Elevator

SJT-WVF5-K

ˆ **BL2000-BKT-Vn/FR2000-BKT-Vn** ˜

Elevator Control System User Guide



ﾊﾞｰｼﾞｮﾝ SWVF6-05.2-0504

III

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б ӈ ҕ Â ǵ ⁂ ╗ ˘ جه

⅄ ȁ ╗ ȁ ╗ Ɲ ȁ б ȁ عجه

كا Â

⅄˘ ⁂ ѝ ⅃ ’ ⅃

12 ЛЮ˘ 1.75 / ˘ ⅃ جه ⅄

Â

SJT WVF6 BL2000-BKT صر ´ فى

⅃ ´ ك FUJITSU ǵ 32 Æ ⅄ ӈ ҕ˘ ȁ

⅃ عجه ’ Ɲ ⅄ ǵ ╗ ╗ ˘ ⅄ ⅄ ⅃

Л ’ ˘ ⅄ ╗ ˘ ⅄ ˘

⅃ ˘ ⅃ ǵ ⅄ Â

Л ˘ б Â ˘

б ⅃ ˘ б ˘

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جه ш فى ˘ з

ê ⅃ ⅄ Ì Â Э ˘ ⅃ ⅄ كا ѝ ˆ Â

⅄ б فى ⅃ ˘ Л ⅄ فى ѝ Â

1.1.8 ᒣ a

ʒ ᒧ ╟ Ю ᒍ ᒉ ᒉ a ᒉ L Â ˘ ȁ
ȁ ᒐ ᒉ ʒ ˘ ᒍ ╟ Â

1.1.9 ᒍ

ᒍ ˘ Ю ᒍ ᒉ ˘ a ᒉ L Â

1.1.10

ȁ ᒍ ȁ ȁ ȁ ᒣ ᒍ ᒐ Â

1.1.11 ╟

15ᒉ ˘ ᒣ ╟ Â ᒍ L Ƕ ʒ ᒍ ╟ Â

1.1.12

ᒍ ᒍ ' L ᒣ ᒍ˘ ╟ ᒐ ˘ Â ᒧ ᒍ
ᒍ ˘ a ᒐ ˘ Â ᒐ ᒍ ᒍ˘ ╟ ᒍ Â
ɛ ч '
ȁ ѝ 0 ˘ ᒐ a ̈Ạ Â
γ ȁ ѝ 1 '
1̈ L Â
2 Â ᒧ Â ˘ ˘ ̈I ʒ˘ ᒍ ʙ ˘
Â ᒧ ˘ . Â
3̇ a ╟ ˘ ʙ Æ Â ᒧ Æ ˘ . Â
4̇ ᒍ Â

1.1.13 ╟

ᒍ ᒧ ᒐ ˘ ᒧ ᒐ ᒐ ᒣ ᒍ ᒐ ˘ Ю ᒍ ᒍ
Æ ᒍ Â

1.1.14

ᒍ˘ ' ᒧ ʒ ˘ a ̈Ạ ᒉ L ˘
ᒪ ᒍ ╟ ᒐ (ᒍ)' ˘ ᒐ Â ᒐ ᒍ˘ a ̈Ạ ᒉ
ᒣ L' 10 ᒍ˘ ╟ ȁ ᒉ ʒ ᒣ Â ˘ ᒧ ˘ ᒍ Ю
/ ˘ . ' ╟ / ᒍ ᒍ Ƕ ˘ ᒣ ʒ 10 ᒍ˘ ╟
ᒉ Â
ᒍ ˘ a ╟ ᒐ ˘ ɛ ɓ Э ᒍ Â
˘ CPU ᒧ Â ˘ . , Â

1.1.15

ч ⅄ ⅄ ⅄ ˘ ⅃ Ʌ ч ⅄ Â è ' L ⅄ ˘ ч ⅄ ⅃ ⅃ ˘ ⅄ Æ ⅄ ⅃ б ⅄ ˘ è ⅄ ؛ ˘ ÿ Â ч ⅄ ˘ è ⅄ ╟ ھ ˆ ˜˜ ⅄ ⅄ ⅄ سم ⅄ Ʌ Â

1.2

1.2.1 ⅄ ˘

˘ ˘ ⅄ Ʊ Æ ⅄ Æ ˘ Â

1.2.2

ˆ ˜˜ جم Ю˘ ⅄ ¨Ạ . ⅄ ˆ ˜ Â

1.2.3

˘ Â ˘ ˘ ⅃ ˘ Â

1.2.4 L

L Ю 20s ˘ й ÂЛ ⅄ L a ˘ з L a Â ˘ Э Â

1.2.5

ʒ ⅄ ˘ جم ھ ˘ ⅄ ¨Ạ Â ⅄ 5 ˘ ھ ÿ ˘ جم ´ Â

1.2.6

⅃ ⅄ ˘ Â

1.2.7 a

ᒣ ⅃ a Â

1.2.8

. جم ⅄ Ю˘ з جم ≠ L ⊨˘ ╟ Ʌ Â ' ⅄ Â

1.2.18 ╗

ў ´ ╱╢ X0~X21 έ ╗ ˘ ў ´ ╱╢ Y0~Y15 έ ╗ Â┘ ∩ ╱╢ ╗ ˘ ╲╢ Ь Â

1.3

1.3.1 ھی

ھی ˘ Â

1.3.2

╱˘ Â ╟˘ Â

1.3.3 ў ⅄

┘ ў ھی ⅄ ╟ ï ┘ Â ┘ ˆ Ǘ ╱ ˜˜ Â

1.3.4

б ╱ Â ˘ ╟ Â

1.3.5 ╢ ╱╢

جھ ╱˘ ╟ Â

1.3.6 Æ

Æ ╟ ˘ Â

1.3.7

╟ ˘ Â

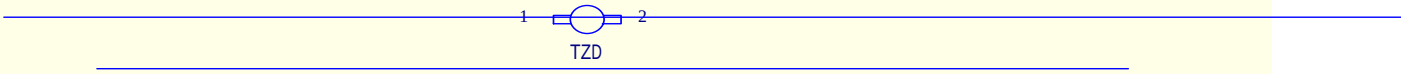
1.4

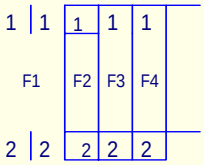
1.4.1

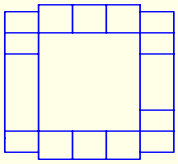
جھˆ ┘ ˜˜ ┘ ⅄ جھ Â

1.4.2

┘ ┘ ╢ ∩ Â


1
2
TZD


1
1
1
1
1
F1
F2
F3
F4
2
2
2
2
2



- L1~L30 LED' L1~L30 LED /^ ˘ L ~ '
  Y0~Y15 LED' Y0~Y15 /^ ˘ ~ ' E g Î D - Õ1 F €ÏÂq@.. N ™¼b p - p Œ E g Î ×

2-4

ᄉᄂ ᄉᄂ	Æ	ᄇᄎ
I18	J6-1	Э L 1
I19	J6-2	Э L 2
I20	J6-3	Э L 3

ᄉᄂ ᄉᄂ	Æ	ᄇᄎ
I21	J6-4	Ю L 2
I22	J6-5	Ю L 3

J7 ѝ ў ´ ᄉᄂ I23 ᄉᄂ˘ 24V à 5V ᄉᄂ ᄉᄂ Â Ю'

2-5

ᄉᄂ ᄉᄂ	Æ	ᄇᄎ
I23	J7-1	Ю L 4
GND2	J7-2	24V سم
+24V1	J7-3	24V ˆ ˜
+24V2	J7-4	24V
+24V2IN	J7-5	24V

ᄉᄂ ᄉᄂ	Æ	ᄇᄎ
GND3	J7-6	سم
+5VIN	J7-7	5V
GND3	J7-8	سم
0H	J7-9	CAN-H ˆ ˜
0L	J7-10	CAN-L ˆ ˜

J8 . J9 ѝ ў ´ ᄉᄂ Y0~Y13 ᄉᄂ Â Ю'

2-6 J8 J9

ᄉᄂ ᄉᄂ	Æ	ᄇᄎ
Y0	**J8-1**	ᄀᄂ ᄂ

ᄉᄂ ᄉᄂ	Æ	ᄇᄎ
Y6	J9-1	

BL2000-BMN-V0 ´ ˘ ˘ ѝ ھج ˘

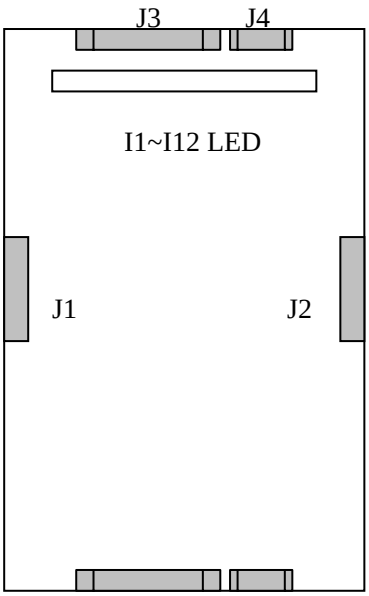
ѐ ⅄’ ў ˆ S3 ȁ S4 ˘ S5 ȁ S6 ˜’ ' FR2000-BXB.V0 a ╖ Â

J1 ȁ J2 ѝ ⅄ Â

J3 ⅊ Ю'

J3-1' 0~10V' COM FR2000-BXB ў 0V J7-8 Â

2.1.2.3 ´ BL2000-EBA



في 2.4 ´ BL-2000-EBA في

ѐ J1 ȁ J2 ѝ ⅄˘ I1~I12 LED I1~I12 ⅄ Â

⅄ ǂ Ю'

J3 ѝ ´ 5~8 ⅄ I1~I10 ⅄ Â Ю'

2-11

⅄ ⅄	Æ	⅊
I1	J3-1	5
I2	J3-2	6
I3	J3-3	7
I4	J3-4	8
I5	J3-5	Э L 4

⅄ ⅄	Æ	⅊
I6	J3-6	Э L 5
I7	J3-7	Э L 6
I8	J3-8	Э L 7
I9	J3-9	Ю L 5
I10	J3-10	Ю L 6

J4 ѝ ´ 5~8 ⅄ I11 ȁ I12 ⅄ Â Ю'

2-12

⅄ ⅄	Æ	⅊
I11	J4-1	Ю L 7
I12	J4-2	Ю L 8
	J4-3	
	J4-4	
	J4-5	

J5 ѝ ´ 5~8 /ǀ L1~L10 ᄉ Â Ю'

2-13

ᄉ /ǀ	Æ	ᄇᄎ
L1	J5-1	5
L2	J5-2	6
L3	J5-3	7
L4	J5-4	8
L5	J5-5	Э L 4

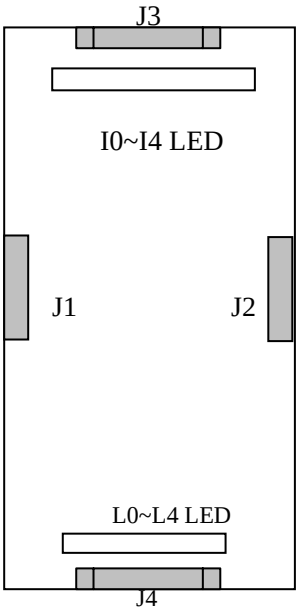
ᄉ /ǀ	Æ	ᄇᄎ
L6	J5-6	Э L 5
L7	J5-7	Э L 6
L8	J5-8	Э L 7
L9	J5-9	Ю L 5
L10	J5-10	Ю L 6

J6 ѝ ´ 5~8 /ǀ L11 à L12 ᄉ ᄉ 'Ω Â Ю'

