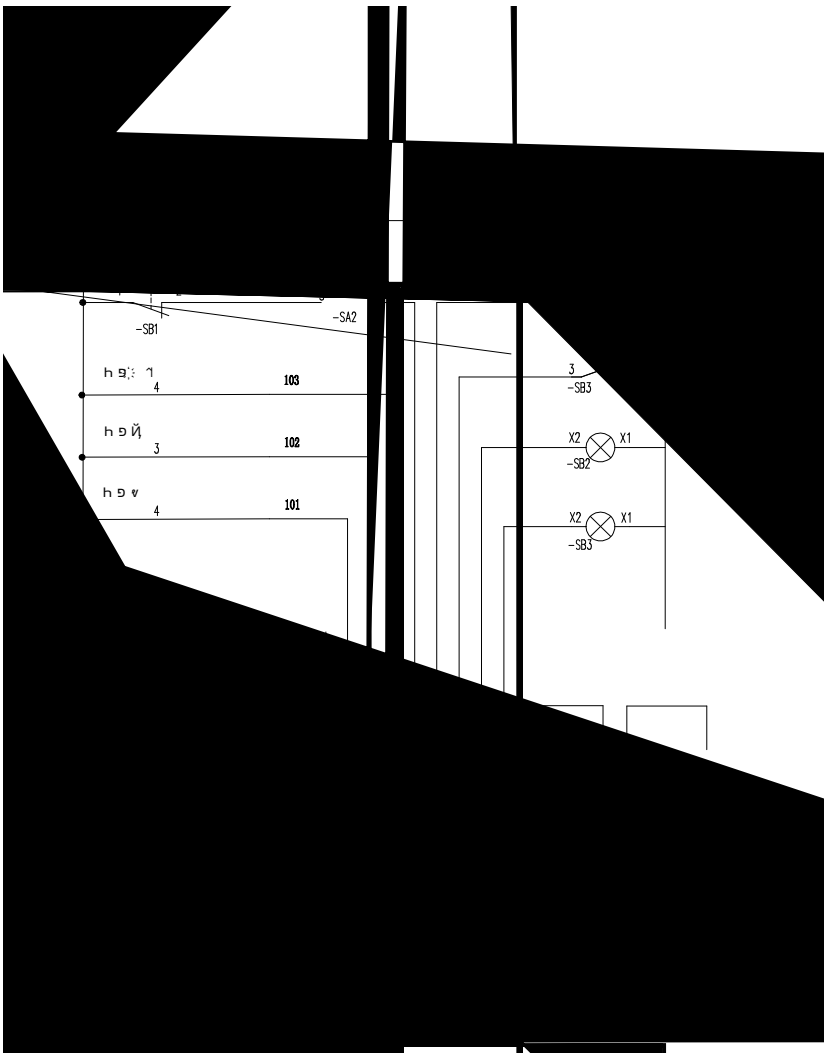
A.1 ṗ ƀ˜

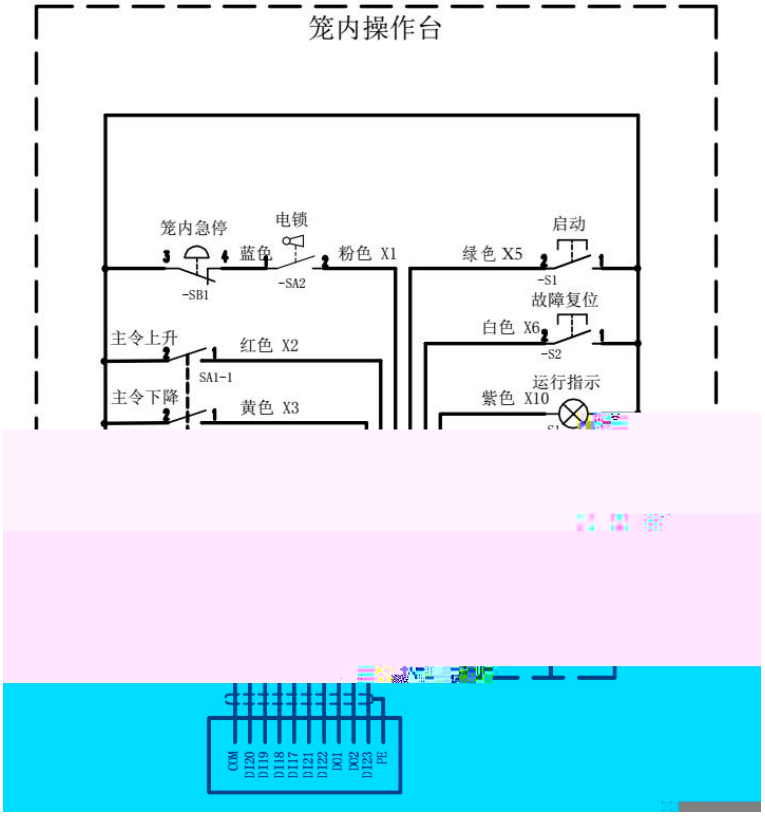


CZT100 ﻗﻤ ƀ˜ Ғ ΰ ϖ ϒ Ғ ƀ˜ Ω Å

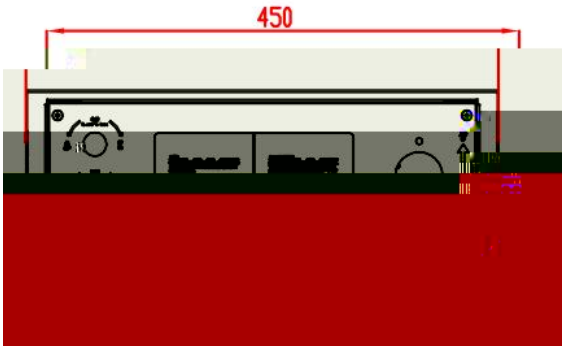
β w ί п

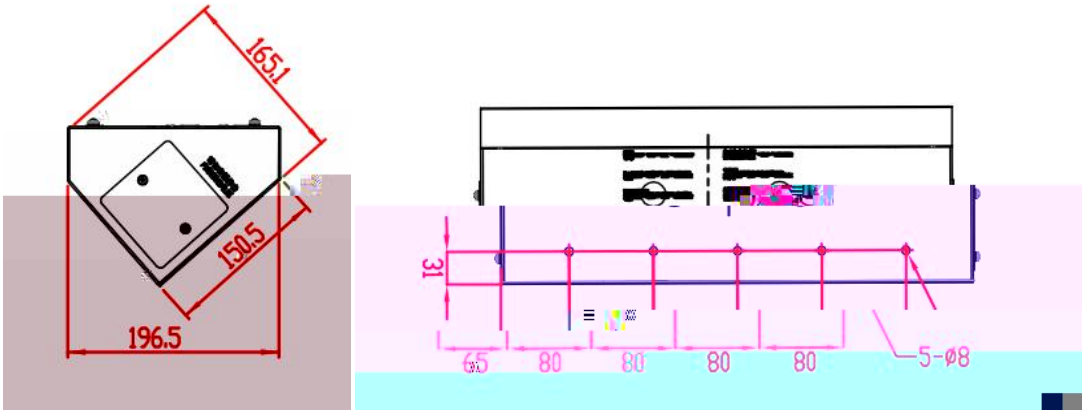
CZT100 ƀ˜


-SA2
-SB1
103
-SB3
X2
X1
102
-SB2
X2
X1
101
-SB3

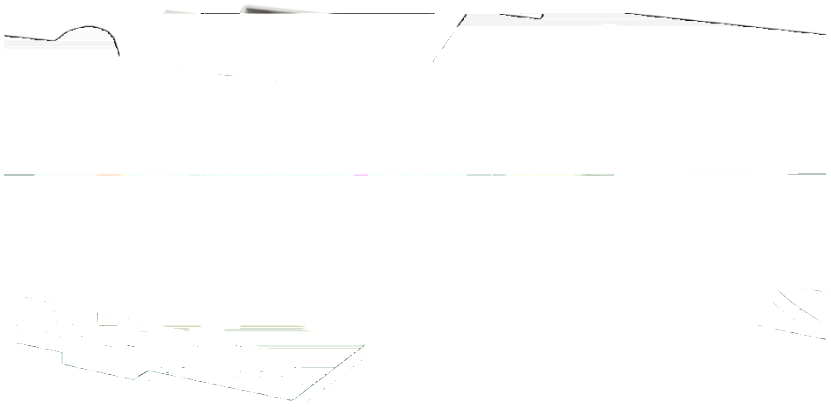

笼内操作台
笼内急停
-SB1
电锁
蓝色
-SA2
粉色 X1
启动
绿色 X5
-S1
故障复位
白色 X6
-S2
主令上升
红色 X2
SA1-1
主令下降
黄色 X3
运行指示
紫色 X10
COM
D120
D119
D118
D117
D121
D122
DO1
DO2
D123
PE

