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BL2000 6

BL2000 13

BL2000 92

BL2000 101

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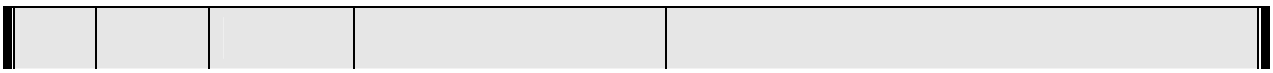
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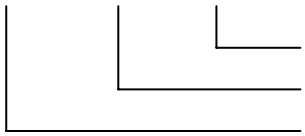
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BL2000

2.1.

1.

BL2000—□□□－V□



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2	BL2000-STB-V
3	BL2000-CZB-V
4	BL2000-CEB-V
5	BL2000-QKB-V
6	

3.

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A 1357

B 1057

C 1257

D 1067

E 2058

F BS252

G BS402

3 3-3-4-1

2.2. BL2000

	BL2000-STB-V2		
	BL2000-CZB-V7		8
	BL2000-CEB-V2		
	BL2000-Hxx-xn		3-3-4-1
	BL2000-HXJ-V2		
	BL2000-QKB-V2		
	BL2000-HQK-V2		
	SJT-DZA		
	SJT-150		
	SJT－YBA－V6		
	SJT-WJ		
	SJT-WK		
IC	SJT-QIC-V2		
IC	BL2000-KIC-V2		
ID	SJT－QID－V2		
ID	BL2000-KID-V2		
IC	BL2000-CIC-V2		
ID	BL2000-CID-V2		
IC	MF-500		
ID	YX-K4-232		

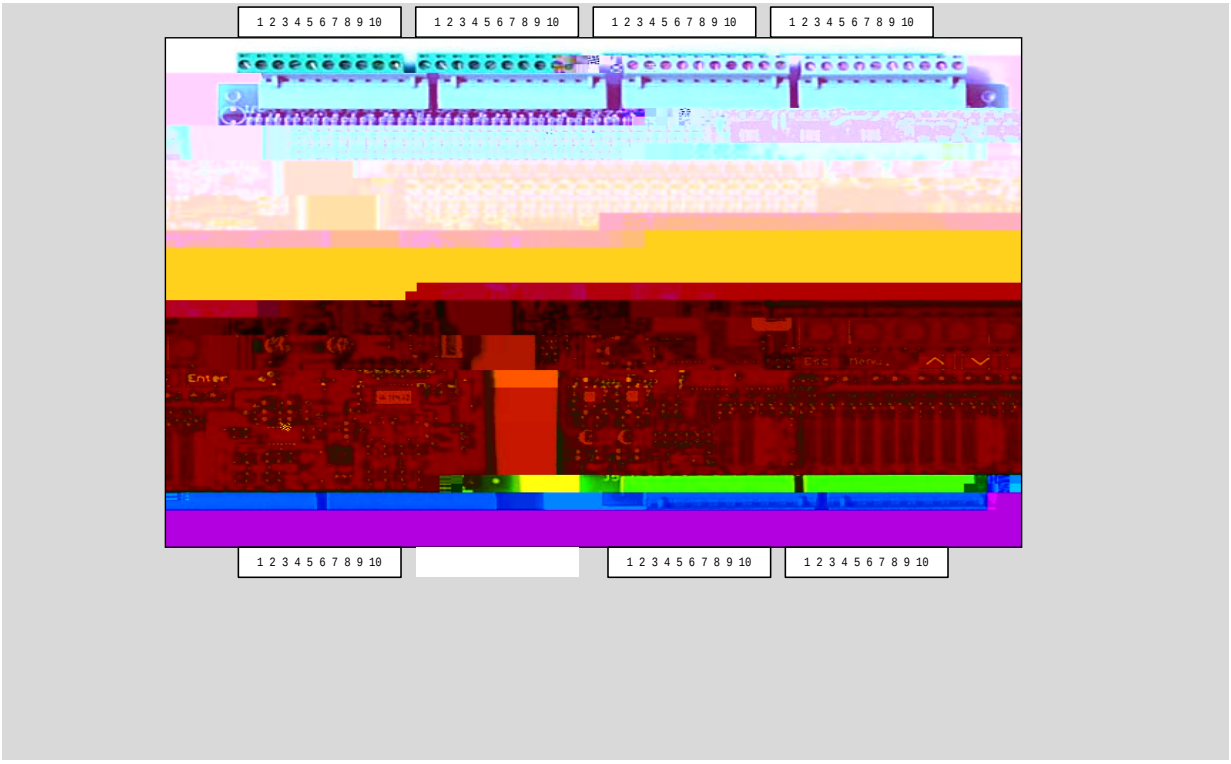
3.2.1

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3.3.

3.3.1. BL2000-STB



3

>< **BL2000-STB**

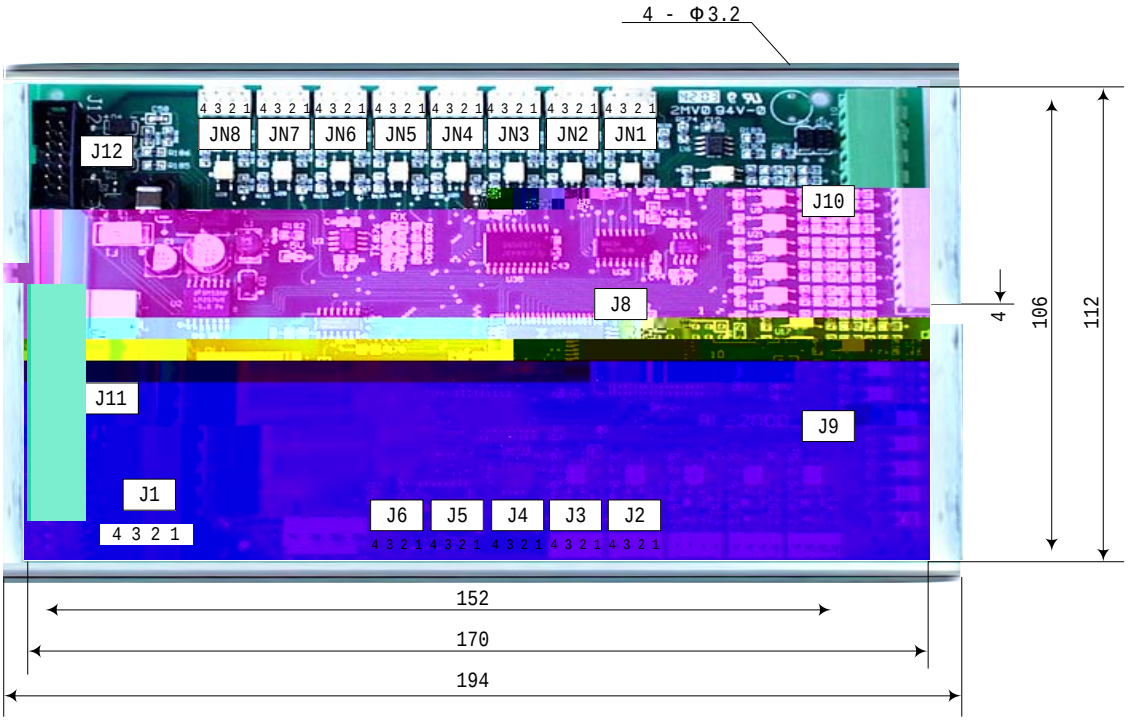
							/	

					/	
J2				DC24V 7mA	10mS	100Hz
				DC24V 7mA	10mS	100Hz
				V9		
			I	I œ		;

							/	
J6						DC5A24V AC5A250V	5/10mS	20cpm
J7						DC5A24V AC5A250V	5/10mS	20cpm
						-10V +10V		
						0 10V		
J8						12 15V		
						0V/12 15V 18mA		25kH
						0 15V 40mA		
J9								

X24 J5-3 X25 J5-4 X14 J2-5

3.3.2. BL2000-CZB



EbÎ

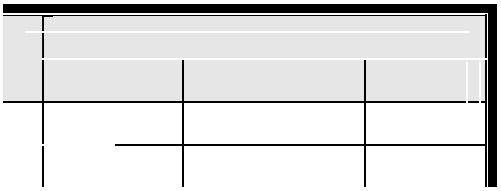
4.

3-3-2- BL2000-CZB

J1							
						Ω	

J6						Ω	
J7			RS232	RS232	RS232		
			RS232				
			RS232				
			RS232				

3.



3.3.4. BL2000-Hxx-xn

1.

BL2000-Hxx-xn

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3-3-4-2 BL2000-Hxx

J1						
J2					Ω	
J3					Ω	
J4						
S1						
AN						

5.

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1 **64** **1** **2**

1 **AN** **5**

2 **AN** **1** **64**

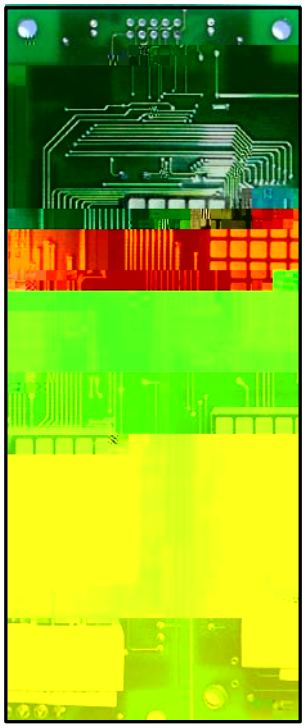
3 **2**

4 **S1**

▲ **1**

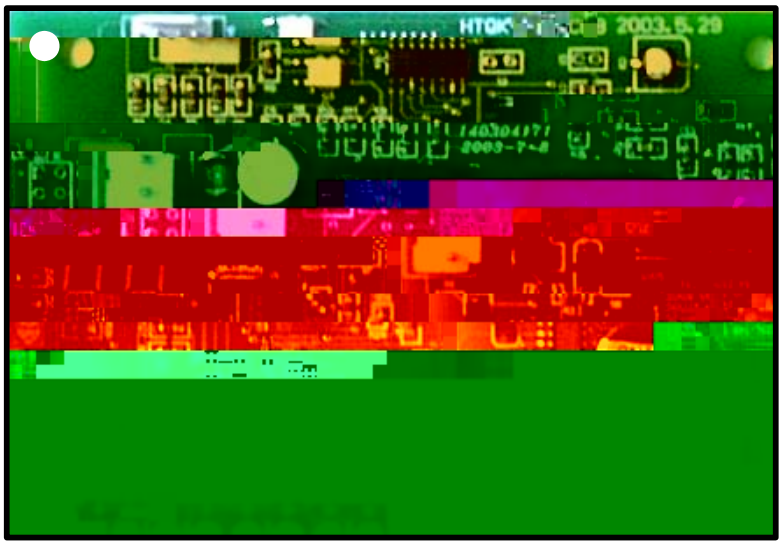
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7.





3.3.5. BL2000-HQK



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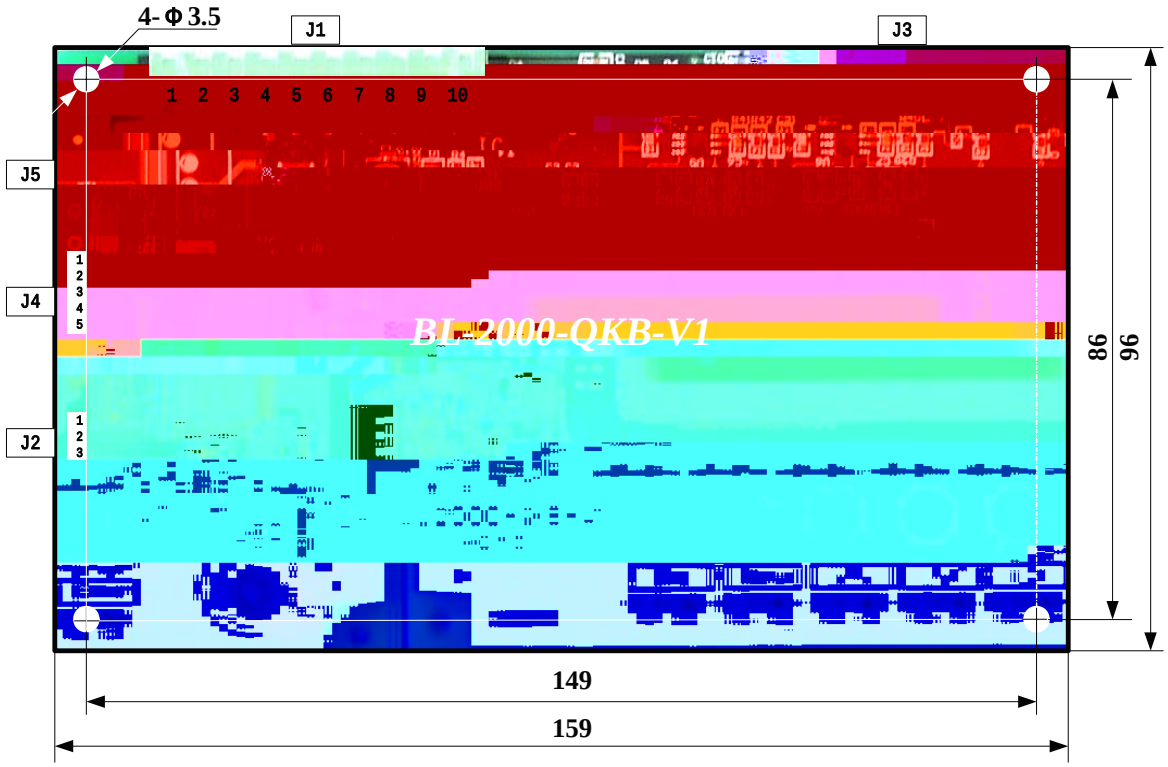
3-3-5-1 BL2000-HQK

4.

3-3-5 BL2000-HQK

J1						
J2					Ω	
J3					Ω	
J4						

3.3.6. BL2000-QKB-V1



3-3-6 BL2000-QKB-V1

1.