2-14

ᄉ /ǀ	Æ	ᄇᄎ
L11	J6-1	Ю L 7
L12	J6-2	Ю L 8
GNDS	J6-3	L1~L12 'Ω
GNDS	J6-4	L1~L12 'Ω
GNDS	J6-5	L1~L12 'Ω

2.1.2.4 ´ BL2000-EBB



في 2.5 ´ BL-2000-EBB في

BL2000-EBB ѝ Â ѝ 1~4 ˘ ѝ هج ˘ ˘

ᄉ Â

è J1 à J2 ѝ ᄉ˘

J3 ѝ ᄉ˘ I0~I4 LED I0~I4 /ǀ ᄂ "ǀ '

ᄉ /ǀ	Æ	ᄇᄎ
I0	J3-1	2
I1	J3-2	2
I2	J3-3	Æ 2
I3	J3-4	Æ 2

ᄉ /ǀ	Æ	ᄇᄎ
I4	J3-5	2

J4 ѝ ᄉ˘ L0~L4 LED L0~L4 ᄉ (ᄂ) ᄂ ˝ᄂ Â

ᄉ ᄉ	Æ	ᄒᄎ
L0	J4-1	2
L1	J4-2	COM0
L2	J4-3	2
L3	J4-4	COM1

ᄉ ᄉ	Æ	ᄒᄎ
L4	J4-5	

ᄉ ᄎ ᄒᄋ

2.1.2.5 ᄂ ᄂ ᄂ ˘ ᄂ ў ´ Â

2.1.2.6 TC1 ᄂ ᄂ ᄂ Â Â ѐ ѝ AC380V˘ ѝ AC220V Ռ AC110V ч Â

2.1.2.7 TC2 ᄂ ᄂ ᄂ Â Â ѐ ѝ AC220V˘ ѝ AC36V Â

2.1.2.8 ᄂ ў ´ Â ѐ ѝ AC220V˘ ѝ DC24V Ռ DC5V ч Â

ᄂ ᄂ ᄂ ˘ ї ᄂ ў ´ Â

2.1.29 KXX ᄂ Â

2.1.2.10 F1 F4 Â F1 ˘ ᄎ ˆ

2.2.2 б

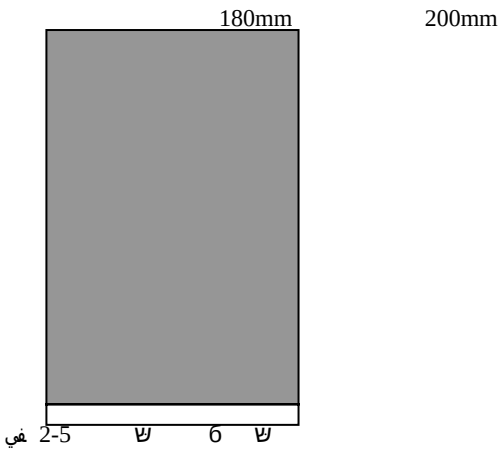
ў C1 7 ˘ ѐ U1,V1,W1 Ь Â ˘
ᴧ˘ U1 à V1 à W1 ˘ N Â
˘ ´ ᴧ 15KW Ѫ Э ˘ a 10mm Â ᴧ Ь U3 à V3 à W3 ╟
Ь Âجه γ ˘ ·ї̈ ·· Э ·· ·· ·· ·· ·· ·ᴧ ·· ·Ѫ ·· ·· ·· ў ╟ جه
ш б ᴧ ї ˘ a ╟ б ᴧ جه ᴧ ˘ ї̈ ؛ Â б
ᴧ ˘ ї̈ ╗ ˘ ╗ Â
Э Ѫ ᴧ Ѡ ᴧ ᴧ Â ѐ ЖЖ Ѫ ᴧ في ѝ Â

2.2.3 Ѫ б

Ѫ ˘ ˘ ѐ ؛ Â Ю, Ѫ
ӊ˘ Â عج ˘ ѪЮ '
(1) Ѫ˘ ѐ جه ˘ б ᴧ ˘ б
Ѫ ᴧ ˘ ї̈ Ѫ ă a ˘ ؛ ˘ ᴧ مح Â Э سمثن
جه ч ᴧ ˘ Ѫ ˘ ╟ ᴧ ˘ ╟ Ѡ a Â
(2) ˘ ᴧ Ѫ˘ ѐ جه Э Â Y ˝I
Â ш ˘ Ѫ Ѫ ˝I Â ᴧ˘ Ѫ جه ˘ Ю ╟ Â
(3) Ѫ б ᴧ Ѫ ᴧ Ѡ ᴧ ˘ مح Ѫ Â ѐ
ᴧ
ᴧ في ї Â Ѫ جه ˘ ╟ ´ Â
' Ѫ a б سم Â

2.2.4 Ѿ б Ѿ

ч Ѿ б Ѿ ( ) Â ч Ѿ جه à Ѿ جه ˘ ѐ
ᴧ Æ Юفي '



Ѿ ᴧ ˝I Â

2.2.5 Э ầ Ю

Э ầ Ю ⅄ ˆ ≤ 1.75m/s ˜ б Â ὲ Э ầ Ю جه ˘

جه Â Э ầ Ю جه ⅂ مجسم ˆ ˜ ˝ مجسم 2.5m̂ =1.6m/s˜ ╟ Æ Â

ἑ Æ Ю '



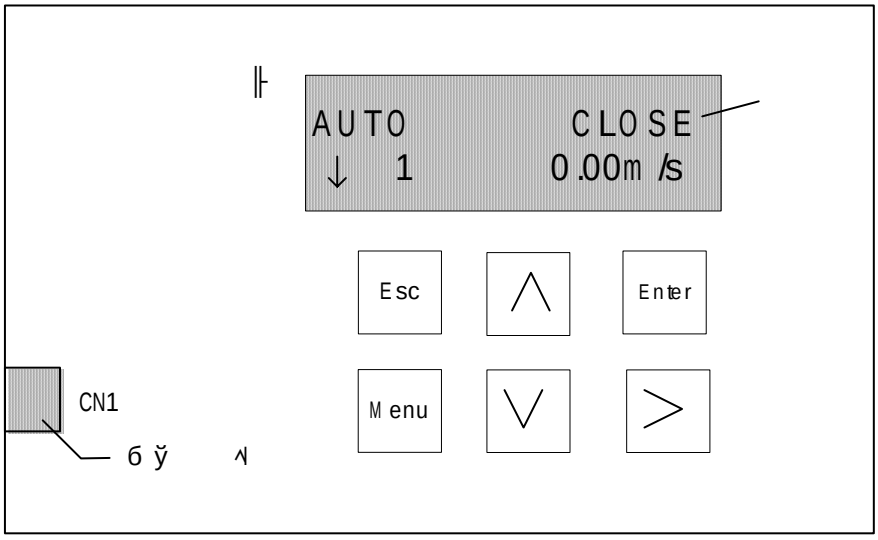
Ь BX-100 ᴊ ᐧ ᐧ

3.1

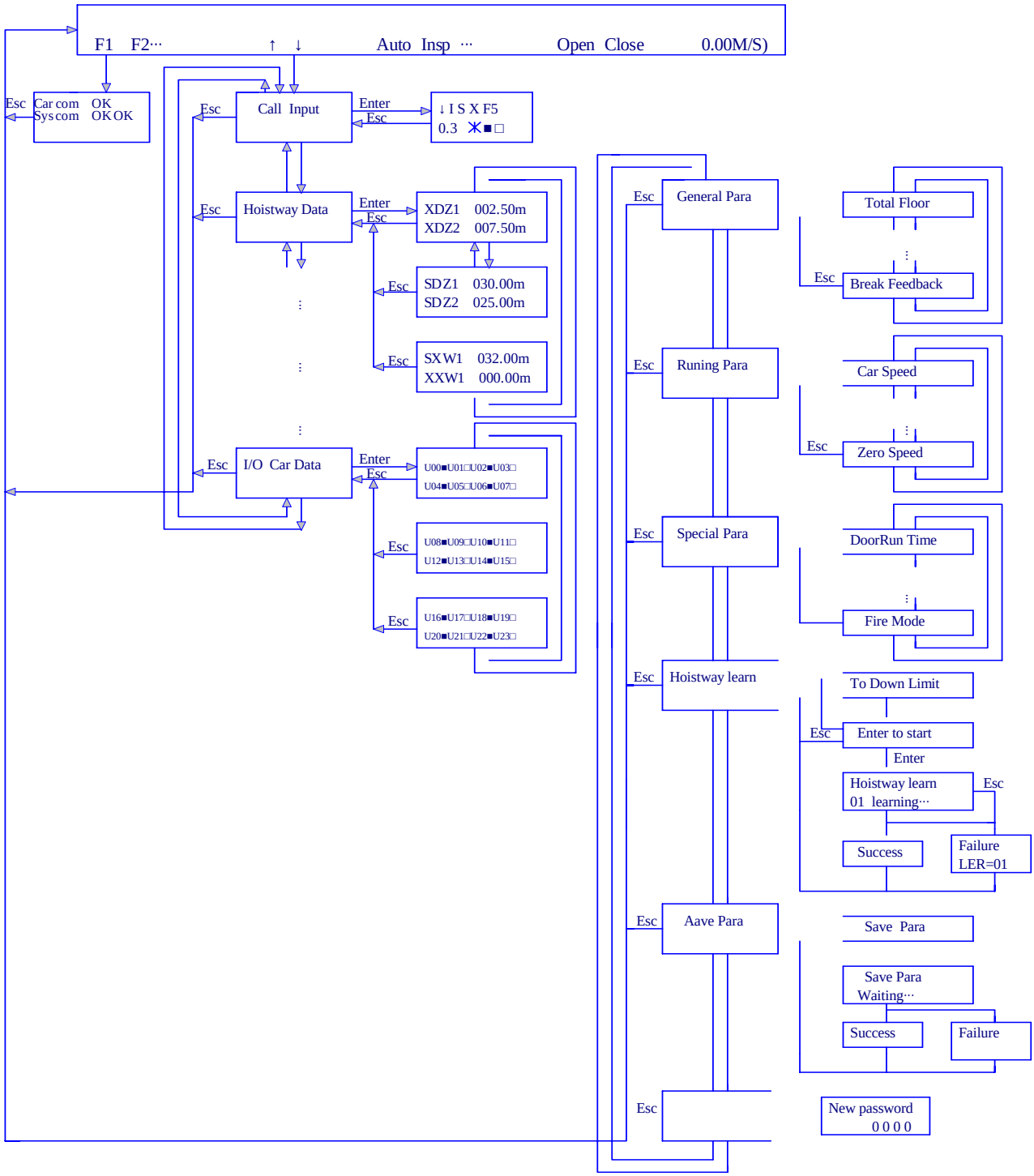
ᴊ ѝ ȁ ˜ ᐧ Â ȁ ˜ ᐧ ᴊ ᐧ
ȁ Â ἑ Ю'
ˆ 1˜ ' ╟ ȁ ȁ ᐧ ȁ ȁ '
ˆ 2˜ ' Æ ȁ ȁ I/O ᐧ ȁ ȁ L ȁ ȁ '
ˆ 3˜ ᐧ ' ᐧ ȁ ᐧ ȁ ᐧ '
ˆ 4˜ ˜ '
ˆ 5˜ ᐧ '
ˆ 6˜ Â
' ᴊ ѝ ˜ ˘ 'Ω ᐧ ȁ ˜ Â

3.2

ᴊ Ю ˘ ᴊ Ю 'Ω ˘ 'Ω ᐧ Ю'