Þ˜ ›¨


450

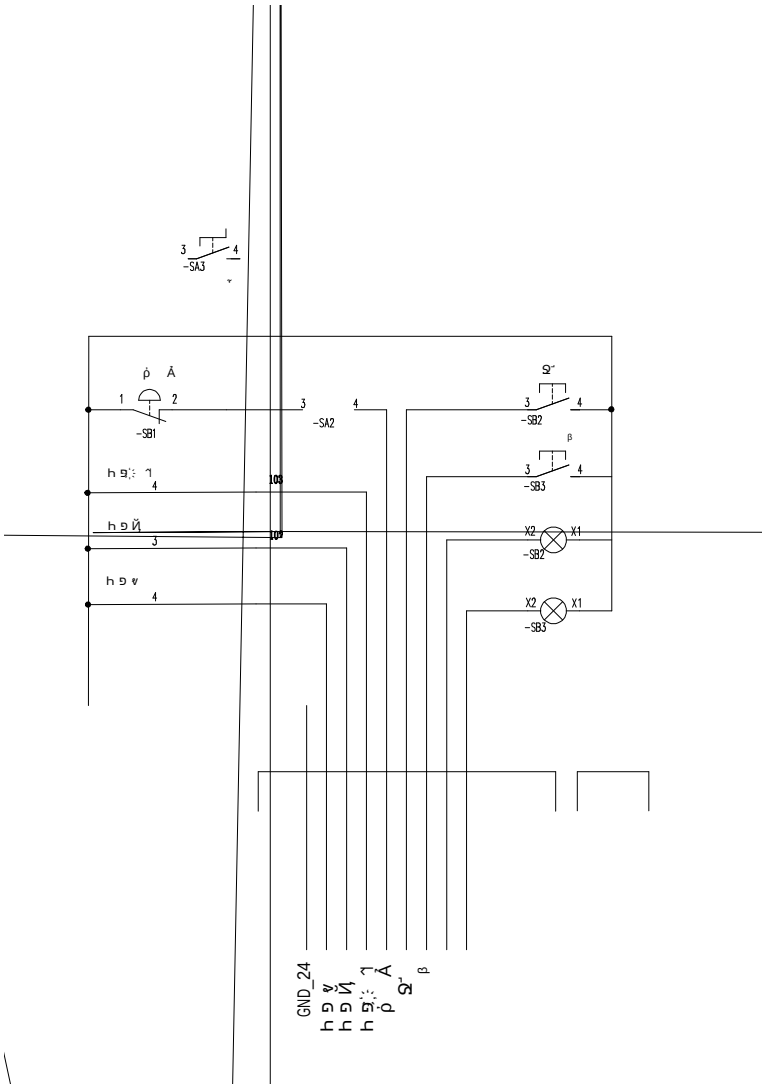

165.1
150.5
196.5
31
65
80
80
80
80
5-ø8

CZT200 Þ˜ ›¨



CZT200 مقمم ƀ˜ Ғ ΰ̈ ŵ ٦ Ғ ƀ˜ ضي CZT100 ƀ˜

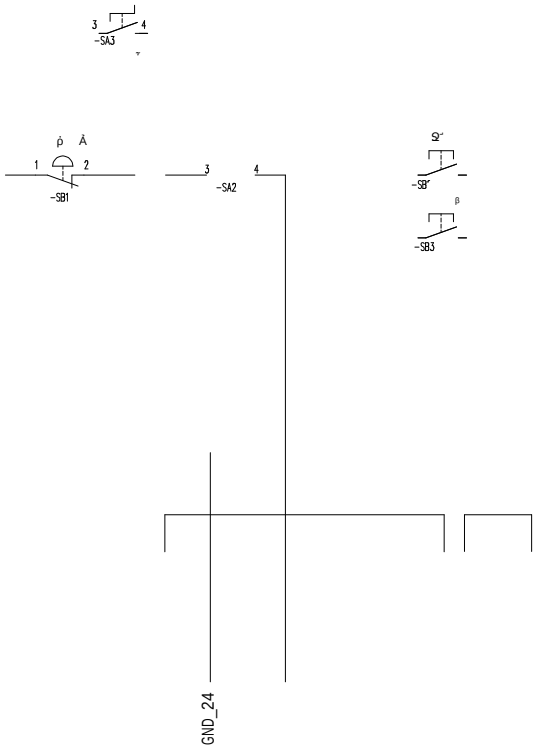
ŵ ƀ ⌐ w



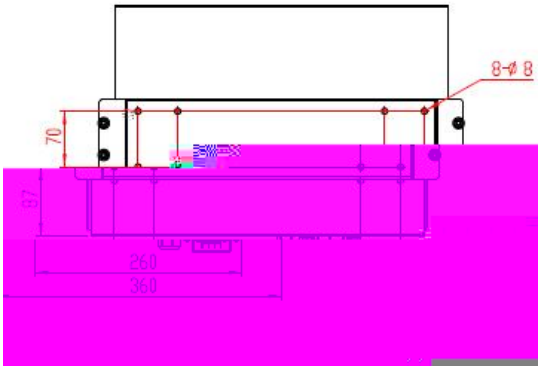


CZT300 فهم ƀ˜ Ғ ΰ ϖ ٦ Ғ ƀ˜ ضي CZT200 ƀ˜

ﺕﻫ ـ ≠ w

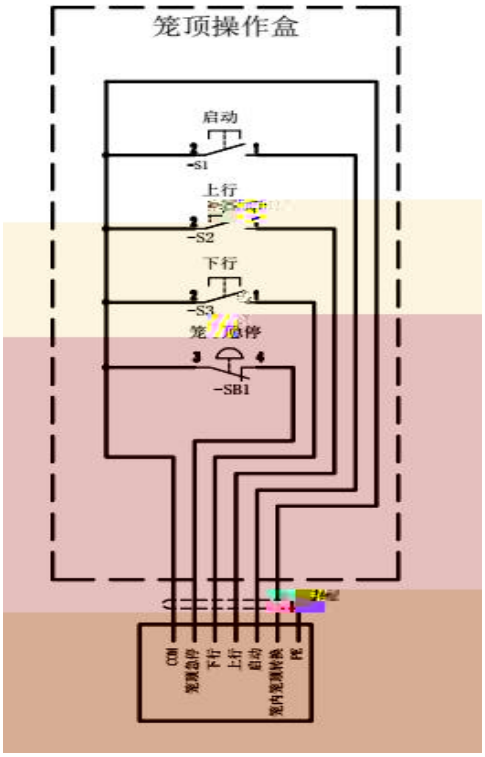


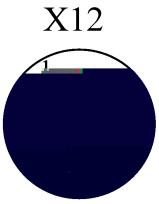

456.6
310.5
265


8-ϕ 8
70
260
360

A.2 ƀ







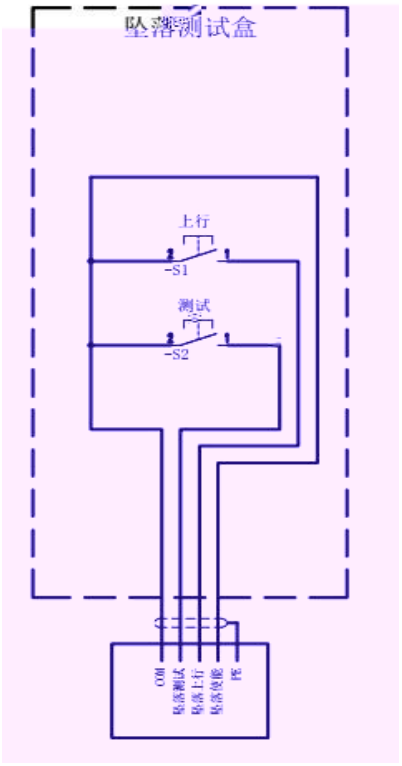
ƀ ƀ ›¨ ›¨

GD300-NP31K ƀ ˥ ẅ r Ғ ƀ ą Ḃ

	ẘ		
1	ṗ	ṗ Ь COM	ɢ ƀ ė ṗ ƀ˜ Ⓟ ṗ
2	Ả	ṗ Ả	
3	COM	`E ˜	
4	Ω¨	ṗ Ω¨	
5	⁘	ṗ ⁘	
6	Ӣ	ṗ Ӣ	
7	PE		