1 BL2000-QKB-V1 BL2000—xxx

CAN

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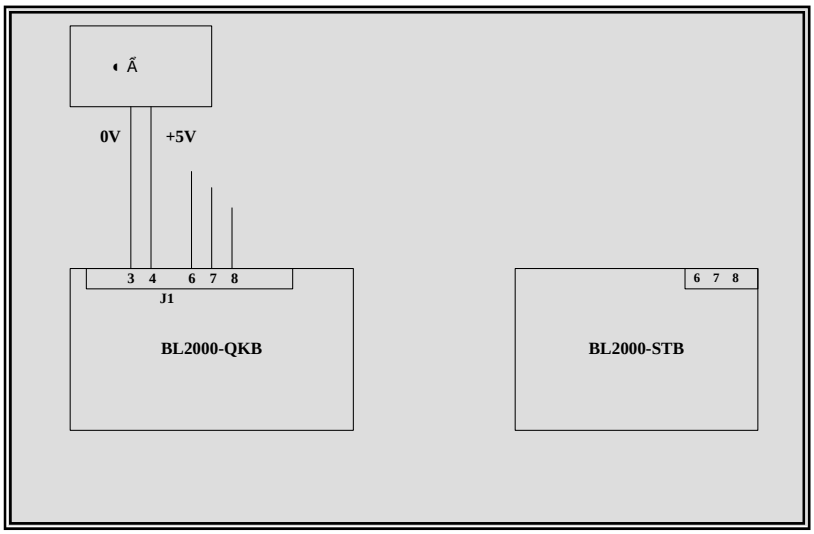
2

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4.



5.

3-2-6 BL2000-QKB-V1

J1							
						200mA	
J2				RS485			
J3							
J4				RS323			
J5							

3.3.7. SJT-150

1.

2.

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6 BL2000

3.

1 **2 24mm**

2

3-3-7

3.3.8. SJT-YBA

1.

2.



3-3-8 SJT-YBA

3.

4.