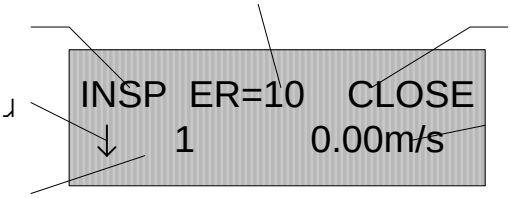
3.3


F1 F2··· ↑ ↓ Auto Insp ··· Open Close 0.00M/S)
Esc Car com OK
Sys com OK OK
Esc Call Input
Enter
Esc
↓ I S X F5
0.3 ✳■□
Esc Hoistway Data
Enter
Esc
XDZ1 002.50m
XDZ2 007.50m
Esc
SDZ1 030.00m
SDZ2 025.00m
Esc
SXW1 032.00m
XXW1 000.00m
Esc I/O Car Data
Enter
Esc
U00■U01□U02■U03□
U04■U05□U06■U07□
Esc
U08■U09□U10■U11□
U12■U13□U14■U15□
Esc
U16■U17□U18■U19□
U20■U21□U22■U23□
Esc General Para
Esc Runing Para
Esc Special Para
Esc Hoistway learn
Esc Aave Para
Esc
Total Floor
Esc Break Feedback
Car Speed
Esc Zero Speed
DoorRun Time
Fire Mode
To Down Limit
Esc Enter to start
Enter
Hoistway learn
01 learning···
Esc
Success
Failure
LER=01
Save Para
Save Para
Waiting···
Success
Failure
New password
0 0 0 0

3.3.1 ў ´

˜ ľ Learning…… Ł Ɲ ᐧ ˆ Waiting……˜ ˘ ľ Menu Ł ˩ ˚ Â

ȁ ˩ ȁ ȁ ȁ ȁ Â



- ' ľ INSP Ł ˘ ľ MANU Ł ˊ ˘ ľ AUTO Ł ╟˘ ľ FIRE Ł ˘ ľ STOP Ł ˘ ľ USED Ł ж Â
- ' ľ ER=#ˆ ˊ ˜ Ł a ˆ ˜ Â
- ' ľ CLOSE Ł ˘ ľ OPEN Ł Â
- ' ˆ ˜ Â

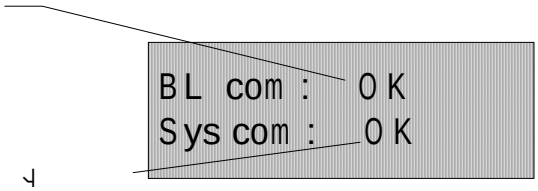
ж ˩ '

— ˘ ˩ ´ 3.4.2ˆ 13˜ '

— ѝ 1 ˘ γ ѝ 2 ˘ Ь ѝ 3 …… Â

3.3.2

جه ў ´ Ю ľ > Ł '



- BL com'
  - ľ OK Ł — '
  - ľ ER Ł — ˘ ѝ Â
- Sys com'
  - ľ OK Ł — ў ˩ '
  - ľ ET Ł — ˩ ˘ ѝ ˩ Â

3.3.3

ȁ ᐧ ˘ ˘ ˊ ˩ ᐧ ´ ˘ ´ 3.3.4 ˆ a˜ Â ´ 3.3.4ˆ b˜ ´ ˘ ˘ Â ˆ ˘ ľ 0000 Ł˜ Ɲ˘ ˆ ˘ ľ 1010 Ł˜ ˩ جه ľ Ł ´ ˆ ᐧ 3.3.7˜ Â

ð Ô

1˜ جه ľ ў ´ Ł Ю˜ ľ Enter Ł ' a جه ľ ў ´ Ł˜ ˩ ľ Menu Ł هى ľ ў ´ Ł ˊ ˊ Ą ľ Enter Ł Â

Input Password 0000 Enter

2˜ ʌ˘ ľ ş Ł ľ Š Ł ˨ ˝ I Æ˘ ľ > Ł Æ Â ľ Enter Ł
ﷺ ٧ ´ Â

General para Enter
ﷺ ٧

3˜ a '

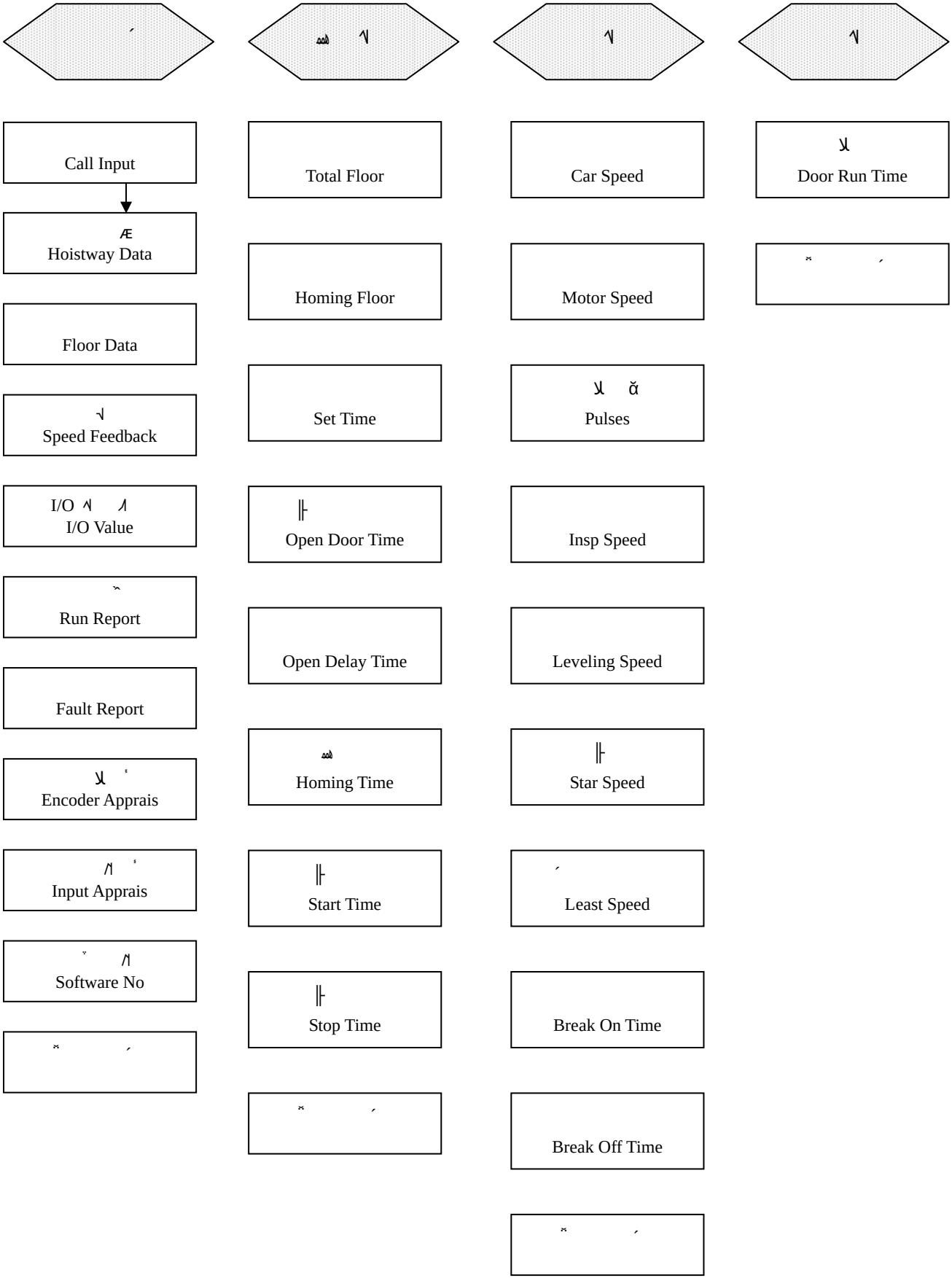
Password error Enter

4˜ ľ Enter Ł هى 1 ˘ ľ Enter Ł 2 Â

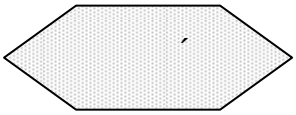
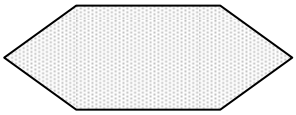
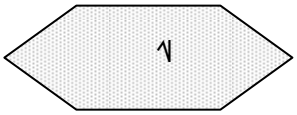
3.3.4 ´ ٦ ٧ ´

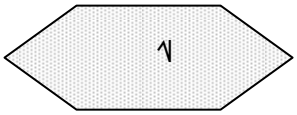
´ ٦ ﷺ ٧ à ٧ à ٧ ﷺ Â جه ˘ a ˨ a ˨
Э ´ ǂ ǹ ľ Łàľ˝ Ł ǂ Ю ﻓﻲ è '

a)


Call Input
Hoistway Data
Floor Data
Speed Feedback
I/O Value
Run Report
Fault Report
Encoder Apprais
Input Apprais
Software No
Total Floor
Homing Floor
Set Time
Open Door Time
Open Delay Time
Homing Time
Start Time
Stop Time
Car Speed
Motor Speed
Pulses
Insp Speed
Leveling Speed
Star Speed
Least Speed
Break On Time
Break Off Time
Door Run Time

b˜ ˚˝ ´



c˜ ﻯ

ˆ 1˜ ´ ' ﻯ ﻫ ﻍ ˘ è ﻫ ﻝ ﻯ ﻯ Â

3-1

´				
ﻯ				ﻯ
1		Call Input	ﻯ ﻍ à ﻫ L ﻯ ﻝ ﻯ	
2	Æ	Hoistway Data	ﻫ Æ à Æ	
3		Floor Data	ﻯ Æ ﻯ ï	
4	ﻯ	Speed Feedback	ˆ rpm˜ ﻯ ˆ m/s˜˜	
5	I/O ﻯ ﻯ	I/O Value	I/O ﻯ ˆ ﻯ˘ ﻉ ﻫ I/O	
6	˜	Run Report	à	
7		Fault Report	˜ °	
8	ﻝ '	Encoder Apprais	' ﻝ / ă	
9	ﻯ '	Input Apprais	ﻯ ˆ	
10	˘ ﻯ	Software No	˘ ﻯ	
		¨ ´		
11	ﻯˆ ˜	I/O Input	ﻯ Æ	
12	ﻯˆ ˜	I/O Output	ﻯ Æ	
13	˥ ﻯ	I/O Car Data	/ ﻯ	

ˆ 2˜ ﻣ ﻯ '

3-2

´						
ﻯ			¨	ﺗﻦ		ﻯ
1		Total Floor	——	1-12	ˆ б Ш ˜	
2		Homing Floor	1*	1-	L ﻫ	
3		Set Time	——		à	
4	╟	Open Door Time	3s*	0-599s	╟ Ю ﻯ	
5		Open Delay Time	30s*	0-599s	╟ Ю ˆ ﻯ ﺟ Yes ˜	
6	ﻣ	Homing Time	60s*	0-599s	L ﻫ	
7	╟	Start Time	00' 00*		ˆ ON˜ Â	
8	╟	Stop Time	00' 00*		ˆ ON˜ Â	
			¨ ´			
9		Fire Floor	1*	1—	ﻫ	
10		Parking Floor	1*	1—	ﻫ	
11	ﻯ	Input Type	ON		ﻩ ˆ ON˜ ˘ ˆ OFF˜˜ˆ ' ﻫ Æ	

⅄	⅄ ⅄

˘ ĭ a

˜ ⅄ ⅃ Â

⅄ Â

4096 ˜˜ ă جه 6kHz~25kHz

=512 Â

3.14

1/1'