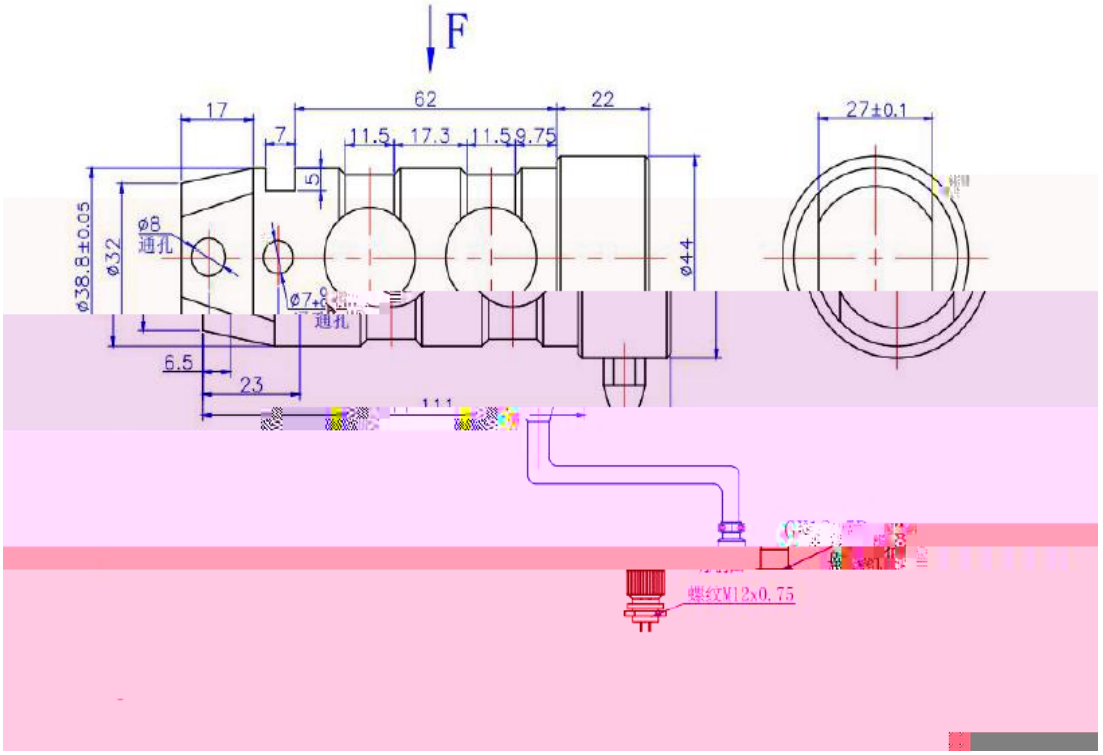
A.3





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4	COM		
5	PE		

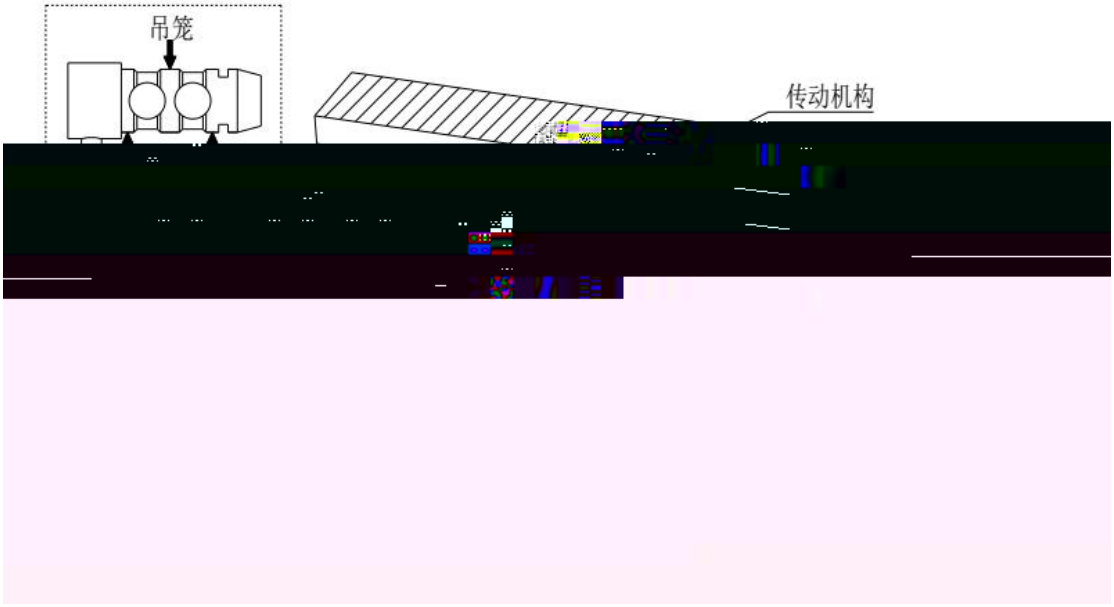
ZMHBX-3t D ৸



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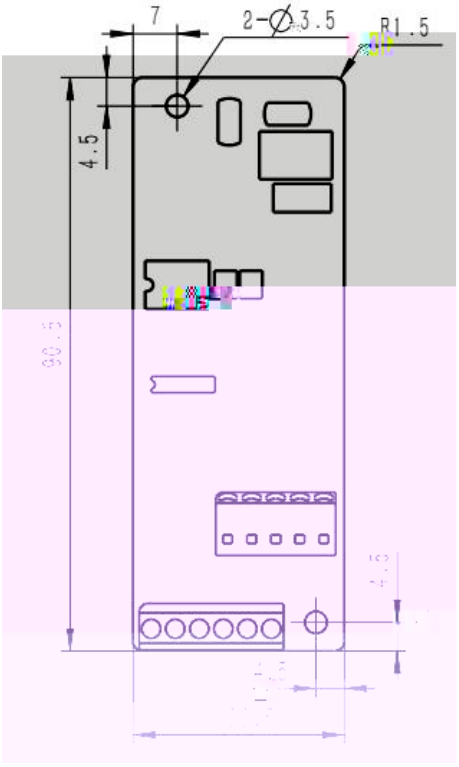
ắ	
	3000 KG
₹ mV/V	1.0mV/V
ᵛᵛ	0.5%F.S
ĩ	±0.05%F.S/30min
ƀ	-35 ~+70
~ Ω	370±20
₹ Ω	350±3
ŋ	150%F.S
ᴸ ∧	10VDC
	ᵛᵛ Ь