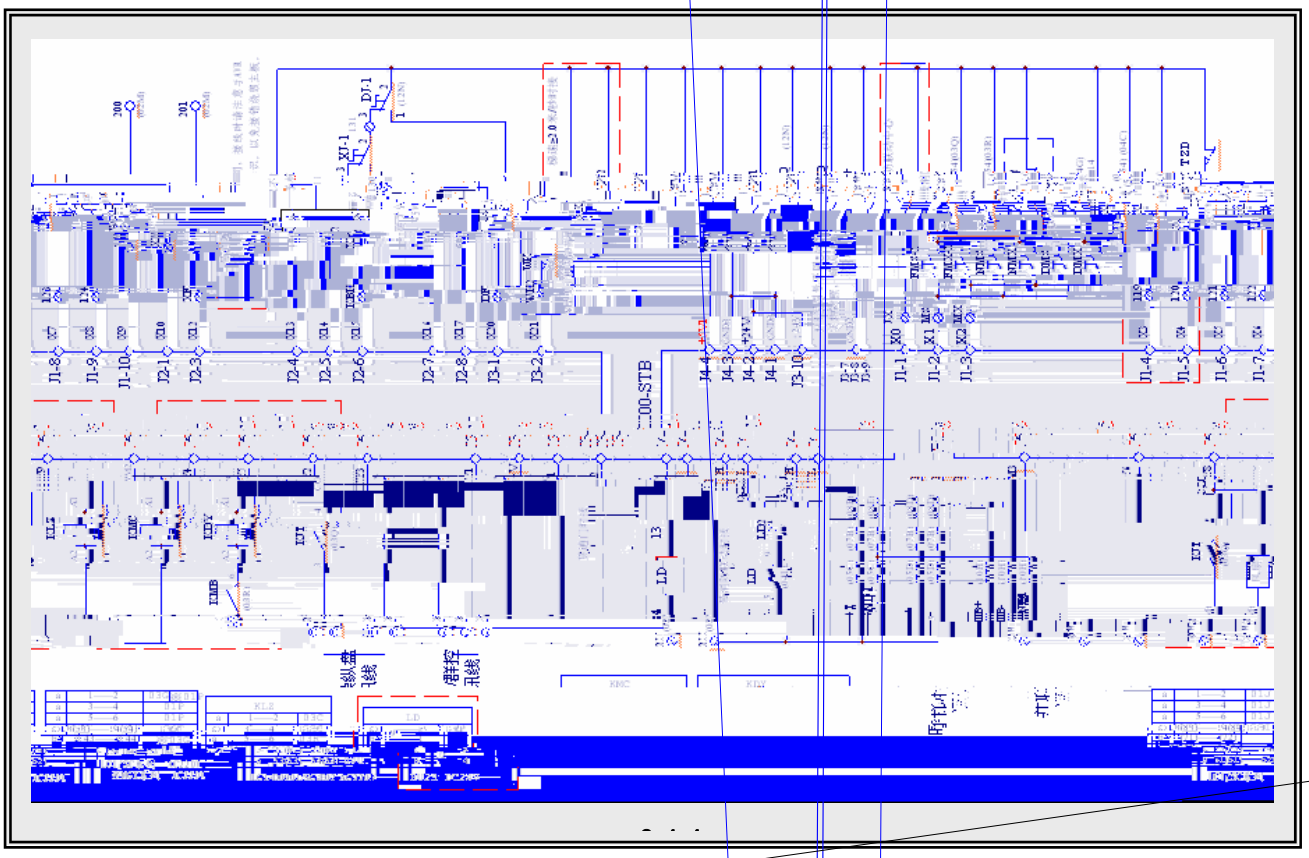
3-3-8-2 SJT-YBA

J1					CAN	800mA	

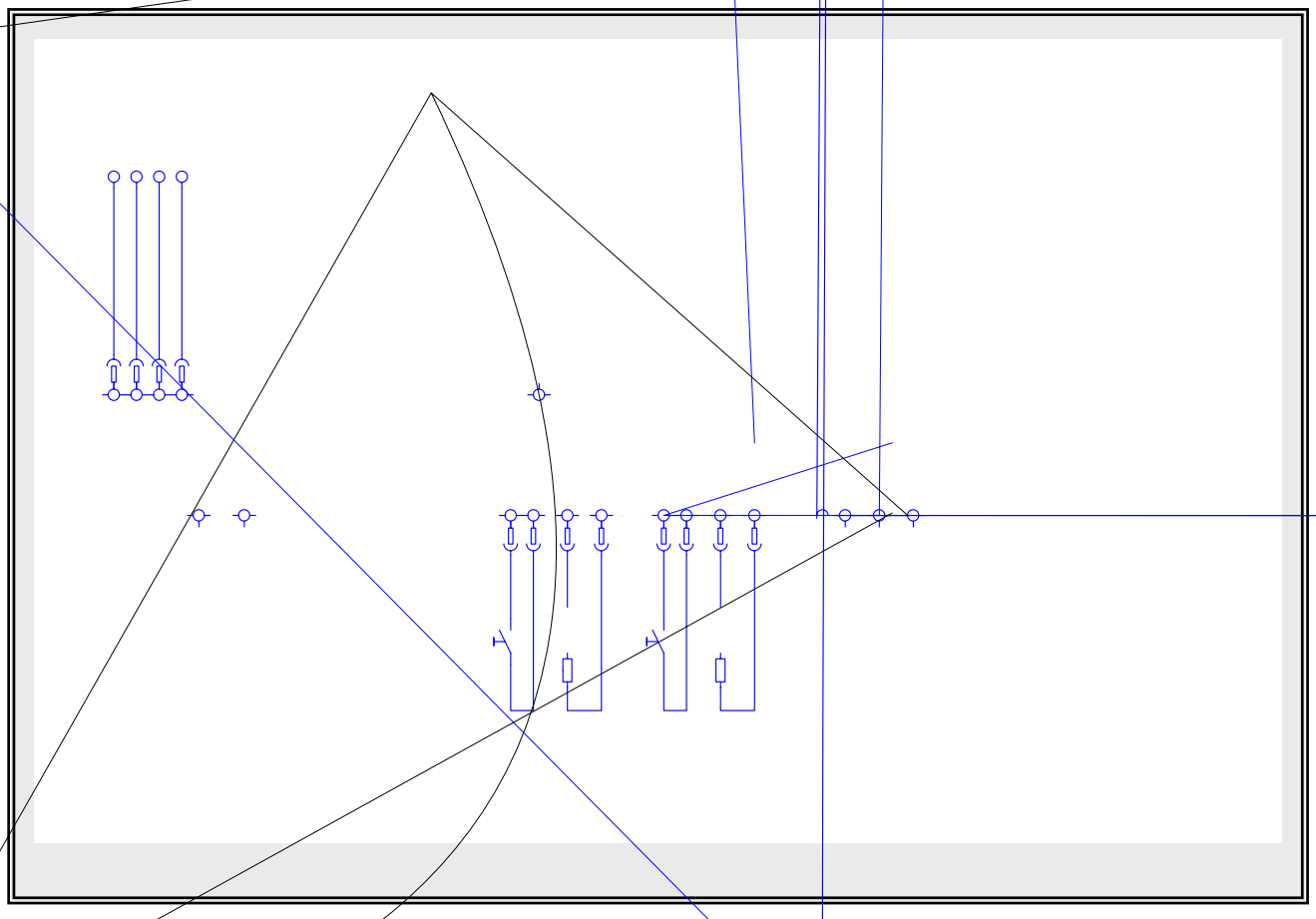
2. BL2000 ——

3. BL2000 ——

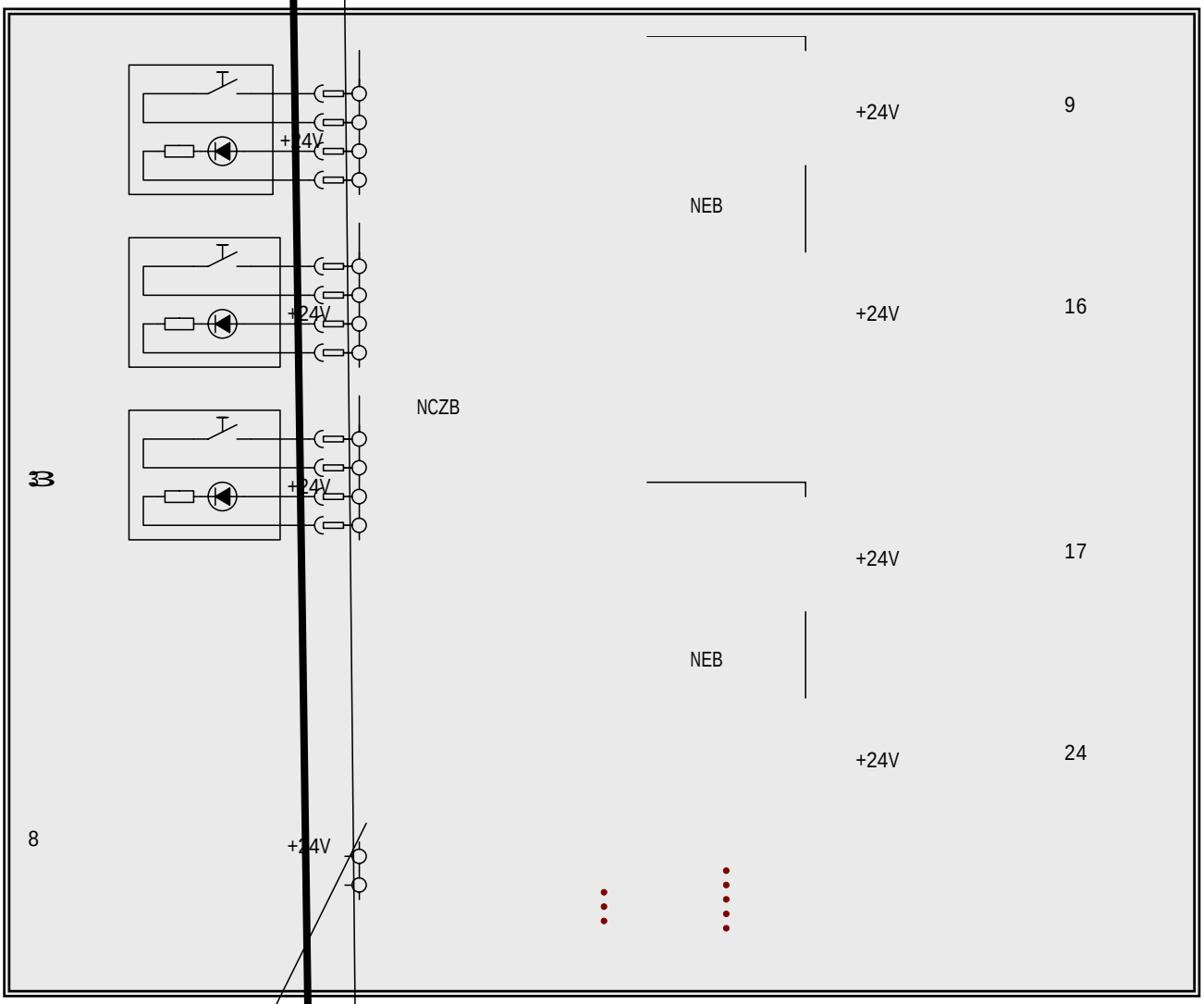
4. BL2000 ——



5. BL2000 ——



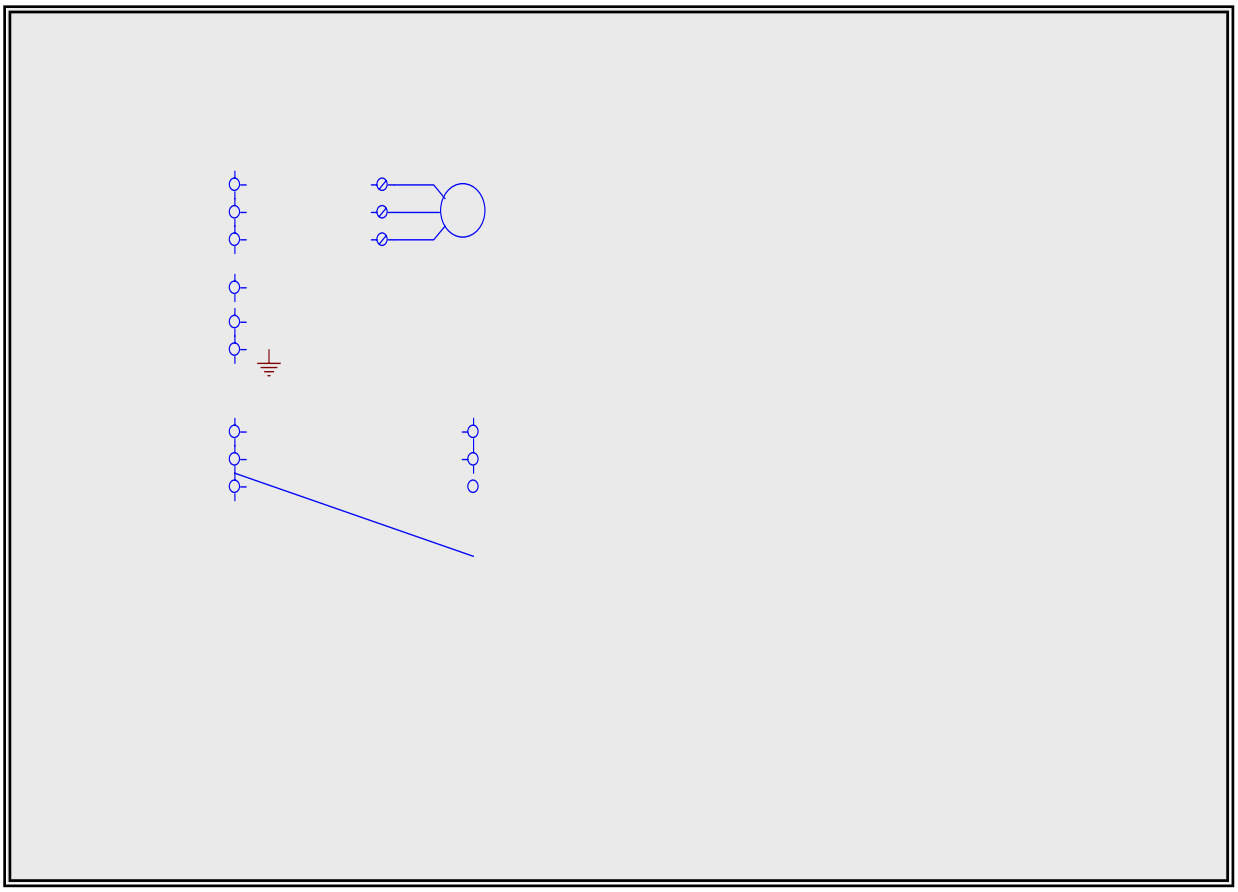
6. BL2000



7. BL2000

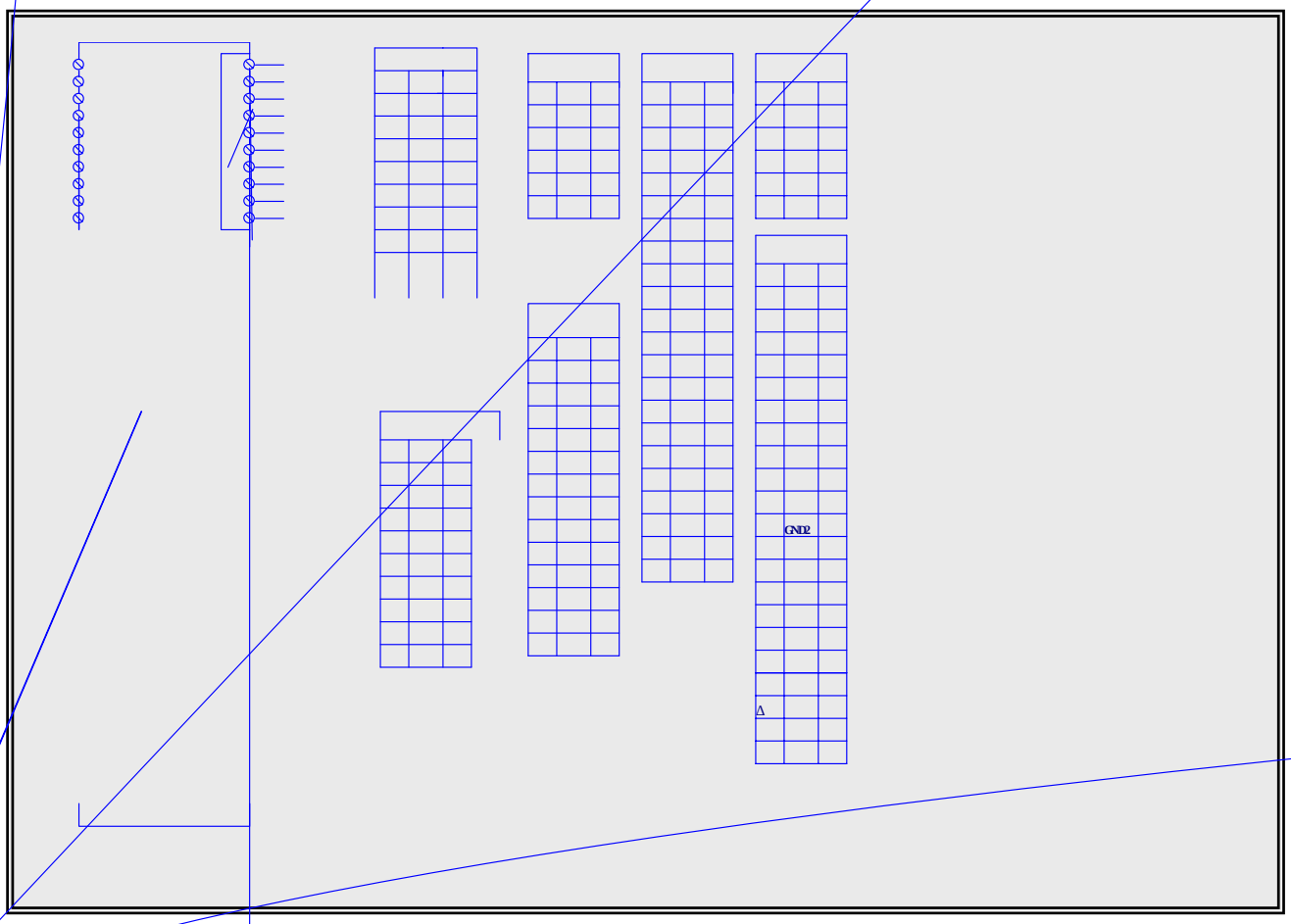
8. BL2000 ——

9. BL2000 ——

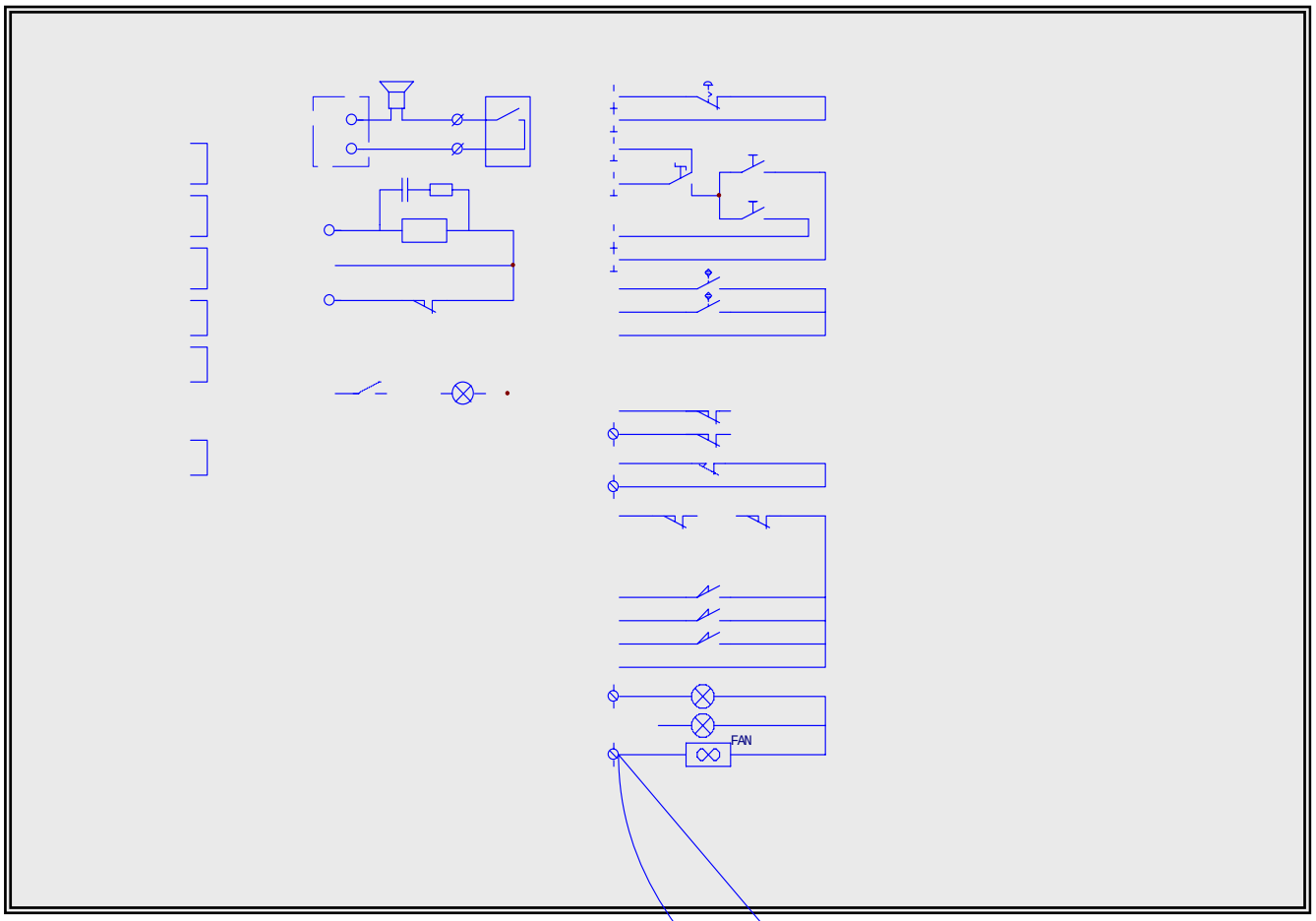


10. BL2000 ——

11. L2000 ——



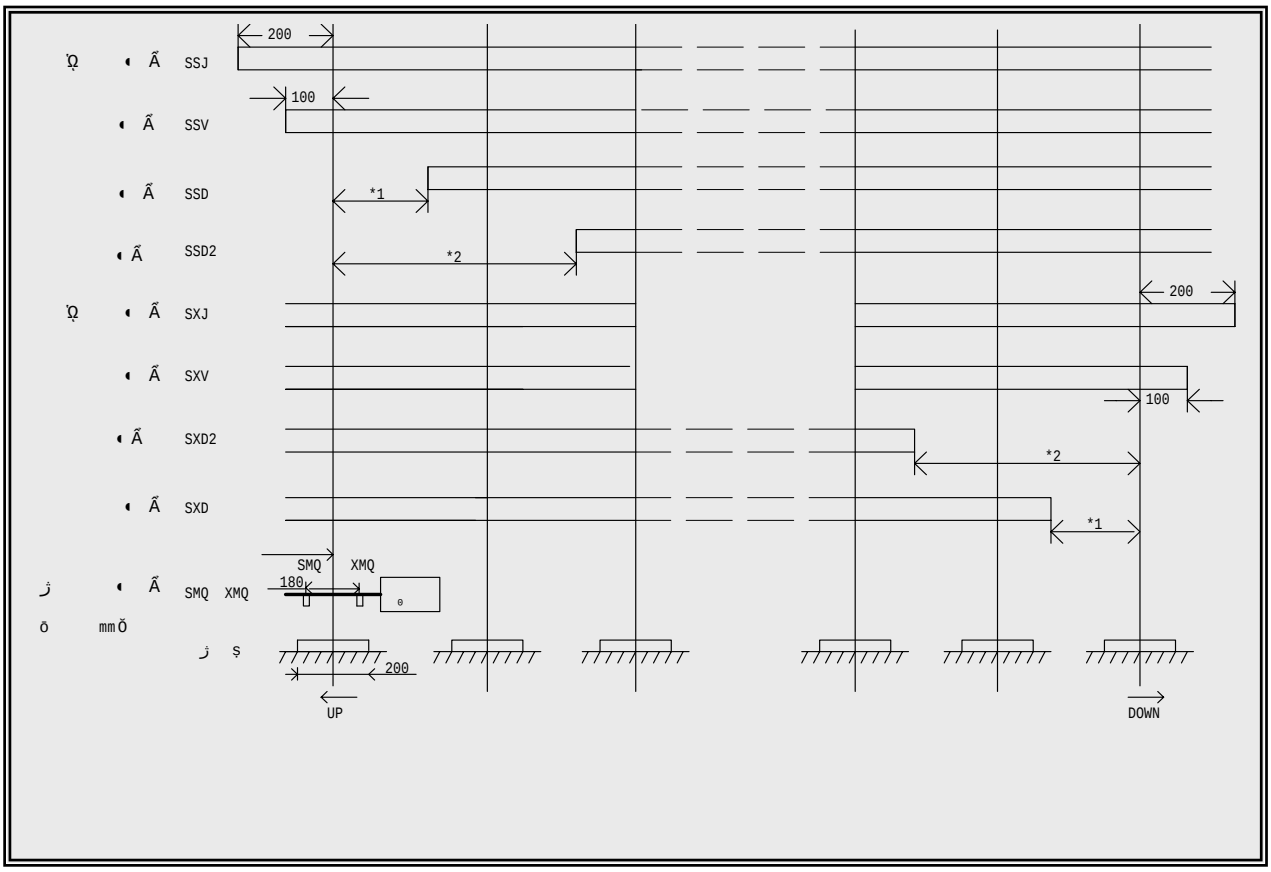
12. BL2000 ——



13. BL2000 ——

14. BL2000

16. L2000 ——



17. BL2000 ——

3.5. BL2000

BL2000

4.1.