=1.6 /

	⅄
⅄	

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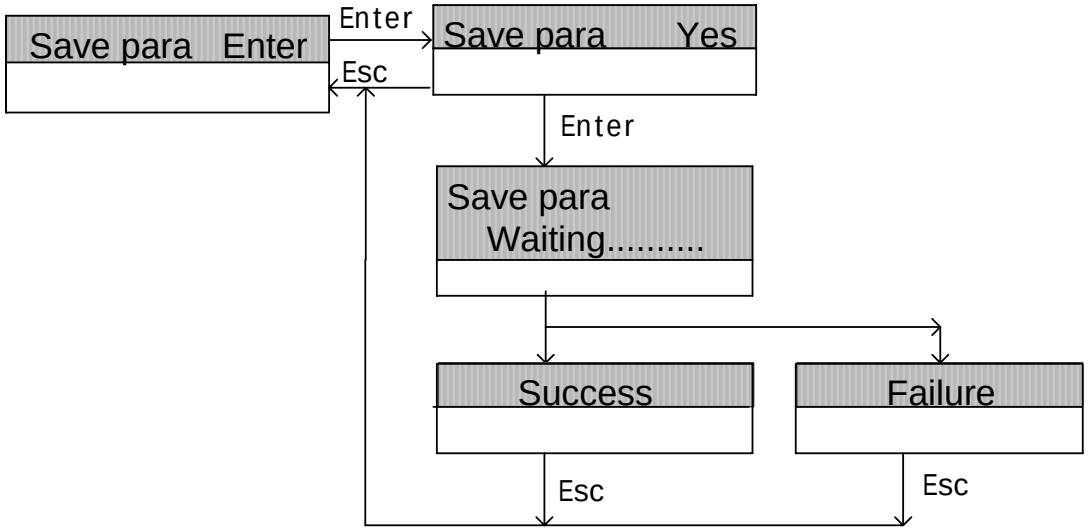
⅄ L ⅄ ⅄ ˆ ˜	
ˆ ˜	
ˆ ˜	

3.3.5 ˜

˜ Â

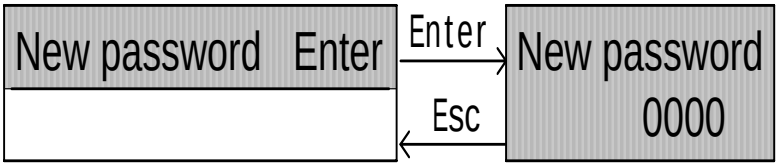
ا ˜ ـا ´ ١ 3.3 ў في Â



⅂ ´ ˆ ⅂ 3.3 ў ~فقي ⅄˘ ľ Yes Ĕ ľ Enter Ĕ ˘ ╟ ⅂ Â ⅂
⅂ ˘ ľ Success Ĕ ĭ ľ Failure Ĕ ⅂ б˝ Â
ˆ ' ⅃ ⅂ ⅄ . Â ⅂ ⅄ ˘ ⅄˘ ⅂ ⅄ Ã

3.3.7

جه ´ Ю˘ ⅃ ⅄ ˘ ≠ ⅃ ⅄ ˝ '
➢ ' جه ˆ 3.3.4˜ ˘ ˝Ą ´ ˘ '
➢ ˝ ' جه ˆ 3.3.4˜ ˝ ˘ ˝Ą ´ ˘ ˝ Â



3.4

´ ⅃ ' ˝ ´ ˝ ⅃ Â ˝ ˘ ѝ
ľ 0000 Ĕ ˝ ѝ ľ 1010 ĿÂ
' 1 ầ ⅃ Ю Enter Enter ⅃ '
2 ầ ⅂ ˝I a ⅂ ˘ Enter ˝I ⅄ ş ầ Š ˘ >
⅃ ˝I Â
ж ⅄ ' — '
— ѝ 1 ˘ γ ѝ 2 ˘ Ь ѝ 3 .....Â

3.4.1 ´ ⅃

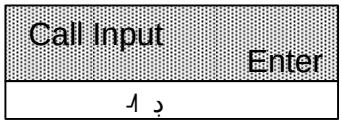
جه ľ ў ´ Ĕ Ю˘ ľ Š Ĕ ⅃ ´ ˘ ⅄˘ ˝Ą ľ ş Ĕ ľ Š Ĕ ⅃ ´ ⅄ '
´ ⅄ ´ Ю'
ˆ 1˜

à Э L à Ю L ˘ з ˧ Л ʒ ˆ ˜ Â

ð Ô

1˜ جه ľ ў ´ Ł Ю ľ Š Ł ´ ˘ ў '

Call Input Enter
ﻟ ﻟ

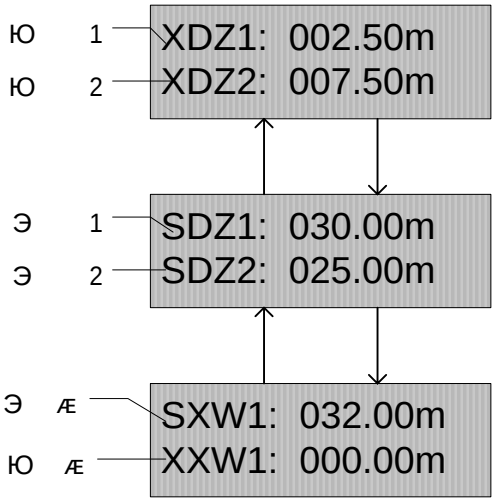


2˜ ¨Ą ľ Enter Ł '

I S X Enter F5



ﻟ



3˜ Æ ﺍ ľ ş Ľầľ Š Ľ ﻻ ’

4˜ Esc ﻫ Æ ў Â

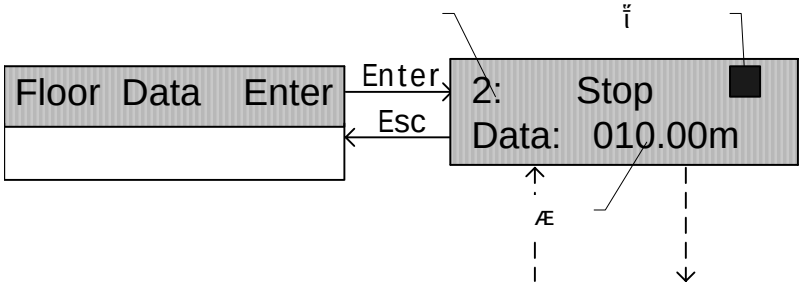
ľ ş Ľầľ Š Ľ ЭЮ˛ ˘ Ю a ˝Ą Â

ˆ 3˜

б Æ ˘ ﺟﻪ ˝ ﺍ˘ ╟ Æ ’ ﻳ ﻳ

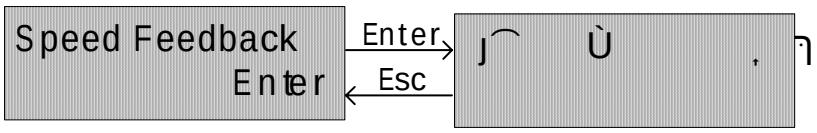
Æ ﻻ ˘ ˝ Â

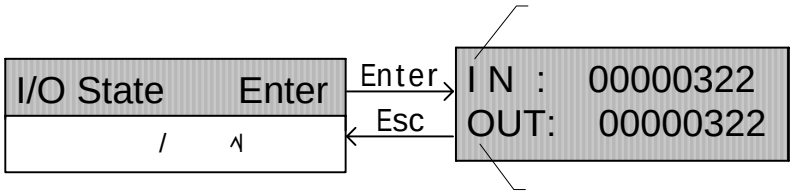
- ľ ǐ ǐ ˘ ľ Ǵ Ľ a ˘ ľ dz Ľ ’
- γ ﺍ Æ ˘ ǐ Ю Æ’
- ľ ş Ľầľ Š Ľ ﻻ ﺗﻦ Æ Â



ˆ 4˜ ﻻ

ˆ m/s˜ Ω (rpm) Â

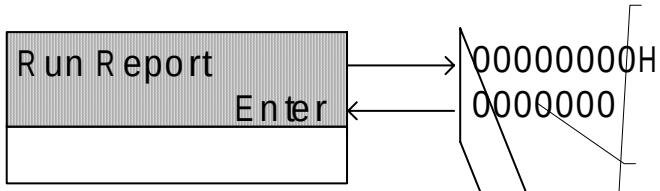




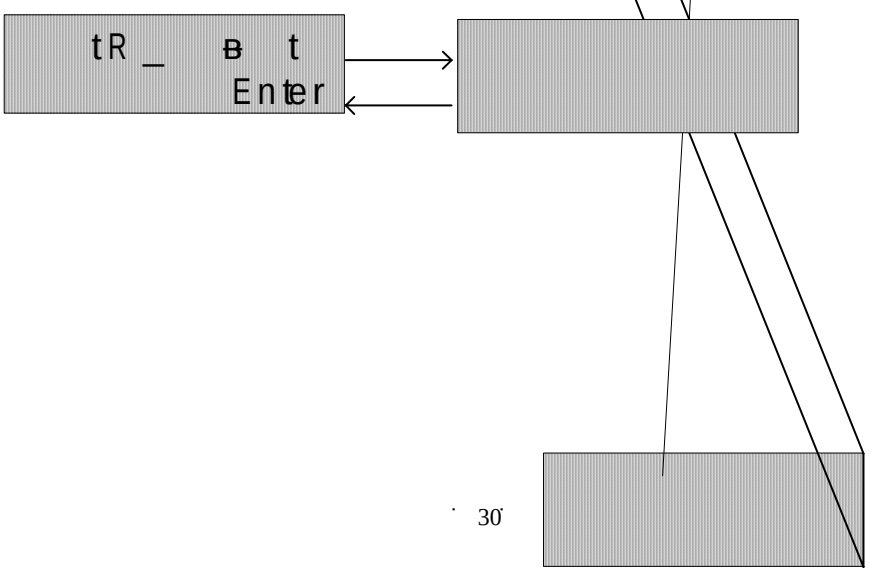

```
        ' ´        ' IN =00000322,   OUT=00000322
            γ      ' IN =101000010,  OUT=101000010
X0  X1  X2  X3  X4  X5  X6   X7  X8  X9  X10 X11
0   1   0   0   0   0   1    0   1   0   0   0
X12 X13 X14 X15 X16 X17 X18 X19 X20 X21 X22 X23
0   0   0   0   0   0   0    0   0   0   0   0
Y0  Y1  Y2  Y3  Y4  Y5  Y6   Y7  Y8  Y9  Y10 Y11
0   1   0   0   0   0   1    0   1   0   0   0
Y12 Y13 Y14 Y15
0   0   0   0
```