D



A.5 ⅵ

1 ⅰ



PG ⅵ

2

	ⅷ	ⅲ	ⅰ	ⅱ
+15V,GND	ⅵ	…	15V ± 5%	300mA
A+,A- B+,B- Z+,Z-	ⅵ	0-80kHz	0-15V	…

3 ⅳ

1 ⅷ

ض ⅷ PG ⅵ PG ⅵ ‰ ´ ´E ´ ⅵ

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2

PG ۱ ¨ 8 ɷ Ӣ̨ يح

A+	A-	B+	B-	Z+	Z-

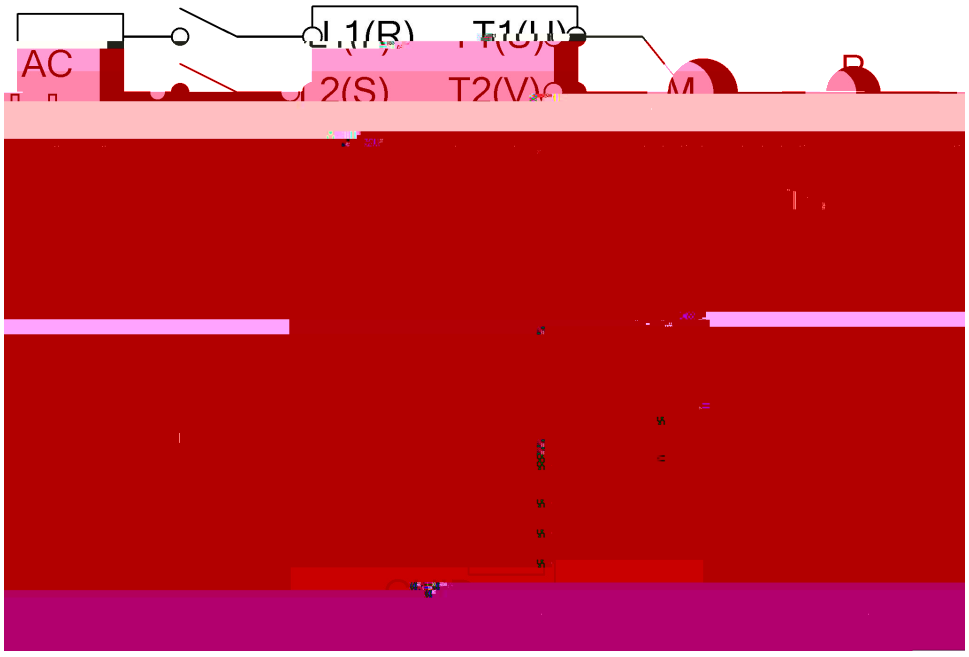
+15V	GND

ì Ţ +15V GND ч ڪ ƀ ~ A+ A- B+ B- Z+ Z- ч ڪ Ḥ̂

~ PE ч ą PE ض

3 ۱ يح

PG ۱ ۱ يح



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(1) PG \ Hˇ Ь¯ z №

(2) ч ѽ ск Hˇ ї ∫ ч PG \ Hˇ

(3) ск ор ї ск PE ѡ ч ор

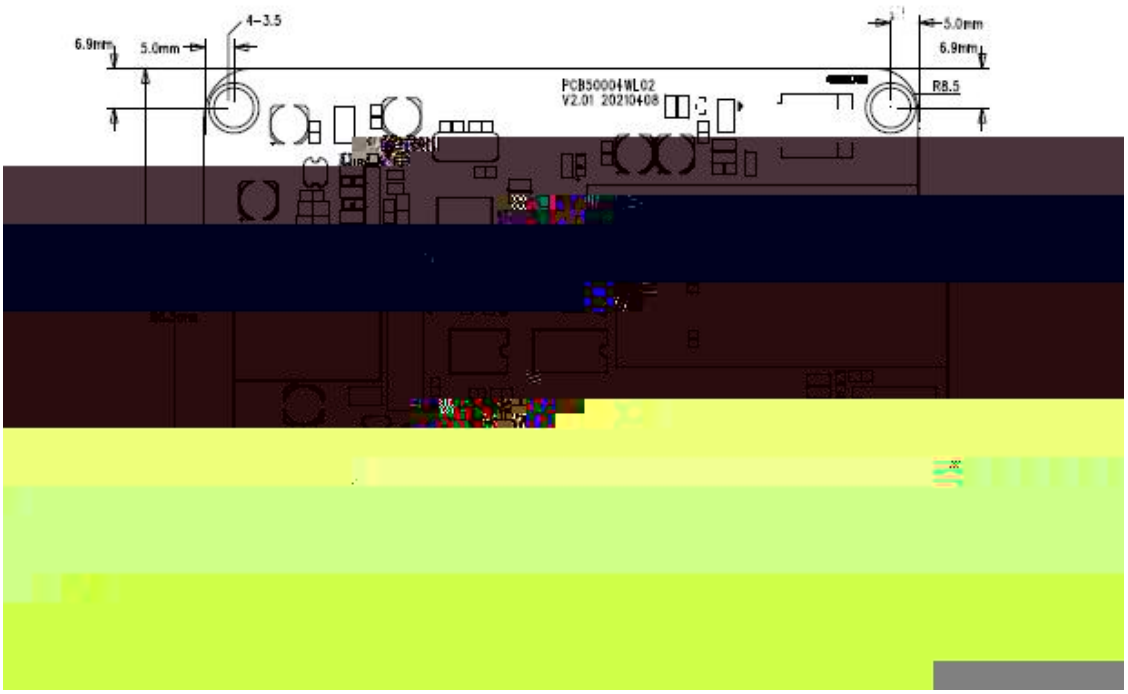
ү ѽ Hˇ ї

(4) ч № PG \ A- B- Z- GND

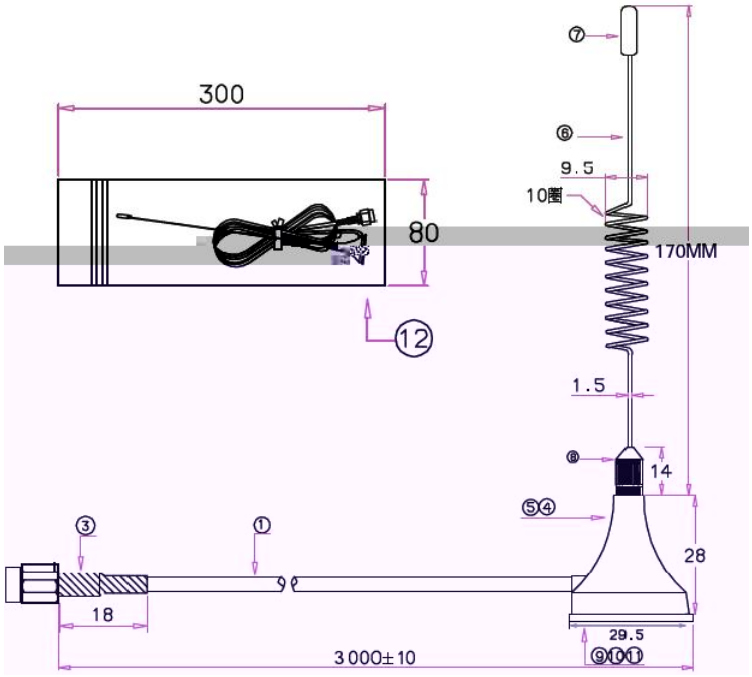
A.6 \ ð

1 \ ð № \ ð GDHF-WP02 ę ~ \ ð GDHF-WP04

2 \ ð ч \ \ 4G GPR 2 ї



\



4G



GPS

[illegible] GSM [illegible]

[illegible] GSM [illegible]

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ǂ ă P28.36 ضر Й ь ĭ ⌡

o h ٦ ŭ ǂ ث ɒ ٦ ǂ ь ψ ĭ ⌡

o h ٦ ŭ ŭ ╠ ث ɒ ٦ ج ╠ ϼ

ė GPS Ң

o h ٦ ŭ ŭ ╠ضر β Ң ٧ ج ╠ϼ GPS

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P28.0 مهم [1] ĭ ر 0˙ 3 0

[2] ج

P28.1 ٧ ˆ _A ٧SIM

P28.11	Ⱶ Ţ 1_C	Ⱶ Ţ SIM ∖ U4 β	0˙ 9999	0000
…	…	…	…	…
P28.33	Ⱶ Ţ 9_A	Ⱶ Ţ SIM ∖ ╠3 β	0˙ 999	139
P28.34	Ⱶ Ţ 9_B	Ⱶ Ţ SIM ∖ Ţ4 β	0˙ 9999	0000
P28.35	Ⱶ Ţ 9_C	Ⱶ Ţ SIM ∖ U4 β	0˙ 9999	0000
P28.36		∖ β ч Hz	0.0˙ 5.0	5.0

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≠ ч ╠3 β Ţ 4 β ɨ 4 β

ɒ Ⱶ Ţ ч 13912345678

P28.06 ă ~ 139

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№ Ώ ą Ḥ ŭ \ ĺ ᵣ ث פ غ ﷺ ṗ Й

1. ث פ

2. ث פ lock

3. U \ ﷺ Lock Done

4. Ḥ \ ﷺ Ḥ ŭ ث פ

5. ث פ

6. ث פ unlock

7. U \ ﷺ unLock Done

8. Ḥ \ ﷺ Ḥ ŭ ث פ

9. ث פ

10. ث פ state

11. \ ﷺ

12.state:Lock(unLock)