1.

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4.

4.2.

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3.

4.3.3.

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2.

4-3-3-1

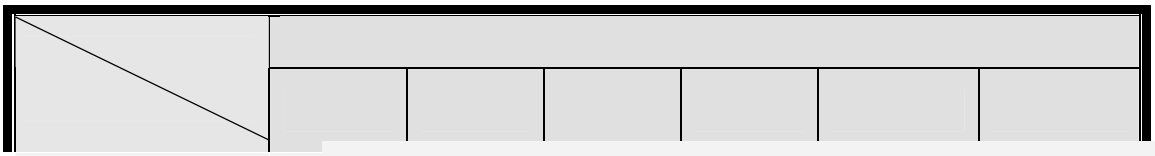
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4-3-3 **/**



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4.3.4.

BL2000

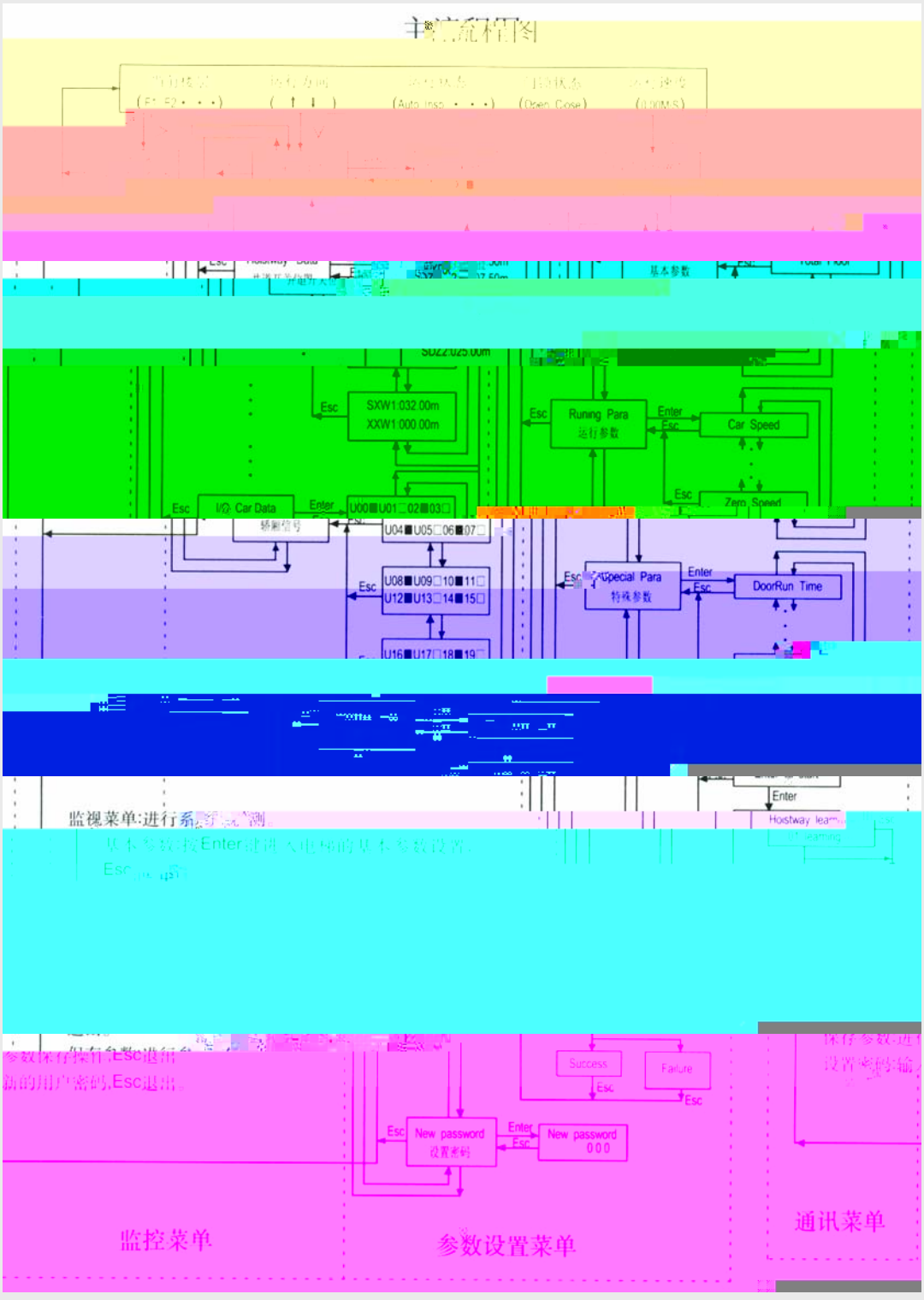
5.1.

BL2000-STB

1.

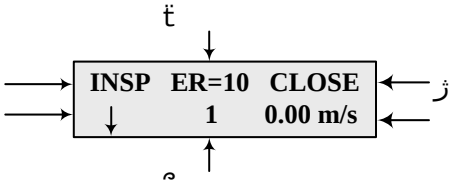
4 ṁŃ Đ

5.2.


Esc
SXW1:032.00m
XXW1:000.00m
Esc
Runing Para
运行参数
Enter
Esc
Car Speed
Esc
Zero Speed
Esc
I/O Car Data
轿厢信号
Enter
U00■U01□02■03□
U04■U05□06■07□
Esc
U08■U09□10■11□
U12■U13□14■15□
U16■U17□18■19□
Esc
Special Para
特殊参数
Enter
Esc
DoorRun Time
Enter
Hostway learn
监视菜单:进行系
Esc
Success
Failure
Esc
Esc
New password
设置密码
Enter
Esc
New password
000
监控菜单
参数设置菜单
通讯菜单

5-2-1

5.2.1.



1.

INSP
MANU
AUTO
FIRE
STOP
USER

2.

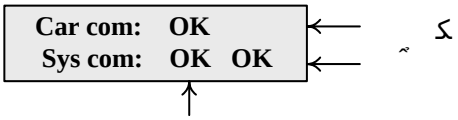
ER=#

3.

CLOSE
OPEN

4. **Menu**

5.2.2.



1.

OK
ER

2.

OK
ET

3.

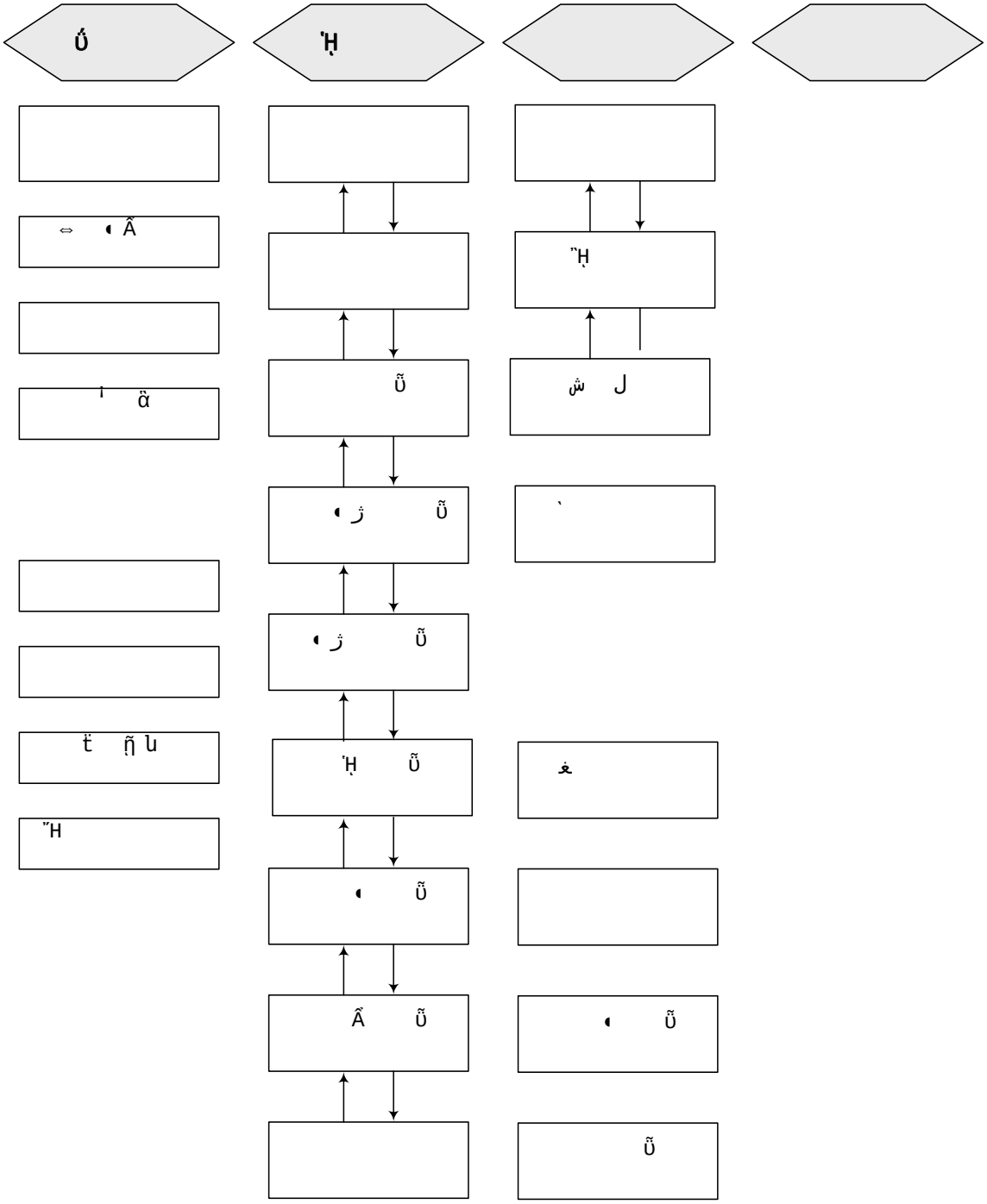
OK
ET/ER

5.2.3.

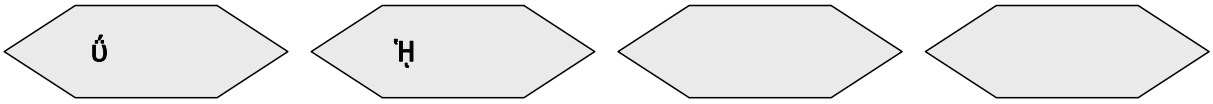
5.2.4.

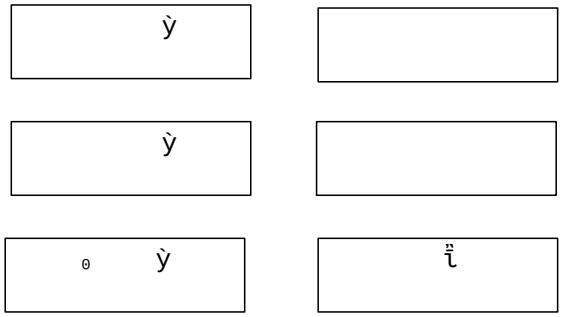
“ ” “ ”

1.



2.





5.2.5.

1.
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3. **Enter** **Enter**
4. **Enter**
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5.
1 ——
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5.3.

5.3.1.

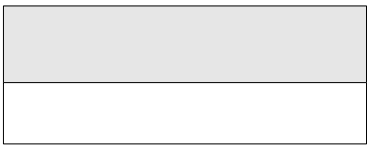
5-3-1

1		Call Input	
2		Hoistway Data	
3		Floor Data	
4	I/O	I/O Value	I/O I/O
5		Speed Feedback	rpm m/s
6		Loading Data	
7		Run Report	
8		Fault Report	
9		Call Test	
10		Interfer Apprais	
11		Encoder Apprais	
12		Input Apprais	
13		Software No	
14		I/O Input	
15		I/O Output	
16		I/O Car Data	/
17	/	Open Close Door	/

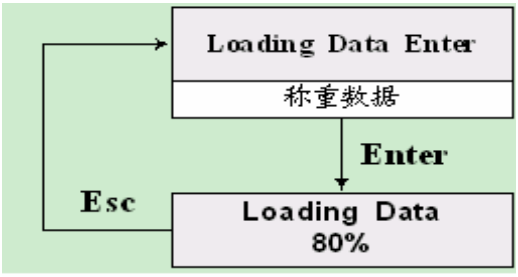
5.3.2.

1.

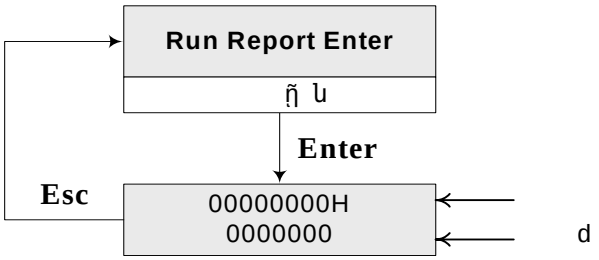
1



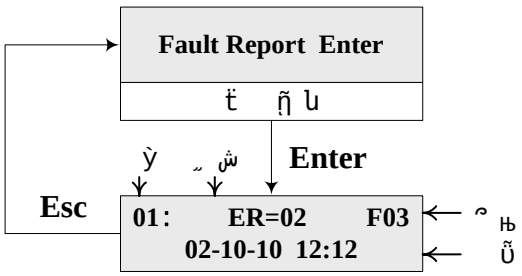
2 Enter



7.