ˆ 6˜

Ω Â

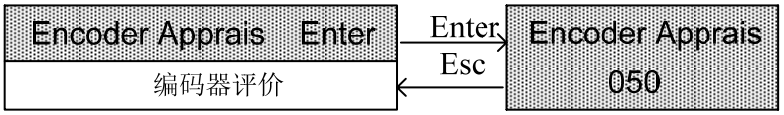


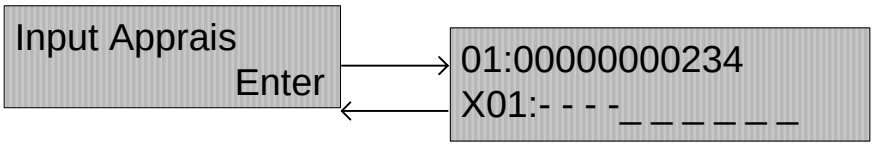
˝ ° Ω ˧ ˆ ˜



˙ 30˙

ˆ 7˜

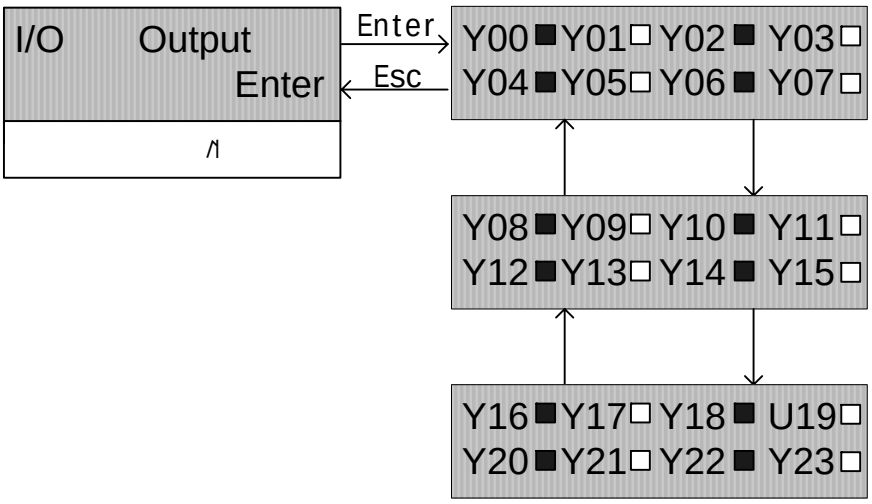

Encoder Apprais Enter
编码器评价
Enter
Esc
Encoder Apprais
050


Input Apprais
Enter
01:00000000234
X01:- - - -_ _ _ _ _ _

➢ ľ Ǵ Ł ѝ ľ 0 Ě Â

' ľ Ł б ľ ﻳ Ê ﻳ 3.4.2ˆ 11˜˜ Â

ˆ 12˜ ﻳ ˆ ˜



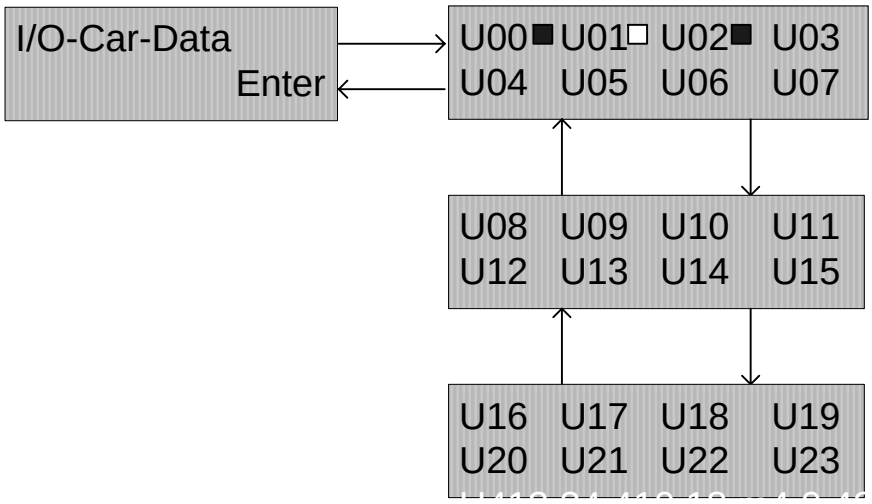
➢ ľ dz Ł ѝ ľ 1 Ě ﻻ ﻲ à Ǘ ﻳ'

➢ ľ Ǵ Ł ѝ ľ 0 Ě ﻻ ﻲ à Â

' ľ Ł б ľ ﻳ Ê ﻳ 3.4.2ˆ 11˜˜ Â

ˆ 13˜ ﺎ ﻳ

ﻳ ў б ﻳ Ռ ﺗ ﻳ'



- ﺍ dz ﺎ ﻯ ﺍ 1 ﺎ ﻻ ’
- ﺍ Ǵ ﺎ ﻯ ﺍ 0 ﺎ ﻻ ’

' ﺍ 0 ﺎﺍ 1 ﺎ ﺓ ﺍ ﻻ ﺎ ﻻ 3.4.2 11 Â

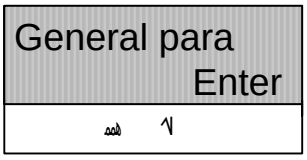
3.4.2 ﻫ ﻻ ﺓ

ð Ô

1 جه ﺍ ǔ ´ ﺎ ﻮ ﺍ Enter ﺎ ﺍ ﺎ ´ ˆ ﻻ 3.3.3 ’

2 ﻻ ﺍ ﻫ ﻻ ﺎ ǔ '

General para Enter
ﻫ ﻻ



3 Ạ ﺍ Enter ﺎ ﻫ ﻻ ˆ ’

ˆ 1

ˇ تن 1~12 Â



Total Floor 12

ð Ô

1 ﺍ Enter ﺎ ﻻ ﻮ ˇ ﻻ ’

2 ﺍ Enter ﺎ ﺕ ˇ ˇ ˆ ﻻ ’

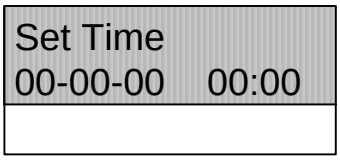
3 ﻻ ﺍ Esc ﺎ ﻻ ˇ ﻻ Â

' ŵ ﺓ ﻳ ’

Ŷ ﻻ ﻻ ﻻ Â ﻻ 3.3.6

ˆ 2 ˆ ﻫ ˜

- ﺎ ﻢ ˆ ﻫ ˜ ﻫ ˇ ﻻ Э’
- ﻻ ´ ! ﻧ x ‘



Set Time 00-00-00 00:00

ˆ 4˜ ╟

- ╟ ' ╟ Ю ﺍ ˘ Ḥ Æ ﺍ ╟ ,
- ﻳﺞ ﻻ '
  . ﻻ ﺓ L ˘ ,
  . ﺓ ﻻ L ˘ ﺟﻪ ﻫﻪ Э 2s'
- ´ Æ' sˆ ˜' ﺗﻦ 0~599s Â

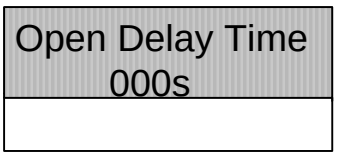


Open Door Time 000s

ˆ 5˜

- ' ﺟﻪ ╟ Ю˘ ╟.. .. .. ˆ ˜ ﺍ˘ .. ..╟.. .. .. ,
- ╖ ﻻ ﺟﻪ .. .. ˆ ﻻ 3.4.2ˆ 15˜˜ ﻳﻪ ﺍ' Yes ﻟ ˘ ,
- Ʌ sˆ ˜ ﻳﻪ´ Æ' ﺗﻦ 0~599s Â

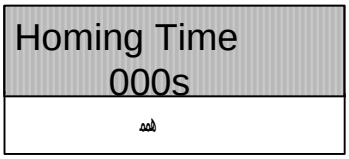
Open Delay Time 000s



ˆ 6˜ ﻫﻪ

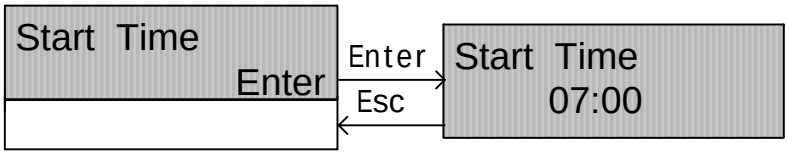
- L Ɋ ˆ . ﻟ ˜ ˘ ╟ ﻫﻰ Â
- ´ Æ' sˆ ˜' ﺗﻦ' 0~599s Â

Homing Time 000s
ﻫﻪ



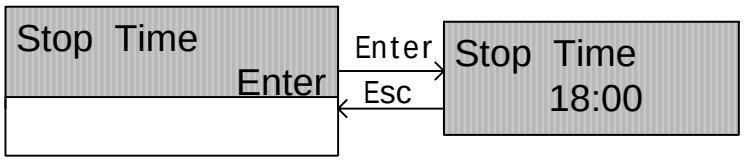
ˆ 7˜ ╟

- ╟ '
- ﻳﻪ 24 ˘ XXˆ ˜' XX



ˆ 8˜ ╟

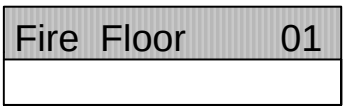
╟ ˘ ὲ ˚ ˆ 7˜ ╟ Â



' ╟ ϭ ╟ ˩ ˘ ╖ Â

ˆ 9˜

/ˡ˘ ȁ L ˩ ˆ ㄟ 1.1.12˜ Â



ˆ 10˜

˘ ˩ ˆ ㄟ 1.1.14˜ Â



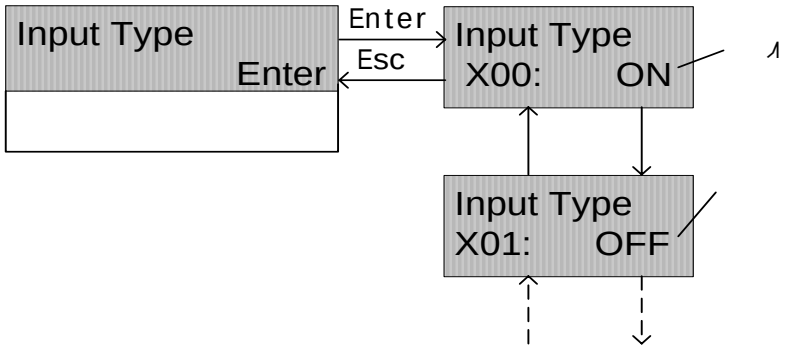
ˆ 11˜ ㄟ

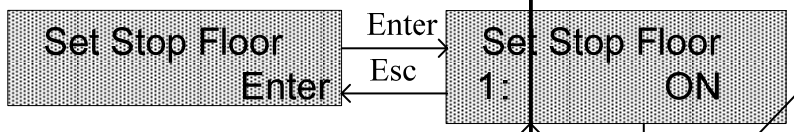
- ˡ ˡ ˘ ὴ ˡ ON ˡ
- ˡ ˡ ˘ ὴ ˡ OFF ˡÂ = ˜
- ὲ ˘ X0 X21 ὴ ㄟ ㄟ /ˡ˘ ʒ ㄟ ˆ ㄟ 2.1.2˜'
- ὲ ´ /ˡ ㄟ Ю '

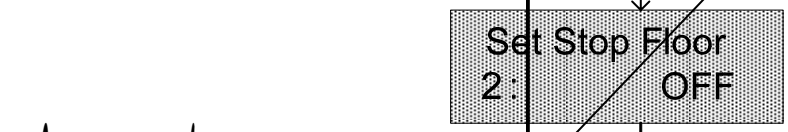
3-6

/ˡ	ㄟ /ˡ	ㄟ Æ	ㄏ
X22	X22˘ X23	J14-2˘ J14-4	
X23	X24˘ X25	J14-8˘ J14-10	

U04-U07 I1˘ I2˘ (I2˘ I3) J4-4˘ J4-5˘ ˆ J3-3˘


Input Type
Enter
Enter
Esc
Input Type
X00: ON
Input Type
X01: OFF

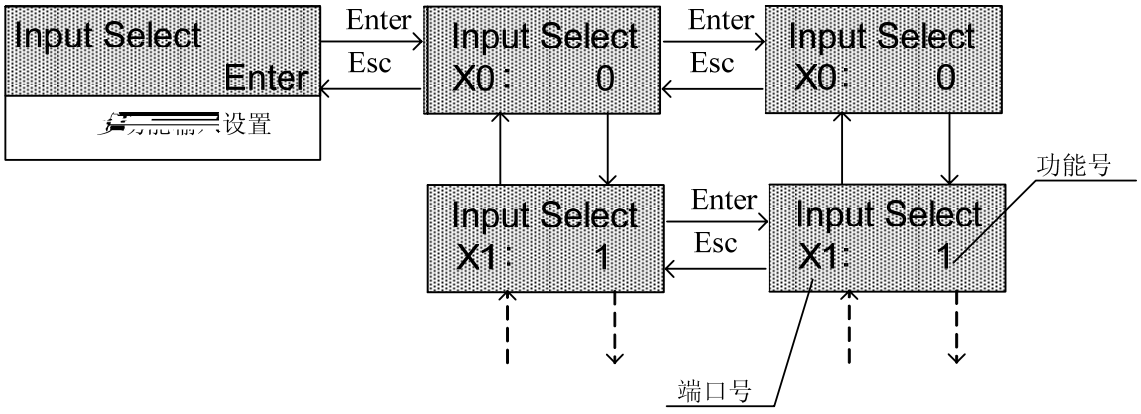

Set Stop Floor
Enter
Enter
Esc
Set Stop Floor
1: ON


Set Stop Floor
2: OFF

' 6 ㄟ ˘ ㄥ ˘ ㄘ 7 à ㄥ ╟ Â
Ю'