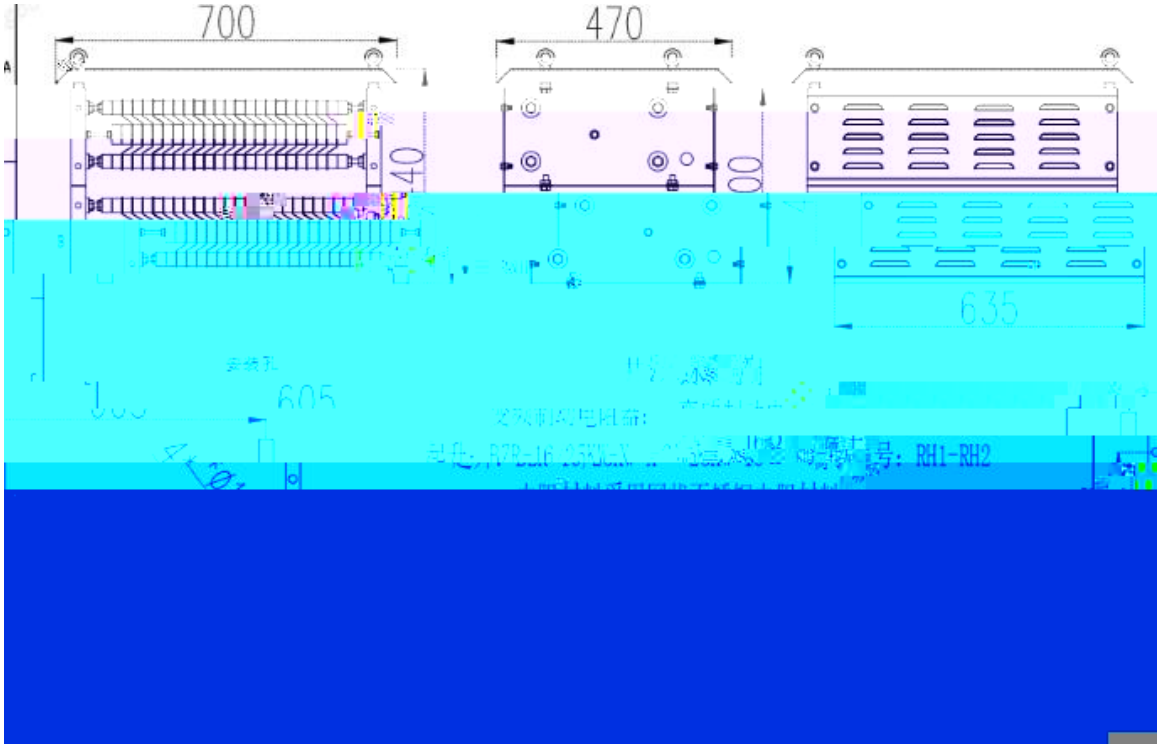
13.Exxx Wxxx

14.GPS:+-DDDMM.MMMM +-DDMM.MMMM

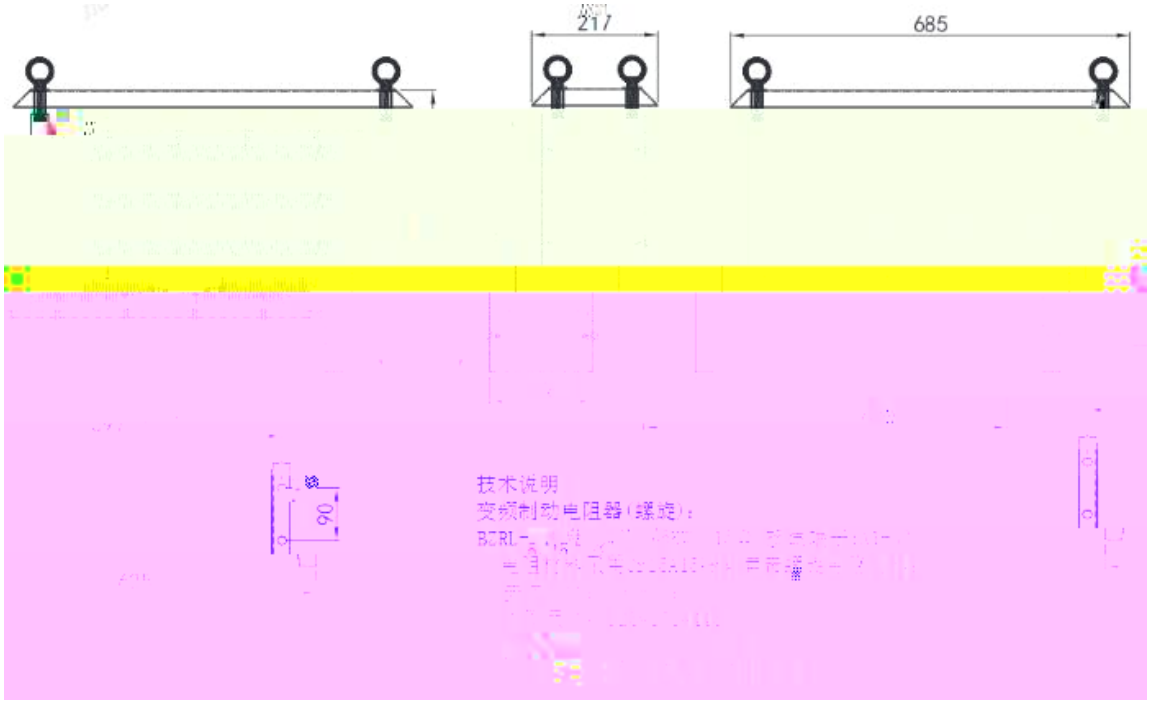
15. ỉ Ţ Lock unLock ╠ ˥

37kW

WBSJ2020-0312-2 16Ω/25kW

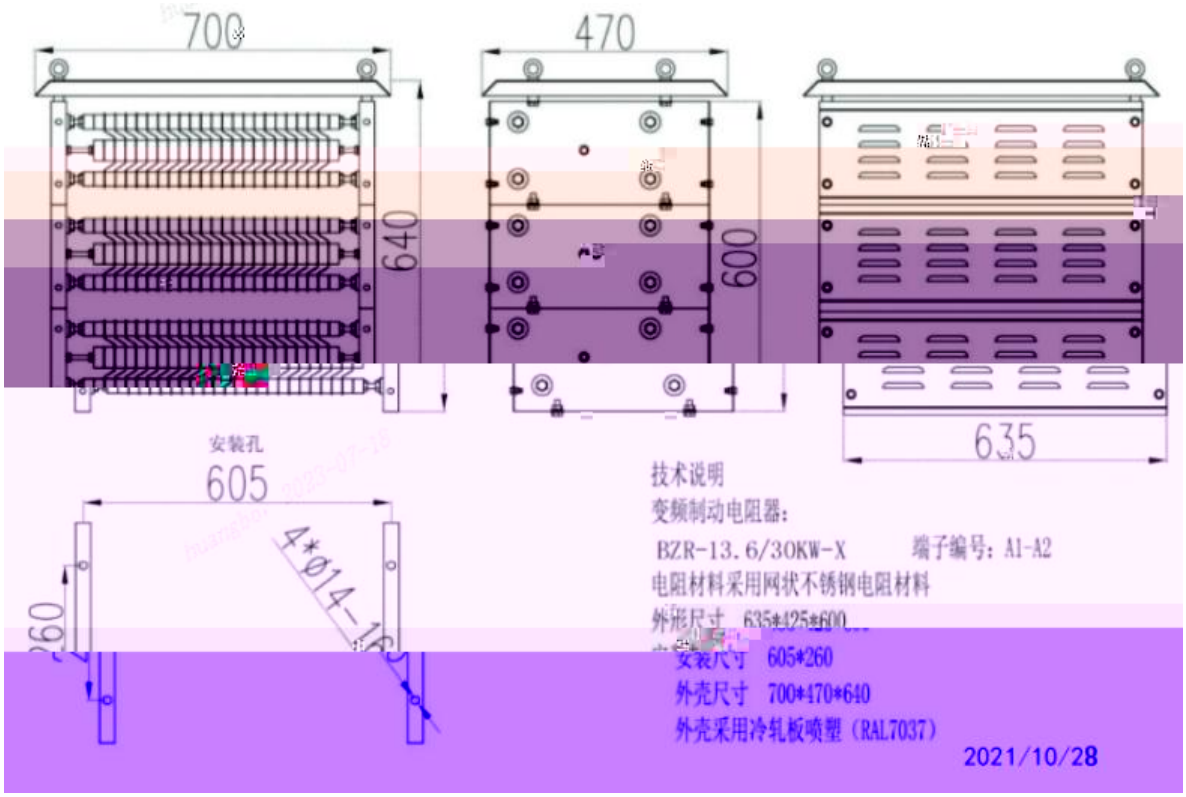


BZRL-15/25KW 15Ω/25kW