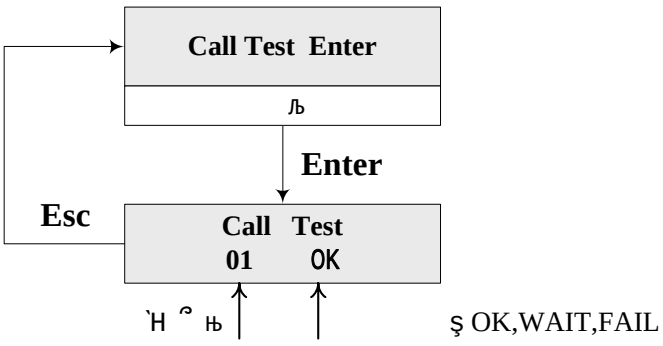


8.

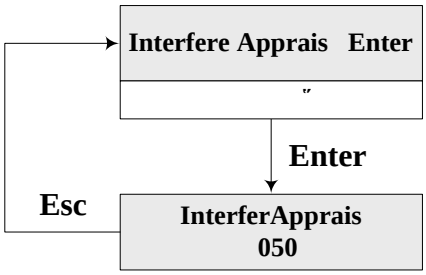


9.

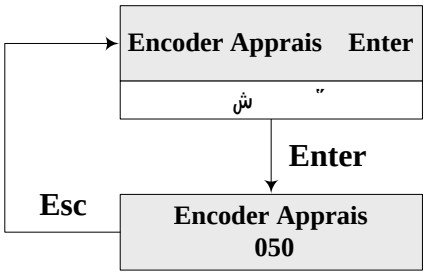
OK Wait Wait Fail



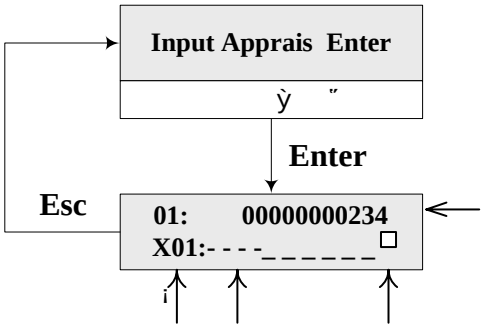
10.


Interfere Apprais Enter
Enter
Esc
InterferApprais
050

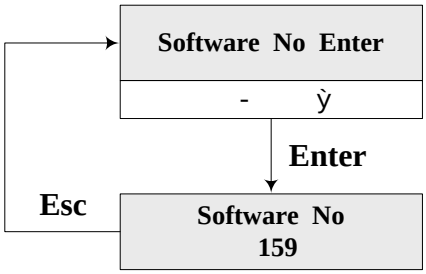
11.


Encoder Apprais Enter
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Esc
Encoder Apprais
050

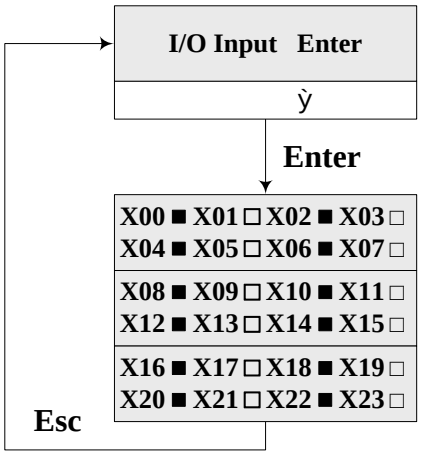
12.


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

13.

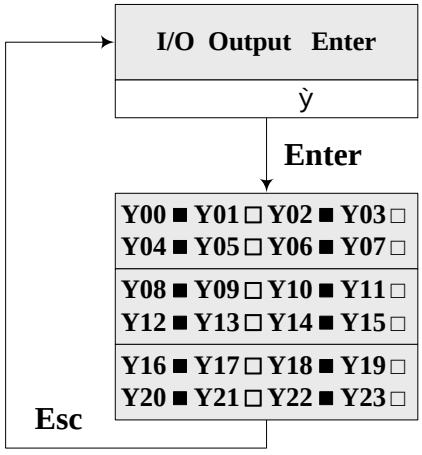

Software No Enter
Enter
Esc
Software No
159

14.


I/O Input Enter
ỳ
Enter
X00 ■ X01 □ X02 ■ X03 □
X04 ■ X05 □ X06 ■ X07 □
X08 ■ X09 □ X10 ■ X11 □
X12 ■ X13 □ X14 ■ X15 □
X16 ■ X17 □ X18 ■ X19 □
X20 ■ X21 □ X22 ■ X23 □
Esc

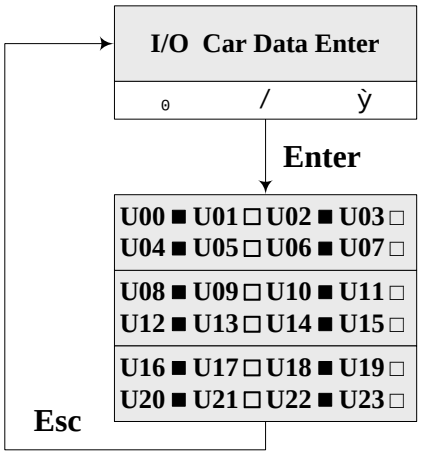
“ ■ ” **1** “ □ ” **0** □ ■

15.


I/O Output Enter
ỳ
Enter
Y00 ■ Y01 □ Y02 ■ Y03 □
Y04 ■ Y05 □ Y06 ■ Y07 □
Y08 ■ Y09 □ Y10 ■ Y11 □
Y12 ■ Y13 □ Y14 ■ Y15 □
Y16 ■ Y17 □ Y18 ■ Y19 □
Y20 ■ Y21 □ Y22 ■ Y23 □
Esc

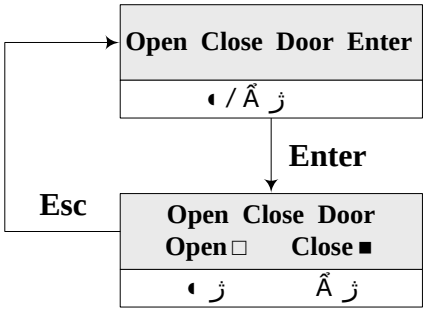
“ ■ ” **1** “ □ ” **0**

16.


I/O Car Data Enter
0 / ỳ
Enter
U00 ■ U01 □ U02 ■ U03 □
U04 ■ U05 □ U06 ■ U07 □
U08 ■ U09 □ U10 ■ U11 □
U12 ■ U13 □ U14 ■ U15 □
U16 ■ U17 □ U18 ■ U19 □
U20 ■ U21 □ U22 ■ U23 □
Esc

5-3-2 13

17. /



“ ■ ”

5.4.

5.4.1.

5-4-1

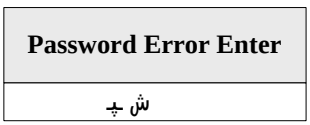
5.4.2.

1.



1

Enter



2 Enter Enter

General Para Enter
̣H

3 Enter

5-4-1

1		Total Floor	——	1 64	
2		Homing Floor	1*	1	
3		Set Time	——		
4		Open Door Time	3s*	0 999s	
5		Open Delay Time	30s*	0 999s	Yes
6		Homing Time	60s*	0 999s	
7					

1.

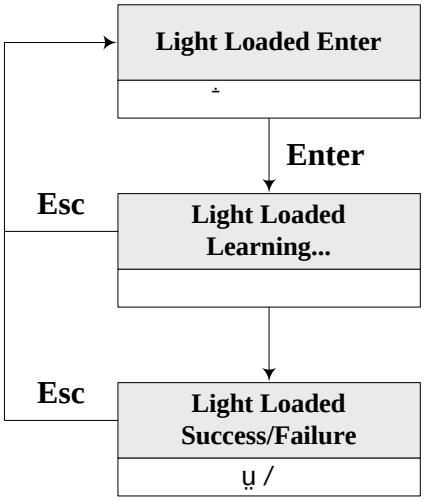
Total Floor 64
?

1

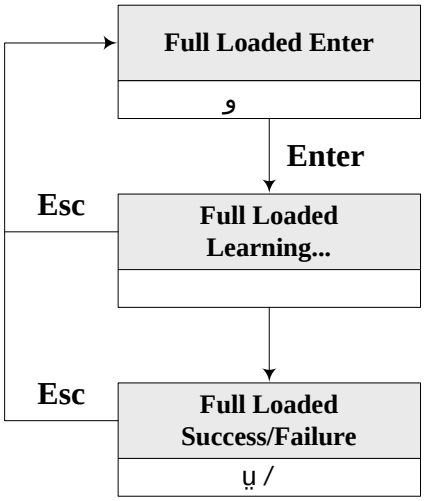
7.

ON





3 “ ”



4 **Wait** **Success** **Failure**

5

SJT-150

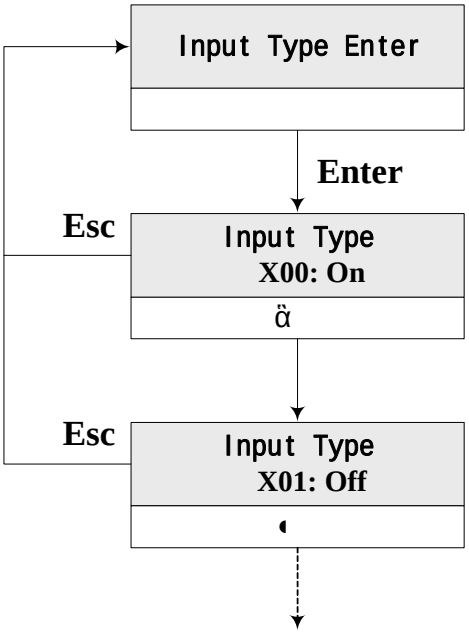
10.


Fire Floor 01

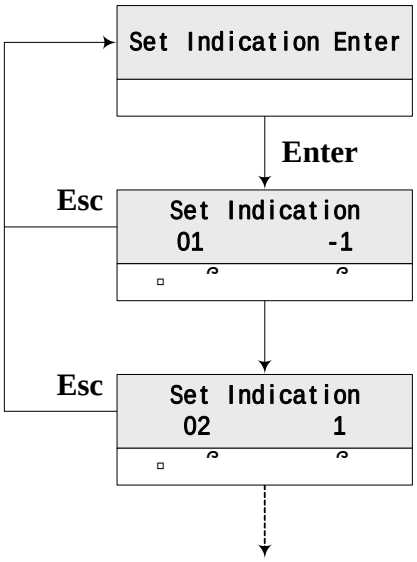
11.


Parking Floor 01

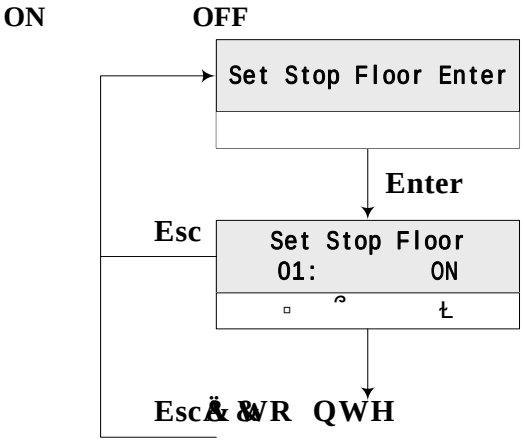
12.

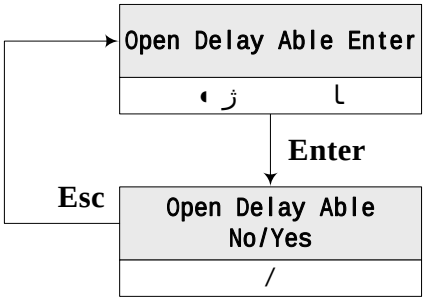

Input Type Enter
Enter
Esc
Input Type
X00: On
Esc
Input Type
X01: Off

14.

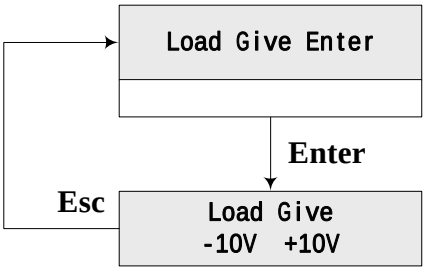

Set Indication Enter
Enter
Esc
Set Indication
01 -1
Esc
Set Indication
02 1

15.

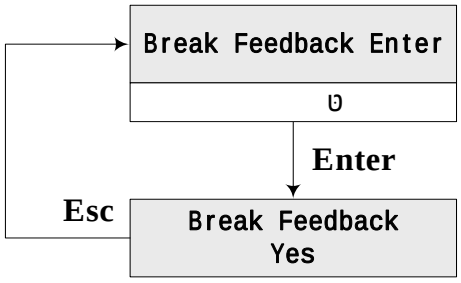

ON
OFF
Set Stop Floor Enter
Enter
Esc
Set Stop Floor
01: ON
EscÄ &WR QWH



17.

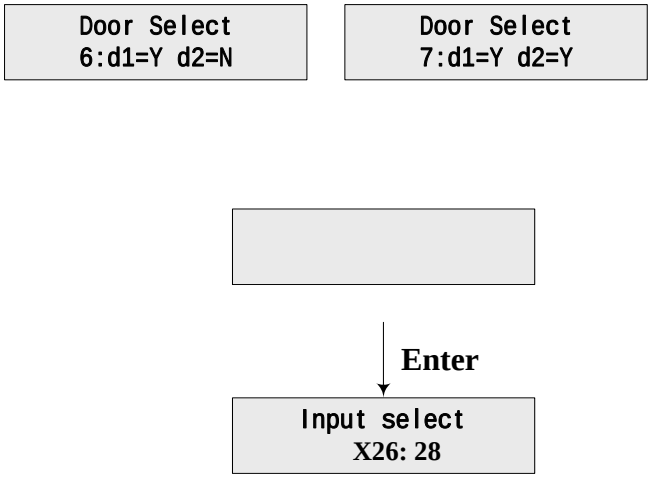


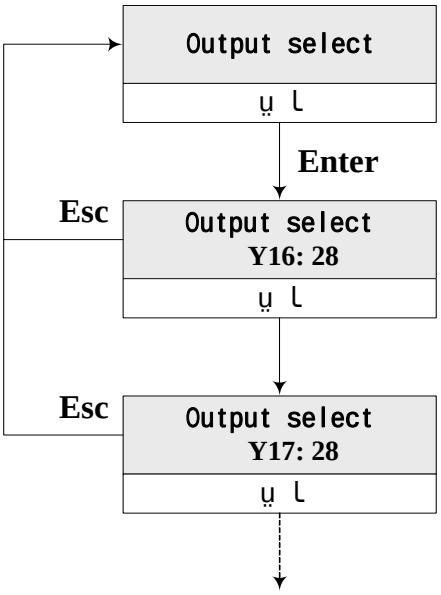
18.