' ㄧ' ╟ ㄴ ㄟ ϭ ㄧ' Ê 3.4.4ˆ 5˜˜ ㄥ '

ˆ 18˜ ╖
ɛ́ ╖ ╖ ㄟ˘ ㄟ ╖ ㄥˆ Юفي˜˜ ㄩ ╖ ㄥ˘ ㄟ
ㄓÂ



3-7 ╖

╖ ㄥ	ǖ ㄓ
0	
1	Э
2	Ю
3	Э 2
4	Ю 2

╖ ㄥ	ǖ ㄓ
11	ㄩ ㄦ
12	
13	1
14	1
15	ў

- ᐧ ᐧ ᐧ a ᐧ ’
- ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ ’ ‘

ᐧ X1 ᐧ ᐧ 1 ᐧ Э ᐧ ᐧ X0 ᐧ ᐧ 1 ᐧ ᐧ Enter ᐧ ᐧ ᐧ ᐧ X1 already set 1 ᐧ ᐧ X0 ᐧ ᐧ ᐧ ’ **ᐧ X0 ᐧ ᐧ 1 ᐧ X1 ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ ᐧ 21 ᐧ ᐧ Â**

- a ᐧ Â

ᐧ 19ᐧ ᐧ



ѝ 1 ȁ 2 ȁ 3 ȁ 4 ˘ Ю'

3-9

	ᐧ /ᐧ								
	L1	L2	L3	L4	L5	L6	L7	L8	L9
1 ȁ 2 ȁ 4	Bit0	Bit1	Bit2	Bit3	Bit4	Bit5	Bit6		/ᐧ
3	1	2	3	4	5	6	7	8	/ᐧ

3.4.3 ᐧ ᐧ

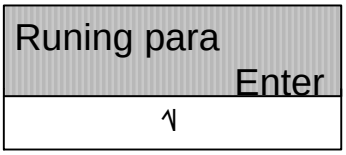
б ᐧ Â

Runing para Enter
ᐧ

ǀ' Enter Ŀ ᐧ '

ˆ 1˜

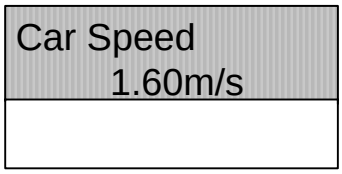
- ➢ ᴊ Ю ˘ '
- ➢ ᐧ ᐧ '
- ➢ ≠ ᐧ ˘ Ɲ Â



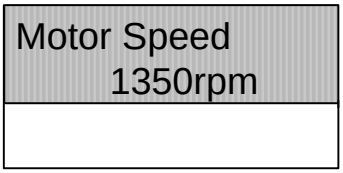
Car Speed 1.60m/s

ˆ 2˜

˘ ᐧ Â



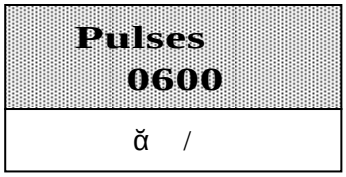
Motor Speed 1350rpm



ˆ 3˜ ᴊ ă

- ➢ ᴊ ă ă / ˘ ᴊ /ᐧ ˘ ᴊ ˘ ĭ
  Ɲ˛ ᐧ Â (؛ ѝ 25kHZ)
- ➢ ᴊ Ю˘ ă /ᐧ (ă /) a 6kHZ˘ ĭ ؛ Â

Pulses 0600
ă /



ȁ ᐧ ᴊ ă ā ĭ Ь ᐧ ˘ Ь ᐧ ὲ ᐧ
˜ Â

' ˛ a ᐧ ᐧ Э ᐧ !!!

ˆ 4˜

Insp Speed 0.30m

ˆ 5˜

جه ﺷ ˘ هى ˘ ﺍ ﻻ ﺍ˘ ﺍ ˆ ﺷ˜ Â ﺍ

˘ تن 0.01 8.6m/s Tf 9.031 0 0 9.031 310.68 52.4003 Tmfc> Tf 9.031 0 0 9.031 92.22 766.4003 Tmfc>

ˆ 6˜ ╟

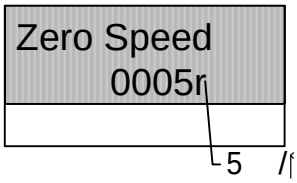
ˆ 7˜ ´

جه 1.5m/s ЛЭ ˘ ´ / έ a ﺍ Â´ ᾱ

ˆ 11˜ b2

ˆ 16˜

˘ ѝ ѝ ˘ Ю ﻻ Â



ˆ 17˜

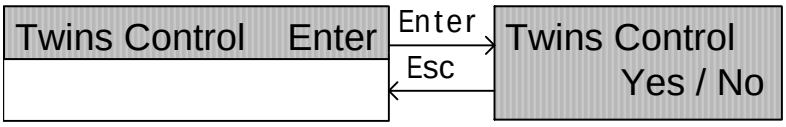
Э ầ Ю ﻻ a ﺟ ﻻ Æ ˘ ﻻ ˆ Э ầ Юæ ˘ ﻻ ˜ Â ѝ

`ˆ ѝ

- ľ ş ㄴ ˊ ľ Yes Ɛ ľ Enter ㄴ ㄥ˘ ˊ ㄟ ˆ 3.3.4c ľ * ㄴ ㄟ ˜ ˝ ’
- ㄟ ˘ ˩ ˥ Â

ˆ 3˜

- ч ㄥ ˘ ㄟ ѝ ľ Yes Ɛ
- Yes' ’ No' ´ Â



ˆ 4˜

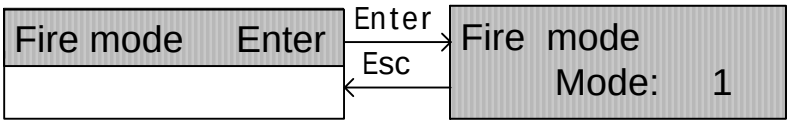
'

3 3 ˘ 1 à 3 ↙ ˘ 2 ↙ Л ˘ й 1'

- n=2' 2˝ ^ ~ ч Ы ↓ ╟ (ˉ) ˇ ЛЪЮ '
  · ѣ ˘ ↓ ↙ à ˘ з ↙ Л Л˘ Ѧ
  Л à '
  · ѣ ˘ ˘ Л Ґ Æ Ь ˘ ↓ '
  · ѣ Ю˝ ї̆ ˘ ч Ы ↓ Лъ ˘ а ↓ '
- n=3˝ 4' 3 à 4˝ ^ ~ ч Ы ↓ ╟ (ˉ) ˇ ЛЪЮ
  '
  · ѣ ˘ ч ↓ / Â
- n=5' 5˝ ^ ~ ч Ы ↓ ╟ (ˉ) ˇ ЛЪЮ '
  · ѣ ˘ ҷ ҳ ˘ ч ˘ ї̆ ↙ L ˘ à Л
  L Ы Â
- ѣ 2~5 Ю˝ Ո Л а ↓ L Ո ˘ N ˘ L^ ~ 1 ~
  N 1 ~ N ˘ L^ ~ N+1 ~ N+N 1 ~ N Л '
- ѣ 1~5 Ю ѣ ╗ ╖ BL2000-EBB й Л ҳ à Æ à
  ˘ ҳ ' ў Y2 à Y3 Â

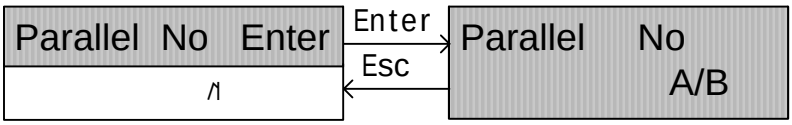
^ 6˜

й 0 ˘ ↙ ↙ ѭ ╖ Â
1 ї̆ ف ˘ ї̆ ↓ а Л



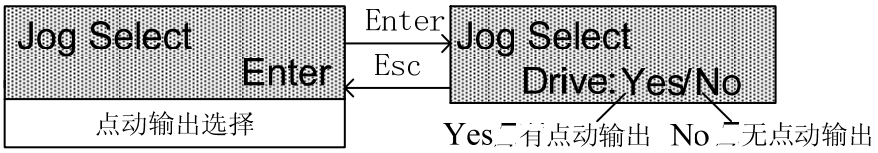
^ 7˜ Л

ѣ Yes ˘ Л A B˝ ↙ 1.1.15˜ Â Ю '



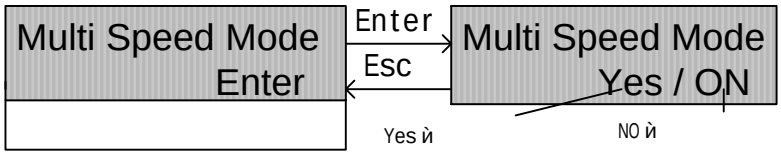
^ 8˜ ╟ ^ ↓ ~

- ↓ Ы ╟ ╖ ˘ ↓ ╖ '
- й Ґ Yes Ь ╟ , й Ґ No Ь ╟ '
- ↙ ѣ ˘ ╖ ╟ '