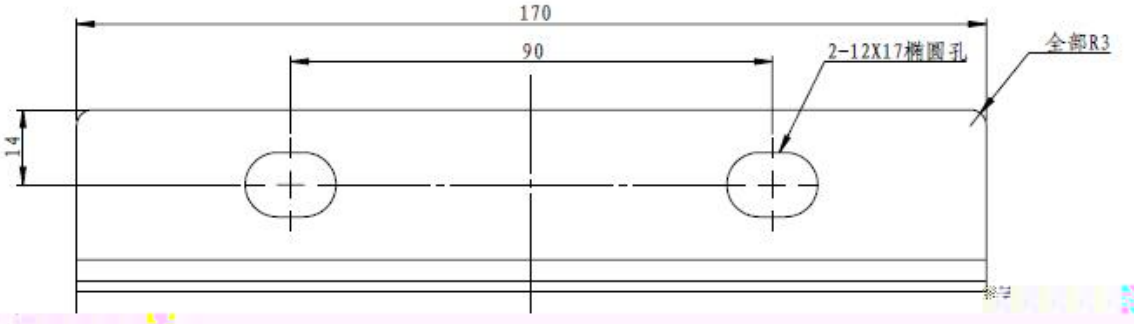
45kW

ZCDQ2021102822 13.6Ω/30kW



A.8

BZRL-15/25KW 10.10.A36.03.XS00



A.9 L-

L- Ĭ Ч № 37kW є 45kW Ŵ r

Й

O			α		
L-	1	WBSJ2020-0312-2	16Ω/25kW	22.10.A36.96.200	37kW Ŵ r
L-	2	ZCDQ2021102822	13.6Ω/30kW	22.10.A36.96.200	45kW Ŵ r