1 **Yes** **No**

2 ώ א ζ


Door Select
6:d1=Y d2=N
Door Select
7:d1=Y d2=Y
Enter
Input select
X26: 28


Output select
Enter
Esc
Output select
Y16: 28
Esc
Output select
Y17: 28

5-4-3-

5.5.

5.5.1.

5-5-1

		Car Speed	1.6m/s	1 2.5m/s	
2		Motor Speed	——		

$$= \frac{\text{ˆḤ} \quad * \quad ; \quad \sqrt{} * 3.14 * \acute{\Omega}}{60 * 1000 *}$$

$$= \frac{1370 * 590 * 3.14 * 2}{60 * 1000 * 1 * 53} = 1.6 \text{ بـ / ڑ}$$

Runing Para Enter

Enter

1.

Car Speed 1.6 m/s

2.

Motor Speed 1470 rpm
ˆḤ

3.

25kHz

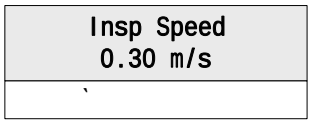
25kHz **6kHz**

Pulses 1024 PPR
ش پ ل

▲

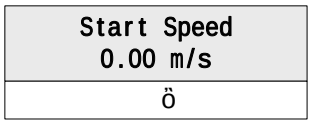
4.

0.6m/s



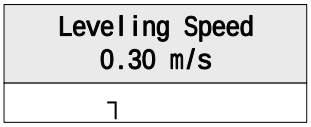
5.

0



6.

0.01 0.6m/s

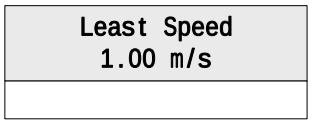


7.

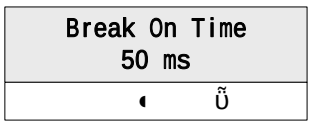
1

2 **1.5m/s**

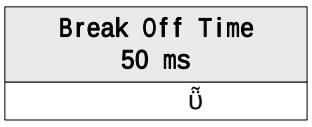
3 **0.8 1.0m/s**



8.



9.



10. **b1**

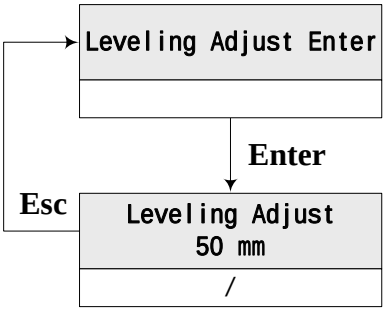


Zero Speed 0005 rpm
L 5 /

Zero Time 210ms
L Ũ

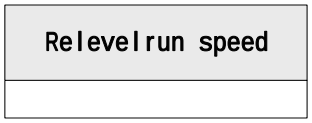
Star speed time
Ö Ũ

50mm

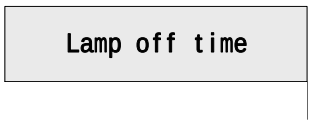


20

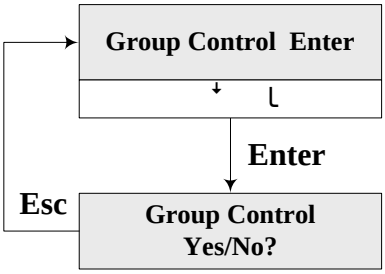
μ Ú 5



24



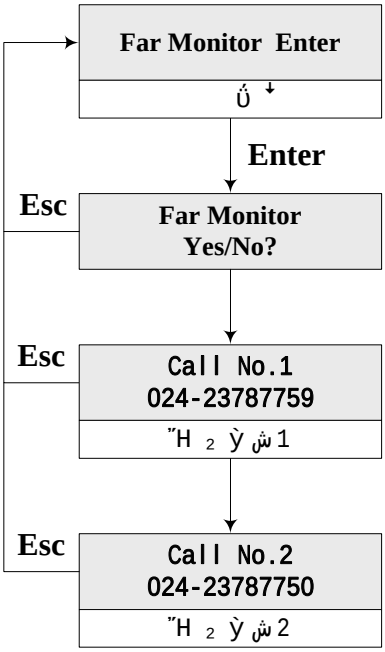
25



5.

Yes

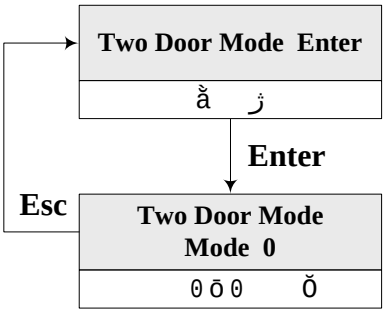
No



Yes

6.

1



n=0

n=1

n=2

n=3

n=4

n=5

2

0 1

2 3 4 5

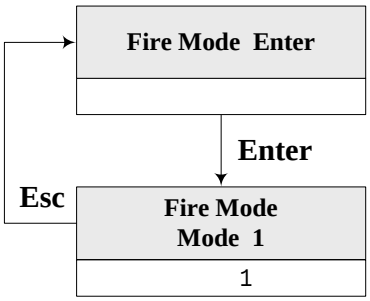
1 32 1 2 32 32
33 64 33 34 64 32

1 1
33
2 1
2
34

0 1 1 N 1 N
2 4 5 N 1 N
1 N 1 N N+1 2N 1
N N+1 2N
6 3 1 6
1 6 N+3=6+3=9
2 3 4 5

7.

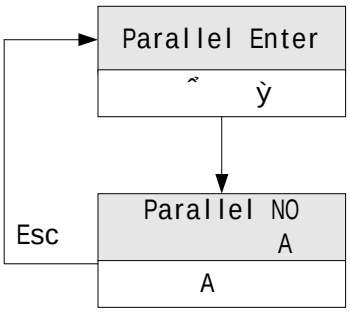
1

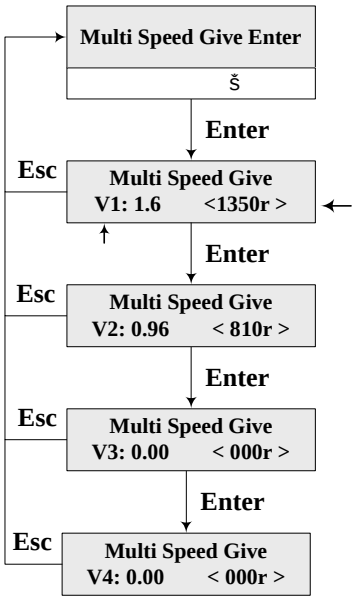


▲ 0

8.

Yes A B


Parallel Enter
Parallel NO
A
Esc
A

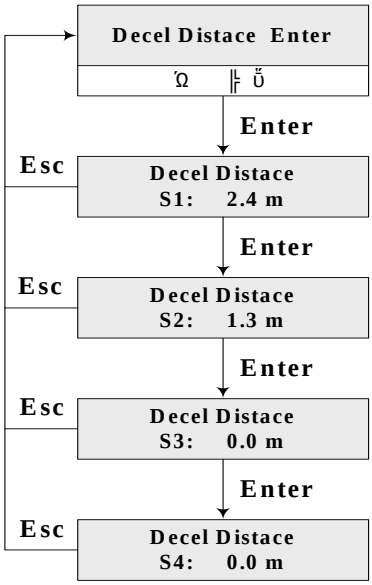


Y15 Y14 Y13

5-6-2-2

	Y15 J7-6	Y14 J7-5	Y13 J7-4

11.

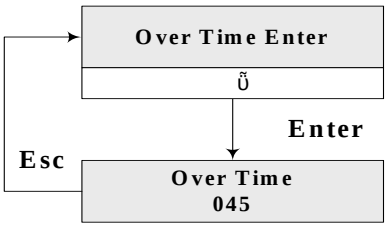


10

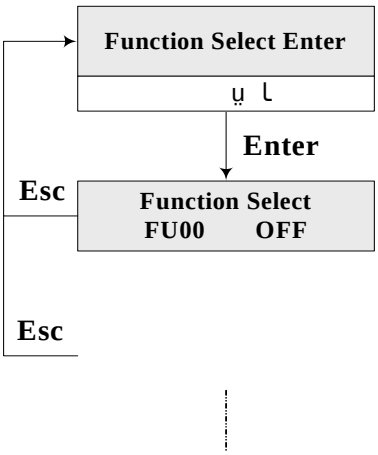
▲ **10** **11** **Yes**

12.

45

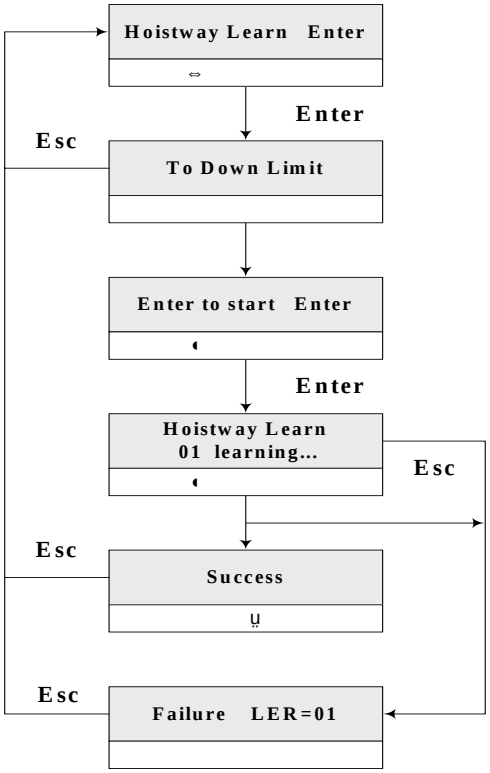


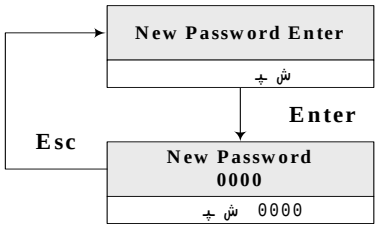
13.


Function Select Enter
Enter
Esc
Function Select
FU00 OFF
Esc

8. **Failure LER=#**

9. **Esc** **LER=15** **Esc**




New Password Enter
ش ـ
Enter
Esc
New Password
0000
ش ـ 0000

BL2000

6.1.

1.

2.
3.

4.
5.

6.

7.

8.
9.
10.
11.

12.

6.2.

1.
2.
∞
3.
4.
5.
▲
6. **BL2000-STB** **J4**

▲
7.
8. **ON**

4.

5. **380±7%VAC** **15VAC** **N**
220±7%VAC

6.

6.3.2.

1. **KXX**

2. **TC1** **±7%**

3.

1	**F4**	**100**	**101**	**110±7%VAC**
		103	**102**	**110±7%VDC**
2	**F5**	**200**	**201**	**220±7%VAC**
3				

6.5.

6.5.1.

1.

1 **“ ”** **“ ”**

2

3

4 **KJT KMB KMC**

“INSP”

5

2.

1

2

A B

3

A B

4 **Er04**

A B

6.5.2.

6.6.

1.

2.

3.

4.

5. **learning…..**

Success

6. **m**

7.

b) **“Success”** **5.7.1**

6.7.

1.

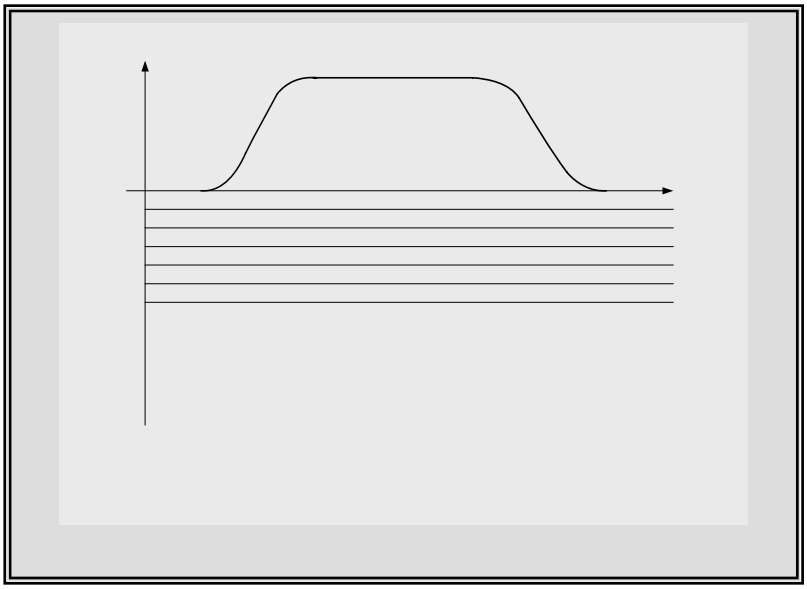
2.

3.

4.

6.8.

6.8.1.



1. S

1 P1

2 b1

3 P2

2. S

1 P3

2 b2

3 P4

6.8.2.