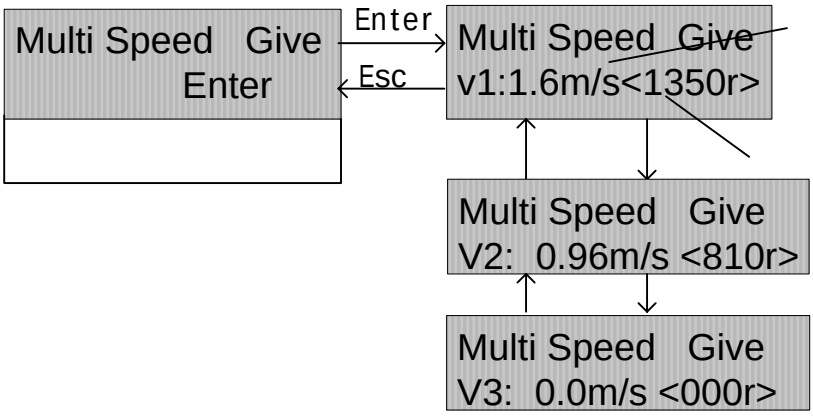


^ 9˜

ㄋ ˘ ㄱ ㄚ Yes˘ ㄚ No˘ ˘ ㄚ Yes Â

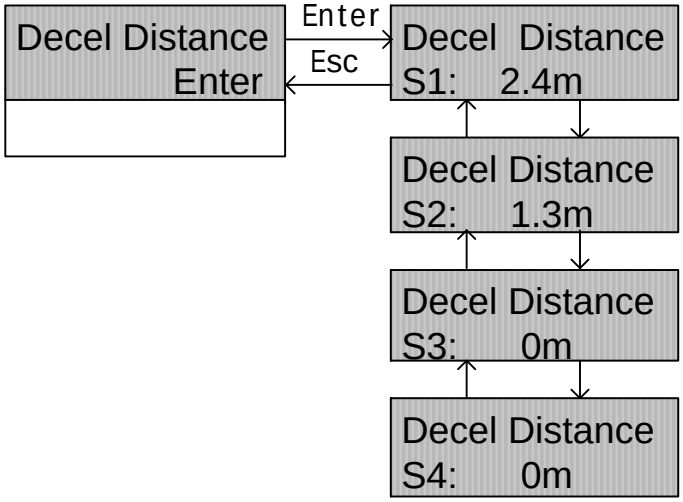


^ 10˜



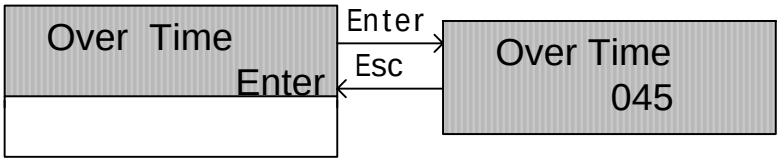
V2/S2	0	0	1.0m/s	1.3m
V3/S3	0	0	0	0
V4/S4	0	0	0	0

➢ 3-10 ㄟ ㄟ Â



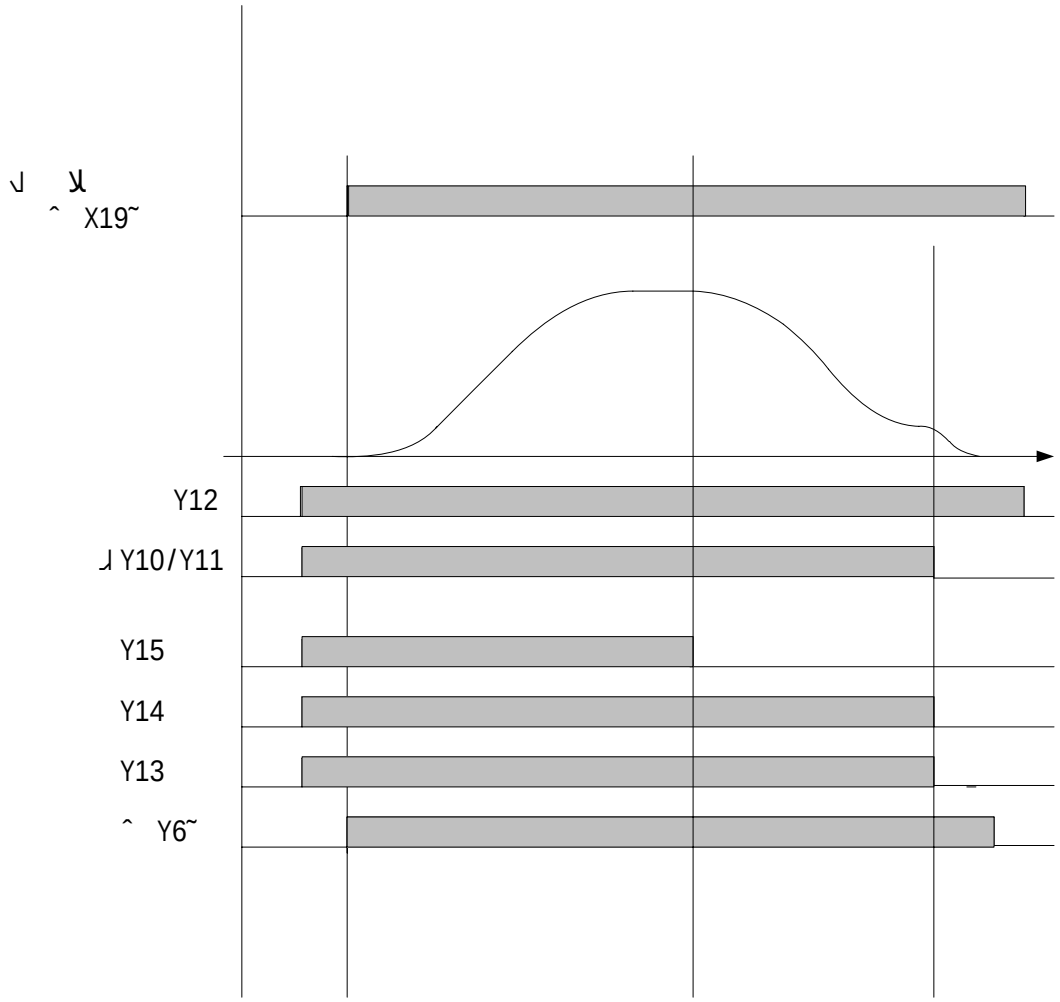
ˆ 12˜

➢ ǹ ㄱ´ ˜ ˘ ÿ ╟ ╗ ㄦ
Â ㄟ . ǹ ’
➢ ´ ˘ . ˘ ɜ ㄟ Э ˘ ’
➢ ㄔ ˘ ɛ̀ ǹ 45 Â



ˆ 13˜ ╗

ﺍ /١ ﺍ



2 à [illegible] ' ^ [illegible] ѝ 404-03 ЛЪ Э [illegible] ~

[illegible] FU22 ѝ ON [illegible] ѭ ѝ [illegible] a [illegible]

[illegible] BL2000-EBB' ^ [illegible] ЛЪЮ ѭ [illegible] ї [illegible]

BL2000-EBB˘ FU22 ѝ OFF˜

[illegible] FU22 ѝ ON [illegible] ѭ [illegible]

FU22 ѝ OFF

[illegible]	Æ	ѭ
X3	J2-4	Э 2

FU22 ѝ ON

[illegible]	Æ	ѭ
X3	J2-4	Æ 2 E

ني б

4.1

ʌ˘ ǂ Â ЛЮ Â

ˆ 1˜ Ɲ ʌ˘ ʌ ǂ ǐ Â

ˆ 2˜ ǂ Ɲ ǂ ǐ Â a ʌ ˥ ھی ȁ سم ѝ ∞ Â

ˆ 3˜ б ǐ , Э ʌ ʌ ʌ

ˆ 4˜ ʌ б ʌ ʌ ǐ ˘ ǐ ʌ ˘ ʌ б ʌ Â

ˆ 5˜ ȁ ╟ ȁ ˥ سم ȁ˝ سم ǐ ʌ سم˘ Â

ˆ : б ╟ سم˜

ˆ 6˜ جم Æ Â

ˆ 7˜ ON Æ Â

4.2

4.2.1 Э Ю

ˆ 1˜ Э كا Â

ˆ 2˜ “ ”Æ ˘ Ю Â

ˆ 3˜ ˥ ˥ “ ”Æ Â

ˆ 4˜ L Â 2.2.5(4)˜

ˆ 5˜ عج ˥' Ь ˥ ѝ 380±7%VAC˘ 15VAC Â б N

˥ ѝ 220±7%VAC Â

ˆ 6˜ ˥ ʌ Â

4.2.2 Э ʌ

ˆ 1˜ ʌ Э ˘ ʌ KXX ˘ Æ Â ǐ ˘ ˘ ч

Æ Â Э Â

ˆ 2˜ ʌ ˥ ʌ TC1 ʌ ˥˘ è جم ʌ ±7% تن ˘ تن˘ ʌ يج Â

ˆ 3˜ Э ˘ Ю '

ʌ Э F2 100-101 ˥ ѝ 110±7%VAC

103-102 ˥ ѝ 110±7%VDC

ʌ Э F3 200-201 ˥ ѝ 220±7%VAC

ʌ ˥ Ю'