B w ђ ¬ ≠ غ ت ђ

B.1 w

ђ ĺ ¬ ≠ غ ت w ¬ ≠ ђ ٦

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ђ ¬ ≠ □ ₩ ₇ G ¬ ≠ w ٦ w غ ت w

Ţ ₩ Δ ч

٦ w №ч 3 ₡ ₩ w ٦ №≠ غ Ң ĺ ᵣ ΎЯ

Й

1 ΎЯ غ – w Ω ώ ΎЯ ₩ ₡ 2 ˜

2 ˜ ~ 2 2 ¬ Ң ₇ 2 ˜ ĺ ₹

ت Ң ₹ غ – ,ϮoΨ₩C₀ 2 ϧ ض ¬ ≠ ң U ˆ ϒ ђ

ǂ p Ω0 _ CΛ

1.1 ض ΎЯw ٦ ˜ ϒ ID ~ Ţ O ≒

ώ ₥ ₹ ¬ ¬ Ę ≒ ¡ D٨

ا β ч № β ا β ч

2.4 ض w ا ق ي

∞ ٦

2.5 ض ت ح ك w ا ق ي ا ق ي ا ق – غ ŋ

– ъ

3 Ḥ Ḥ Ḥ غ Ḥ w

3.1 ض Ḥ w ا ق ي

ا غ ق ق م ا غ ≠ w

3.2 ض w ا ق ي ъ

3.3 ض Ḥ w ا ق ي ∓ ٨ Ð ه ن Ð غ ق ₩

↓ق

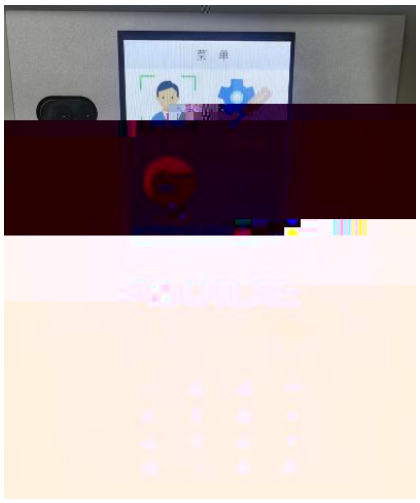
3.4 ض Ḥ w ا ق ي № ȳ Ƈ

B.2 :

≠ غ ت w ٧ Й, ي ح № ч ي ح "E ~

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1 ۱ ɢ ˜ ۱ ضي “ ۱ ” ˜˗ ≠ ˈP

“ ۱ ” “ 2 ” ⅃ ΐ ِضّم ɢ ˜ ≠ ˈP

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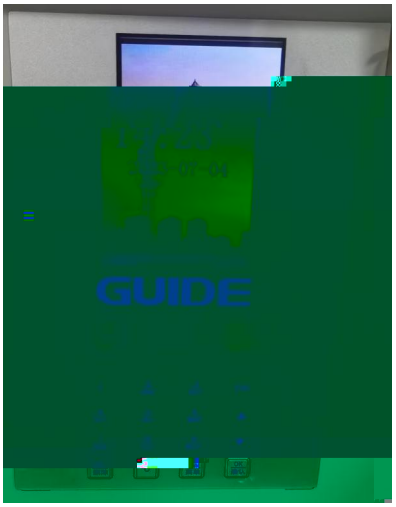
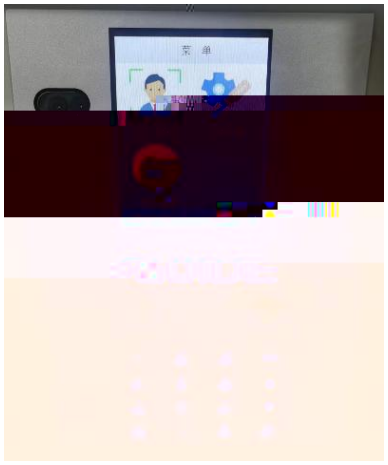
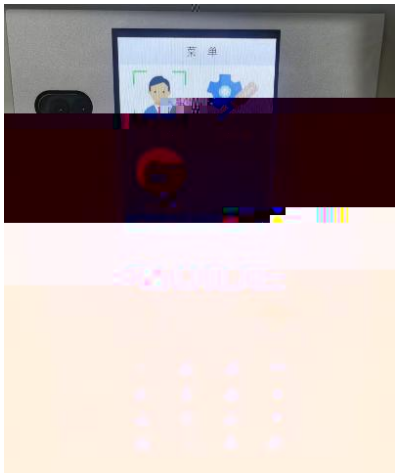
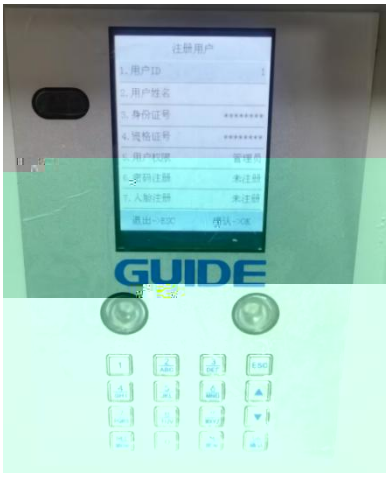
b ض ا “ ” “ ” P “ ” “ Y ”

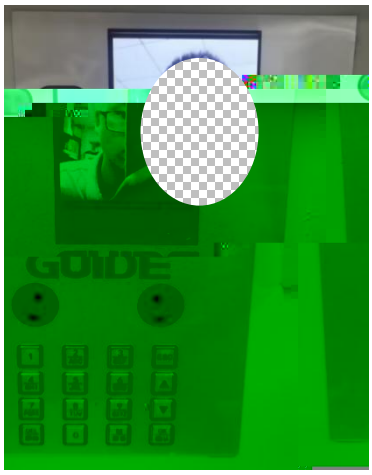
“ h Й ” “ O ” ą T9 ~ ~ Ţ O

ID ė O Ү Ḃ G “ h Й ” “ ” “ ”