C5-01 **C5-02**

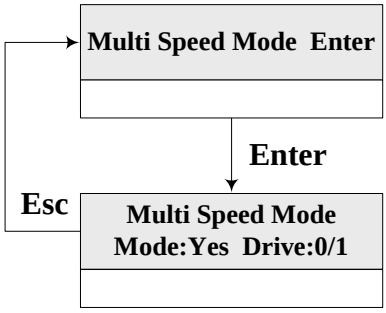
6.8.3.

6-8-1

1.

2.

6.8.4.



1.

Yes

V1 **V4**

m/s **/ rpm**

TD-0.0062 Tc-0.0240 Tw[<1350r >

Multi Speed Give8( )8

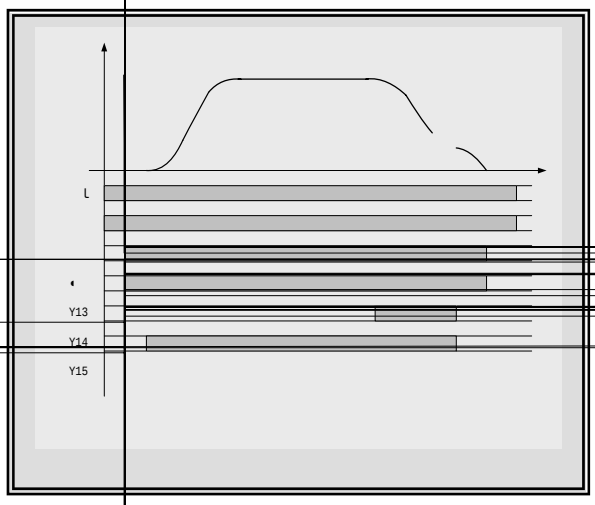
Multi Speed Gi11.2ve Entr

6 6-8-4-5

▲

Y15 Y14 Y13

0



Drive 1

Y0 Y0

6.9.

1.

1

2

3

4

4-3-3-1

5

6

7

8

≤ ±2 3mm

2.

1

2

3

4

3.

1

± 2 3mm

2

, S

,

S 0 S S 0 S

1 3

3

Leveling Adj 50mm

20mm

10mm

6.10.

1.6m/s

1.

2. 0.3m/s

3.

4. 2.5 ± 0.1m

BL2000

7.1.

X1 X2 **Y10**Dz

GND2 N

7.6.

▲

“ U ”

Y4

Y4

U07 U05 “ ■ ”

U06 “ □ ” “ ■ ” U07 “ ■ ”

“ □ ” U07 U06 U06 U0

U06 U07 U06 U07

U06 U07

Input Type

U04 U07

7.7.

Door Run Time

“ ”

U18 U17

U18 “ □ ” “ ■ ” U18

“ ■ ” “ □ ” Input Type

U17 U18 U18

U15

7.8.

J9-8

J9-6 **J9-5**

Input Type **U13** **U14** **U15** **ON**

OFF

7.13. ER14

25KHZ **25KHZ**

▲

$$\frac{\times}{\times \quad \times} \quad KHZ$$

7.14. ER17

X19

7.15. ER18

1 **2**

ER14

7.16. ER19

b1 b2 p1 p2 p3 p4

▲ **×2 0.15** <

7.17. ER25

X21

X21

7.18. ER26

GB7588-2003 **BL2000**

LED X23

LED X23 X23

7.19. ER27

X13 X22 X22 X23

LED X13 LED X22 LED X13 LED X22

LED X22

1.

1 616G5 676GL5-JJ

1

2

3 +

Eó # ÂE› û Ê,X | 0EÝ ½

2 G7A

1

2 **“** **”** **A1-02=3**

3 **“** **”** **A1-03=2220**

4 **+**

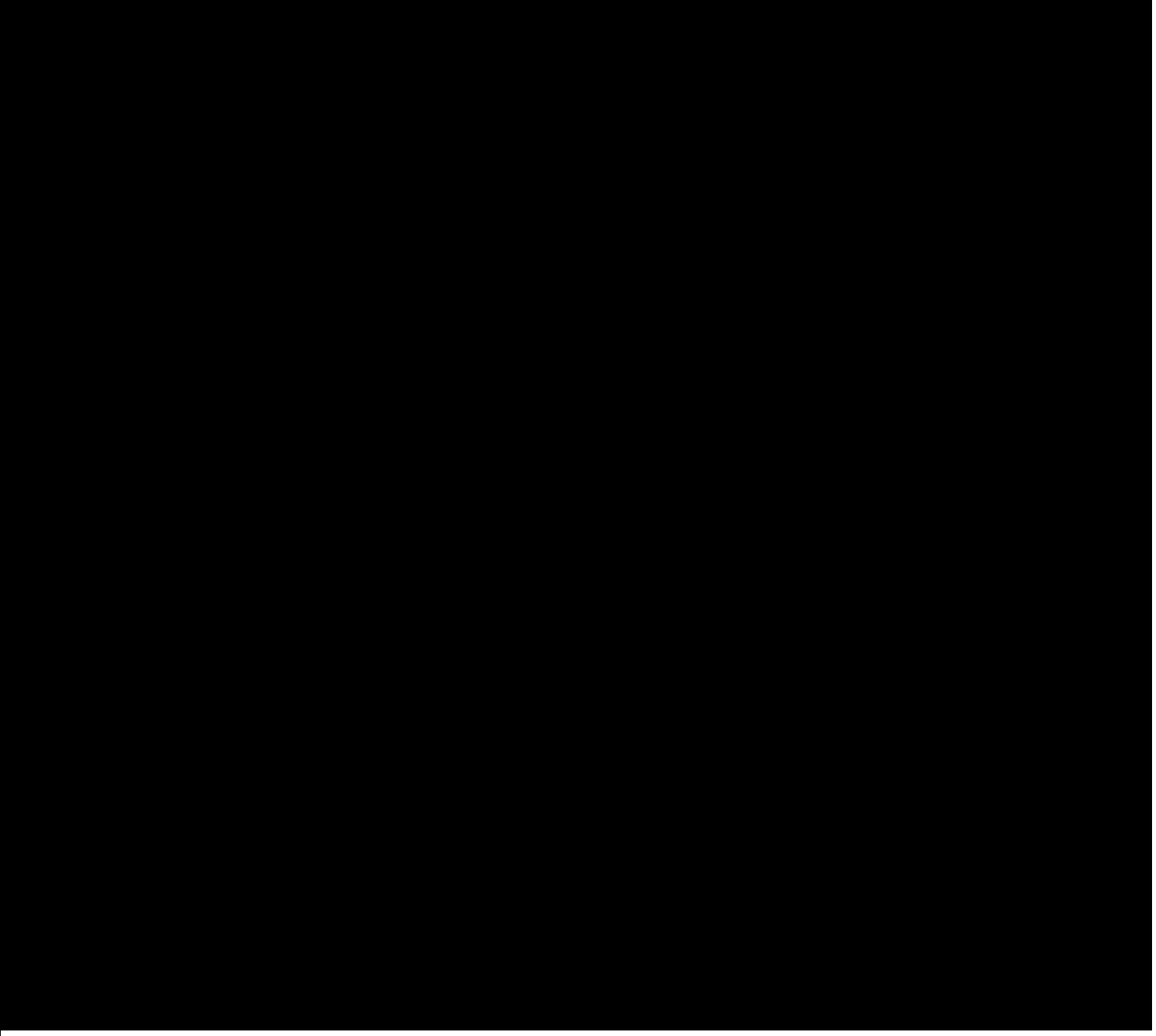
		8	.
		0	
			A
		0	
		0	

1 2 , (P04=1 15 , P04=1
15)
, end
0FF, , (P06)

6

1

1



11 P1 Speed reg gains

SpdP1 gain%	20%	
Spdl1 gain%	3.3%	
SpdP2 gain%	20%	
Spdl2 gain%	5%	
Spdl3 gain%	12%	
Sped 0 enable	2(Enable as start)	
Sped 0 P gain%	19%	
Sped 0 I gain%	20%	
Prop fllter		

12 Speed threshold

Spd 0 ref thr	1rpm	
Spd 0 ref delay	3000ms	
Spd 0 speed thr	1rpm	
Spd 0 spd delay	3000ms	
SGP tran21 h thr	94%	
SGP tran32 l thr	5%	
SGP tran21 band	4%	
SGP tran 32 band	4%	

13 PI Speed regulator

P SpdP base value	50A/rpm	
I SpdI base value	8000A/rpm	

14

TRAVEL\Ramp function		
TRAVEL\Ramp setpoint		
TRAVEL\ Speed setpoint		

*

7 WVF5 L7B

“ ”

“ ”

3

E2-02		*	
E2-03		*	35%-40%
E2-04		*	
E2-11		*	
F1-01	PG	*	
F1-03		0	
F1-04		0	
F1-08		105	
F1-09		1	
F1-10		30	
F1-11		1.0	
H1-01	S3	24	1
H1-02	S4	14	2
H1-03	S5	3	3
H1-04	S6	4	4
H1-05	S7	5	5
H2-01	M1-M2	37	
H3-15	A1	1	
H3-16	A1	120%	
H3-17	A1		

2.

1 676GL5-IP

1

2

3

“ ”

[redacted]

676GL5-IP			

▲ !

2 F4 KEB 3.0

1

2

3 F5 KEB

1

2

CP.0	Password( )	1000 2000	
CP.1	PM Rated Current( )	0617	
CP.2	PM Rated Speed( )	0618	
CP.3	PM Rated Frequency( )	0619	
CP.4	PM EMK Voltage Constant( )	061A	
CP.5	PM Rated Torque	061B	
CP.6	PM Winding Resistance( )	061E	
CP.7	PM Winding Inductance( )	061F	
CP.8	PM Torque Limit( )	0621	
CP.9	Motor Adaption( )	090A	
CP.10	abs. torque ref( )	0F13	
CP.11	Speed V1(1)	0P03	
CP.12	Speed V2(2)	0P03	
CP.13	Speed V3(3)	0P03	
CP.14	Speed V4(4)	0P03	

CP.15	Speed V5 5)	0P03	
CP.16	Speed V6(6)	0P03	
CP.17	Speed V7(7)	0P03	
CP.18	S-Curve Time acc(S)	0P32	2.10S
CP.19	Acceleration Time( )	0P28	2.70S
CP.20	S-Curve Time dec(S)	0P34	2.10
CP.21	Deceleration Time	0P30	2.70S
CP.22	Premagnetizing Time( )	0423	1S
CP.23	Brake Release Time( )	0424	0.15S
CP.24	Brake Engage Time( )	0428	0.30S
CP.25	Switching Frequency( )	050B	4KHZ
CP.26	Encoder Pulse Number( )	1001	2048Inc
CP.27	Encoder Track Change( )	1006	0:OFF
CP.28	System Position( )	1002	2206
CP.29	KP Speed( )	0F06	2000
CP.30	KI Speed( )	0F09	1500
CP.31	KI Speed-Offset( )	0F0A	3500
CP.32	KP Current ( )	1100	
CP.33	KI Current( )	1101	
	Indication Parameters only( )		
CP.34	Actual Speed(min^{-1})	0209	
CP.35	Apparent Current(A)( )	020F	
CP.36	Inverter State Start Display( )	0200	

AN0		0	0 10V
AN1		1	2
AN2		0	
AN4		0%	
AN5	1	1	
AN6	X	0	
AN7	Y	0	
0P.00		0	
		2	

3 KEB F5

1 CP.00 200 “Enter”

2

CP.01 “Enter”

CP.02 “Enter”

CP.03 “Enter”

CP.04 “Enter”

CP.05 “Enter”

CP.06 “Enter”

CP.07 “Enter”

3

CP.09 “1” “Enter”

4 CP.26 “Enter”

5

CP.28 “2206” “Enter”

6 “ ”

7 CP.35 CP.35 “0” 30s

8 “ ”

“E.Enc”