4-1

	L-N	5V-G	24V-G
˥	220±7%VAC	5.0±0.1VDC	24.0±0.3VDC

ˆ 4˜ Æ ⅄˘ ⅄ KJT à ⅄ KMC Ǘ ⅄˘ ⅃ ⅄ Â

ˆ 5˜ Э ⅄˘ Ю ˈ

ŵ ھ ǐ Â

Ŷ ⅄ ⅄ à Э à Ю Æ ⅄ ǐ Â

ŷ ǐ ˈ ⅄ ╟ ⅄ ѝ ˘ ON˘ Э

“INSP”˘ OFF “STOP” Â

Ÿ ǐ ˘ a Â

4.3

5˜ ˆ Car Speed˜

˘ ȁ Ռ ˈ

$$= \frac{* \quad *3.14*}{60*1000*}$$

6˜ ˆ Motor Speed˜

ꓘ Â

7˜ ꓘ ă ˆ Pulses˜

- ➢ ꓘ ꓘ ˘ ꓘ ꓘ ă ˈ
- ➢ ꓘ ꓘ ꓘ ˘ ꓘ ꓘ ꓘ ă Â

8˜ ˆ Multi Speed Give˜

- ➢ ≤ 1m/s ˘ V1 ˈ
- ➢ 1m/s ˘ V1˜ V2ˆ V2ˎ V1˜ ч ˘ a

ꓘ ˘ Ռ Â

9˜ ˆ Decel Distance˜

8˜ ˘ 3-10 Â

4.3.2 ꓘ ꓘ ꓘ

جه ˘ ꓘ ꓘ ꓘ Â ɛ́ ꓘ II ȁ III˜ ɛ̀ ꓘ

ꓘ ꓘ ╟ ˝ ╥ Â ꓘ ˝ ꓘ ꓘ ꓘ ”Ạ Â

4.4

4.4.1

ˆ 1˜ جه ЛЮ Y ˈ

ŵ “ ”Æ ˘ ꓘ ꓘ “ ”Æ Â

Ŷ ھ ȁ ھ ˘ ꓘ a ꓘ Â ꓘ Ռ Â

ŷ Э ꓘ KJT ȁ KMB ꓘ˘ KMC ꓘ ǘ ꓘ˘ ꓘ ꓘ Э ꓘ ꓘ ї ˘

ꓘ “INSP” Â

Ÿ б Â

ˆ 2˜

ˇ ꓘ˘ Эˆ Ю˜ ˘ Ли Эˆ Ю˜ Â

ꓘ ꓘ ꓘ б ꓘ Â Э ꓘ ѝ ˘ Ю ꓘ ѝ Â

ŵ Ю Эˆ Ю˜ ˘ ꓘ ꓘ ꓘ a ˘ б ˘ ꓘ ꓘ A ȁ B ˘ Э Â

Ŷ ꓘ б ꓘ˘ جه ꓘ ꓘ ꓘ ч ˘ ꓘ ꓘ A ȁ B ˘ Э Â

ŷ ꓘ ꓘ ꓘ ˘ ꓘ “Er04ˆ ꓘ ˜ ” ˘ ў Э ꓘ A ȁ B ˘ Э Â

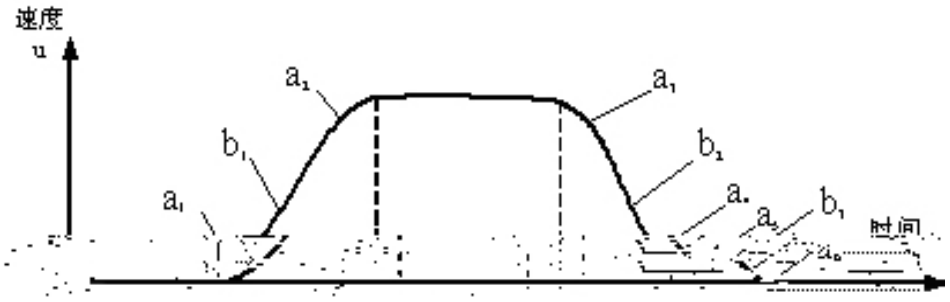
4.4.2 ⅃ ⅂

˘ ⅃ ⅃ ⅂ Â ⅂ Э à Ю ⅃ б ⅃ ⅃˘
⅃ ˘ a ¨Ą ╟ Â

4.5

˝ Ɲ ˝ ⅄ Æ ⅃ ⅄ Æ ˘ Æ
à ╟ ⅃ Â ⅄ ˘ ˘ ˝I ˝ ' Ю'
ˆ 1˜ ⅄ ˚ Â
ˆ 2 Nj Ǯ

I ´ في ˘ في 4 1 й ˘ في a_1 a_6˘ b_1 b_3 й ˅ ˅ S صر ˅ Â



في 4-1 في

╟ S Ю Ь ˅

a_1' ╟ ╗ ¨ ¨ ˘ b_1' ╟ ╗ ˘ a_2' ╟ ╗ ¨ ¨ Â

╟ S Ю Ь ˅

a_3' ╟ ¨ ¨ ¨ ˘ b_2' ╗ ˘ a_4' ╟ ¨ ¨ ¨ ˘

a_5' ¨ ¨ ¨ ˘ b_3' ╗ ˘ a_6' ¨ ¨ ¨ Â

' عج جه Ю˘ Л Э ˅ ˘ Л Â

˘ ˅ ˅ ц Â ˅ a_1~ a_6 à b_1~ b_3 й ˅ ˅ ˅ ˅ ˅ й

Ѭ ˅˘ ˅ ˅ Â

4.7.2

˅ ˅ è ˅ ш ˅ Â

˅ ˅ ╟ ˅ ˘صر صر ╟ à ╟ Â يج ˘

˅ Â ˅ ´ ˜

C5-01ˆ ˅ ˅˜ Ω ˆ C5-02ˆ ˅ ˅˜ ˅ ≠ ؛ Â

ï ╟ ؛ ˘ Â ╟˘ . Â

╗ ˆ ╟ Ω ˘ ˘ ˆ ˘ й ˅

╟ Â

ˆI ˘ جه a Ю Â ˅ ˆ ˘ ؛ ˅

a Â

, й 0.3m/s. ⅃ Э̂ Ю˜ , Э (Ю) ╟ , , ⅂ مجسم ˜ مجسم й 2.5±0.1mÂ

' ⅃Э й ˘ Â

I

˝

Э Ю

˧˥

Y13
Y14
Y15

t1 t2

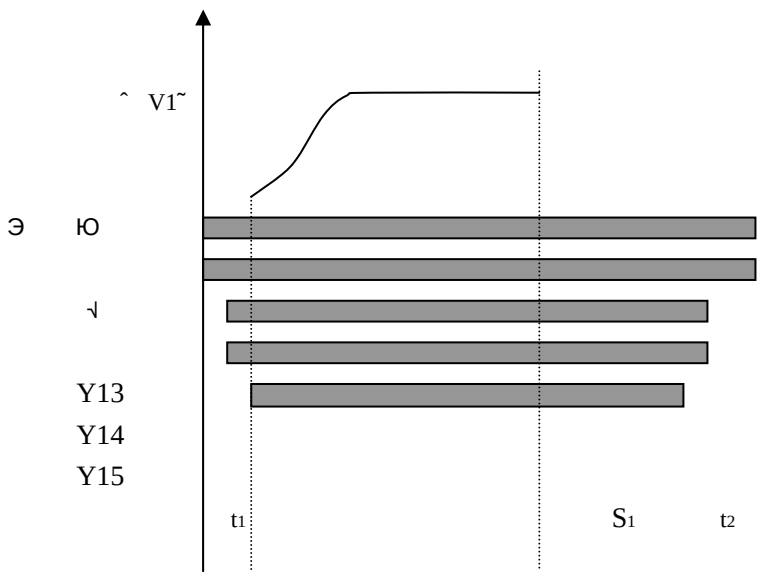
´ ש ˧˥ ש

ˆ ˝ ש˜ˆ ˝ Э Æ˜

- ˝ Ɲ ˩˧'
- ˝ ˘ ´ ש˘ ˝ ˘ Э Æ ˩˧˘ '
- ˘ ´ ש˘ ˝ ˘ ˧˥ ש ˩˧˘ '
- ˧˥ æ ˘ ´ ˧˥ ƕ ʒ Â

4 à ˘ б (3) ˩˧ Â ˩˧˘ ש ˩˧˘ Â

5 à



´ ש

ɛ ˘ S1 ǹ V1 Â

- ˘ ˘ V1 ˘ ´ שˆ FU02=OFF˘ FU02=ON˘ ǹ ˧˥ ש˜ ˩˧˘ '
- Ю˘ ˧˥ æ ˘ ´ ˧˥ ƕ ʒ' ˧˥ ש

6 à

ň [redacted] ʒ ˧˥

ˈ [redacted] ľ Er=# Ľ ʒ ˈ ľ U Ľà

ľ N Ľàľ O Ľ ʒ /ˈ ˆ ˧˥ جه Э

Ю ˥˩ ˈيج Ь

ʒ	[redacted]	
Er1	[redacted]	
Er2	˘ هى Â [redacted]	هى ˧˥ ĭ Â
Er3	˧˩ ˧˩ Â	˧˩ ˧˩ ʒ ˘ ˥˩ يج Â

Er26	' لا б لي a	لا لي б ١ ў б ٨ Â
Er27	' لا б لي a	لا لي б ١ ў б ٨ Â
U	˘ Æ ˘ Â	لا à Æ à ھ Ї и Â
N	˘ Æ ˘ ٨ Â	لا à Æ à ھ Ї Â
O	٦ ٨˘ ˘ Ѧ ' 5 ˘ Ÿ ٨˘ a Ѧ ˘ ٨ Â	٧ Э

ʼn ˜

Ю ˧˩ ˧˩˧ ˧˥ ˈˆ ˧˥ ˜

ني

˧˥			
LER=0		Esc ˘ ˘ Ь ˧˥	
LER=1	ă ˧˩ ˩	ă Â A	

1˙ '

٧	ر		
E1-05	٦	380	
E1-06	ﷺ	50	
E1-09	æ	0	
E2-01		*	
E2-02		*	
E2-03		*	35-40%

ŋ G7A ˧˩ ˥˩ ˥˧

Ю ˧˩ ˥˩ ˥˧ ˆ ˥˧ ˜

	˥˧							
	A1-00	LCD ˥˩	0					
[redacted]	A1-01	˥˧ ˧˩˧	2	ADVANCED				[redacted]
	A1-02		3	PG				

E2-02			HZ	slip
E2-03			A
E2-04			
E2-11			0.01KW
F1-01	PG	PG	PG
F1-02	PG PGO	1	
F1-03	OS	0	C1-02
F1-04	DEV	0	C1-02
F1-06	PG	1	PG 1+n /m, n=0,1 m=1 32
F1-08	OS	105	OS F1-08 100 F1-09
F1-10	DEV	30	DEV F1-10 100 F1-11
F1-11	DEV	1	
H1-03	S5	3	3
H1-04	S6	4	4
H1-05	S7	5	5
H1-06	S8	F	6
H1-07	S9	F	7
H1-08	S10	7	8
H1-09	S11	6	9
H1-10	S12	9	10
H2-01	M1 M2	37	
L3-04		0	0V
L5-01		5	
L8-05		1	a
L8-07		1	
01-01		5	
01-03	/		

Ю ⅃ ⅄ ⅄ ' ^ ⅄ ~

⅄	⅄		
F02	⅋	1	
F03	1	50Hz	
F04	⅏ 1	50Hz	
F05	⅂ 1	380V	
F06	⅂ 1	380V	
F07	╗ 1	3.5S	╗
F08	1	0.01S	
F11	╟		╟ 110%
F12	╟	0.5min	⅄ ⅃ OL1 ⅃
F15	Э	50Hz	
F16	Ю	0 Hz	
F23	⅂ ╟	0.4Hz	
F24	⅂ ╟	0.3Hz	
F25		0.1Hz	
F26		15KHz	
F27		0	
F36	30Ry ╟	0	
F40	1^ ╟~	200	
F41	1^ ╟~	200	
E01	X1 ╗	0	
E02	X2 ╗	1	
E03	X3 ╗	2	
E04	X4 ╗	5	
E05	X5 ╗	5	
E09	X9 ╗	9	╟´
E10	╗ 2	3.5s	╗
E11	2	3.5s	
E12	╗ 3	3.5s	╗
E13	3	2.5s	
E14	╗ 4	11 s	

˥˩	˩		
C05	1	8Hz	˜
C06	2	8Hz	
C07	3	3Hz	
C10	6	30Hz	
C11	7	50Hz	
P01		*	
P02	╗	*	
P03		*	
P06		*	
P09			
O01	ʒ	1	ѝ 1
O02	ʒ	0.020	
O03	⅄ ă	*	
O04	ASR P ( )	20	
O05	ASR I	0.1	
O06	˧˩	0.003	
O07	ASR P ˩ 1	5	
O08	ASR P ˩ 2	10	
O09	ASR P (æ)	20	
O10	ʒ	0.005S	
O11	╗ 9	0˙ 1	
O13	S صر 1	20	╗ S صر
O16	S صر 4	20	╗ S صر
O17	S صر 5	20	S صر
O18	S صر 6	20	╗ S صر
O19	S صر 7	16	S صر
O20	S صر 8	18	S صر
O21	S صر 9	30	S صر
O22	S صر 10	30	S صر
O37	ʒ	0.0	
O38	ŭ ╟	0.3	

' = ▬ × ˩ - / ˩ [r/min] [Hz]

ō ╗ ╖ ^ 2005-4-25˜

1¨ Ю'

ч (Brake Feedback) й ^ Yes˜' X15 ╖ 15 KMC ч ˜˜ й ╖ 23

ч 2˘ ˜˜ й ч ч 2 ˘ й 2 ˘ Л й 05 Â(X17 ╖ a ↓˘

200ms)

2¨ ╗ ╖ '

Л ╟ ˘ '

╟ ↓ ЛЮ ¨ '

1˜ ˘ ╟ ^ ў ╟ X18 ˜'

2˜ '

3˜ a ج Ш'

4˜ a ↓Л '

5˜ ه Л '

a ج Ш ╟ '

1˜ ╟ ā ┘' ┘Ю ' ĭ ┘Э Â

2˜ ┘ ч ˘ ' Л˘ ╟ ſ

'

3˜ ˘ ╟ ˘ ه Â

ج Ш˘ ╟ ^ ў ╟ X18 ˜˜ ╟ Â

3¨ ╗ Л ER28' Ю 1 Э 1 Â

4¨ ╗ ¯ Л LER21' Э ^ 2m/s Э ˜ Â

5¨ ╗ ¯ Л LER22' Ю ^ 2m/s Ю ˜ Â

6. ج ↓ ˜ ч ╗ Ю ч '

^ 17˜ ч 2

ч 2^ ˜ Â

Break Check Time 2000ms
ч

^ 18˜

Л Â

Beep delay time 500ms

ˆ 19˜

‖ Â

Lamp off time 15min

ˆ 20˜ ˇ

YCC1 ˆ 27ß

(23)( )Tj/TT3 1 Tf9.031 0 0 9.0311026.523 10.6403 Tm-0.0034 Tc<.528744cbca5f321bca4bc8>Tj/TT6 1 Tf9 0 0 9 566.523 10.6403 Tm0 Tc