ą ض “ ” ė “ 2 ” 2 ţ Ţ Ⓟ “ h Й ” “

Y ” “ Y ” ~ ъ Ъ Й

		≠ ¬	
	“ ﻝ ” →		ˈP “ ﻝ ” →
2		ﻝ h	
	w ~ ﻝ h →		“ ” “ ” w →
		ˊY	
	ˈP “ ” “ ˊY ” w →		~ O ˈP “ ¬ ˊY ” w →

´Y	
	~ 4 ɷ ي Й 4 ɷ ~ w

ي 3 ´Yي

2 ´Y ا

a) ID ɾ ´Y ID ID مخ 1~100

b) O ~ O Ḃ U

c) “ ” ą ì ضي “ ” غ “ 2 ” 2 ممم Ţ

Ⓟ ɷ 2 ᵖ w̄ ɷ ´Y ч 2

d) ´Y ~ 2 ´Y L ضي 4~8 β

e) ´Y ч ↄ ˩ ~ 4 ~ Й 4 ɷ

1 ɷ w̄ ɷ ~ Ĭ غ ۊ

B.5 –

a) 2 U ~ ا “ ” ꞌP “ – ”

b) “ – ا ɷ ” U ~ – ID “ ”

– “ – ” U “ ” – “ ↓ –

” “ ” ↓ – –

c) “ ↓ – ” Ţ Ɣ ∫ ´Y ĭ ᵣ Ḥ ID ´YO ĭ Ḥ

Ḃ Ḯ ᵣ Ḥ غ –

B.6 L

ض ٧ “ ” ɷ “ L ” ɣ ỉ ч

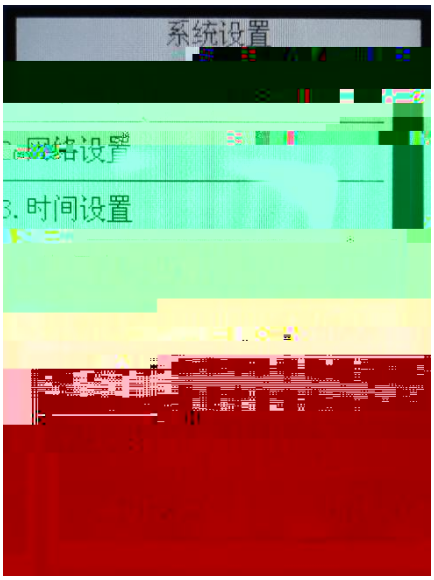
٧ β ч № β ٧ β ч

a) ɢ ⅃

b) ɢ ⅃ ₩ ꞉P ⅃ ₩

c) ɣ ⅃ Ḡ ⌡ ꞉P ⅃

d) β ⅃ ꞉ ϡ ɣ ˗ β ⌡ ʜ ╠



يح 4

B.7 ت №

ضت ح w ٧ ɣ ٧ ɷ ٧ ٧ ɷ – غ ɳ –

ٷ ٮ ƀ Й

ت № ٷ ٷ

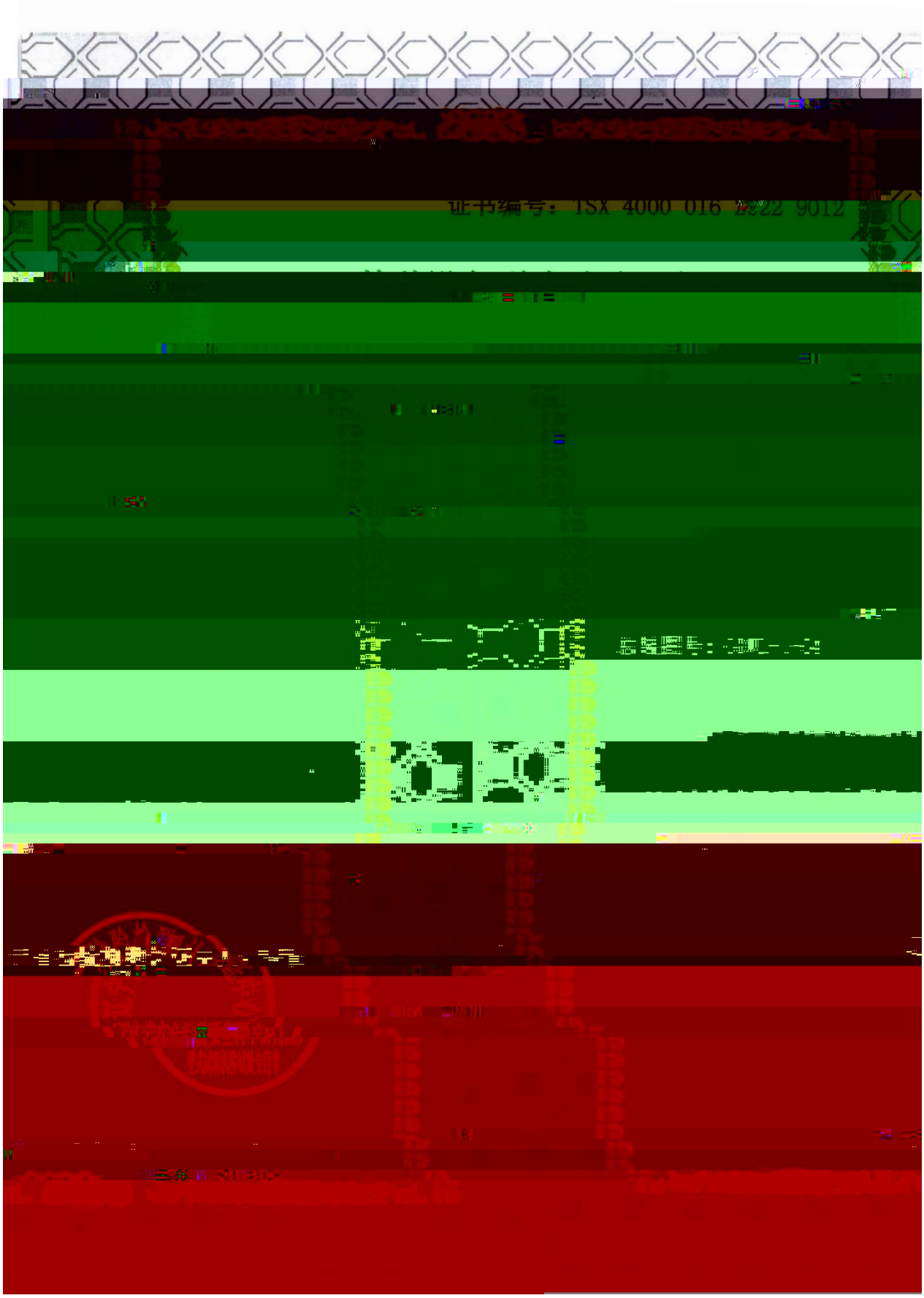


“ ”

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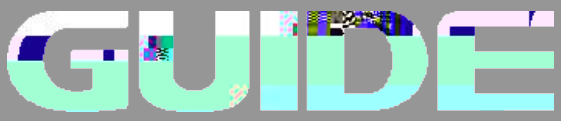


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M È˜

Wuhan Guide Technology Co.,Ltd.

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430223

86-027-87927230

shfw@gdetec.com

ي www.gdetec.com

قU Ⱶ Ғ 400-0077-570

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