1 U V W U V W

2 CP.26

3

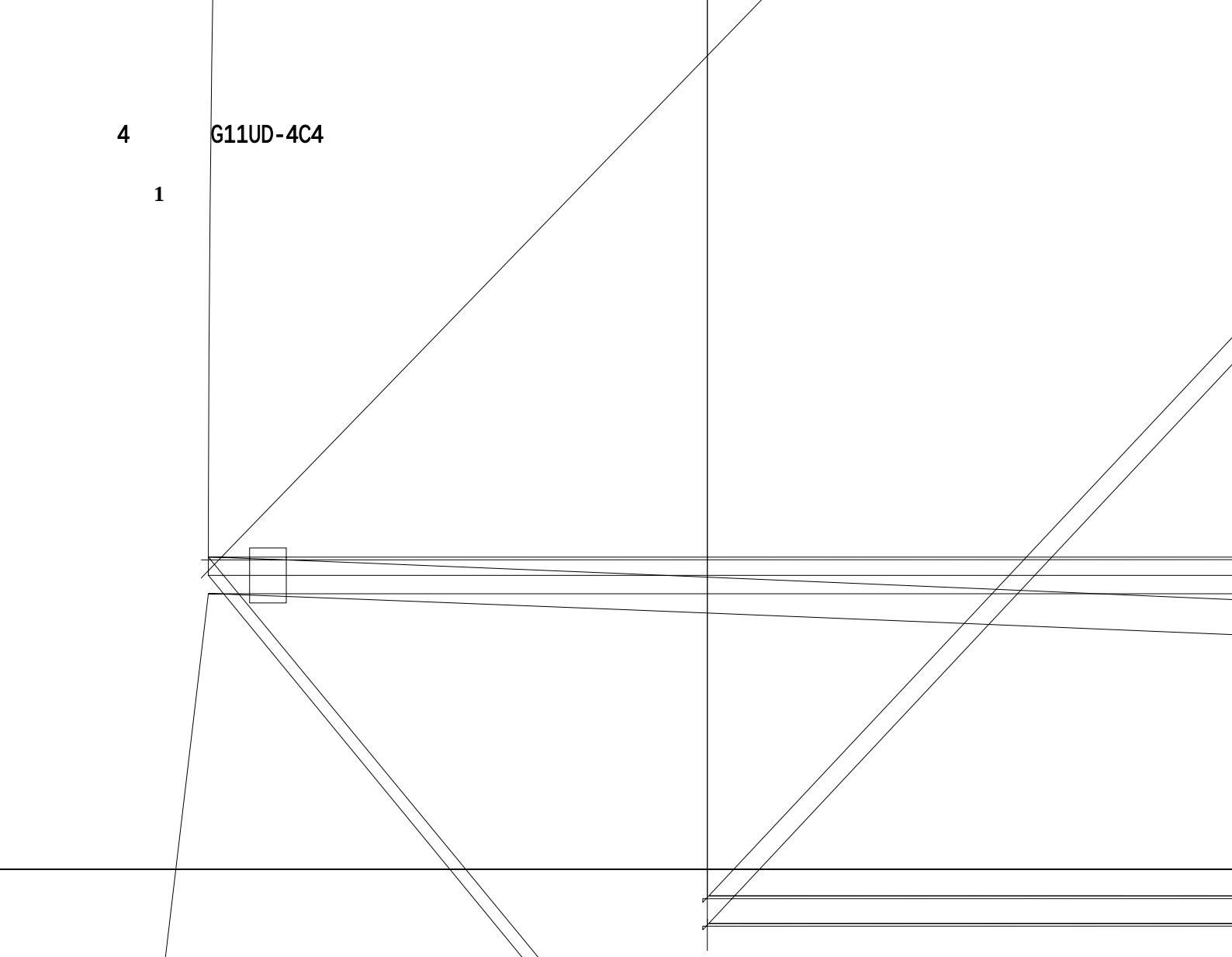
5 8

9 CP.11 CP.17 “ ”

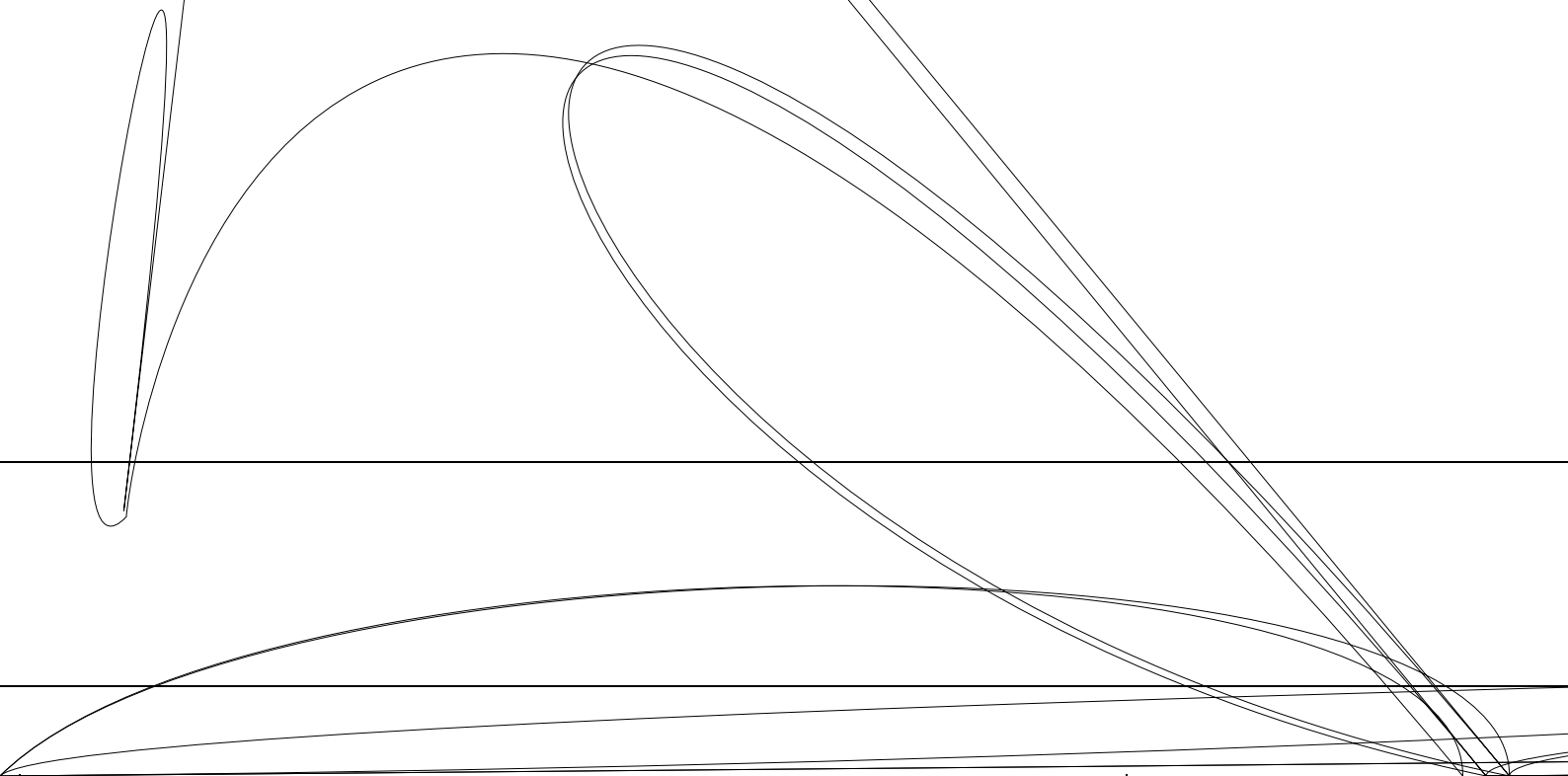
10 CP.00 “100” “Enter” CP

4 G11UD-4C4

1



2 я G11UD î)



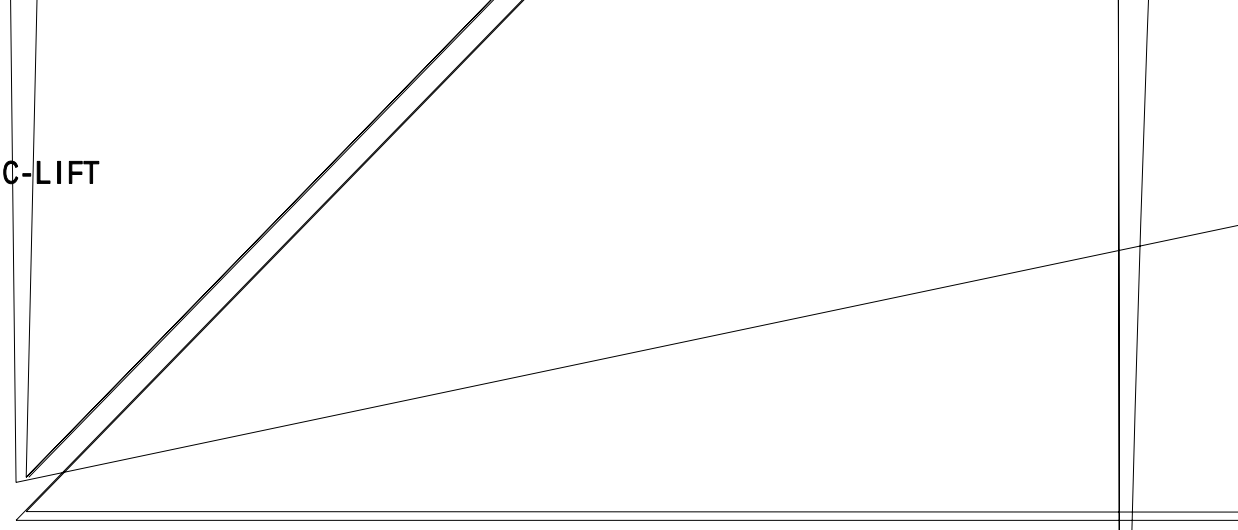
F27		0	
F36	30Ry	0	
F40	1	200	
F41	1	200	
E01	X1	0	
E02	X2	1	
E03	X3	2	
E05	X5	7	
E09	X9	9 4	7.5KW 4 11KW 9
E10	2	3.5s	
E11	2	2.5s	
E12	3	3.5s	
E13	3	2.0s	
E14	4	11s	
E20	Y1	0	
E46		1	
C05	1	2.5 Hz	
C06	2	2.5 Hz	
C07	3	1.5 Hz	
C08	4	*	V4
C09	5	*	1 V3
C10	6	*	2 V2
C11	7	*	V1

008	ASR P 2	5	
009	ASR P ( )	10	
010		0.005S	
011		1.0	
013	S 1	20	S
014	S 2	20	1 V3 V4 S
015	S 3	20	1 V3 V4 S
016	S 4	20	S
017	S 5	20	S
018	S 6	20	S
019	S 7	16	S
020	S 8	18	S
021	S 9	30	
022	S 10	30	
024		0.2S	
035		50%	
036		50%	
037		0.0	
038		0.3	
053		0~360	

1. P04=3 DATA
2. U V W U V W
3. 5 053 20
4. 0.5A
5.
6. “OS” PG

5 FRENIC-LIFT

(1)



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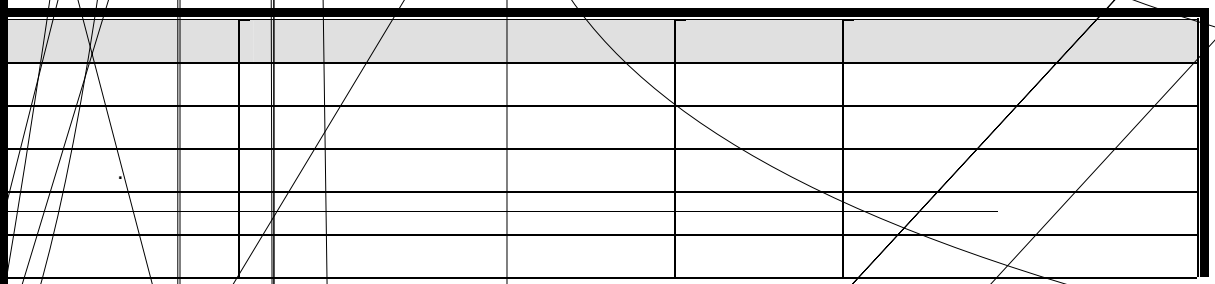
×

CT

2 #0.00=1255

3 #0.00=1253 #0.48 SErUO

4

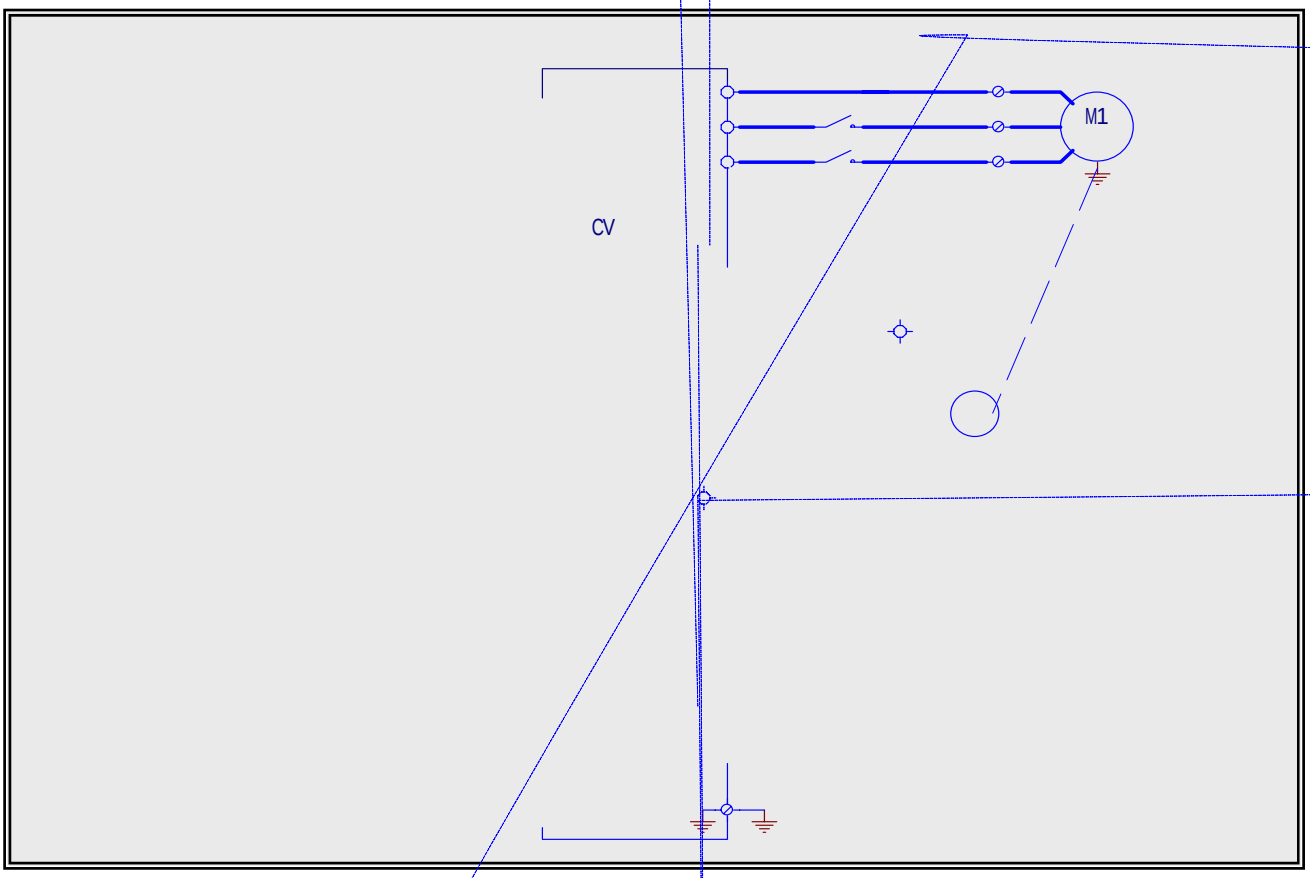


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8.

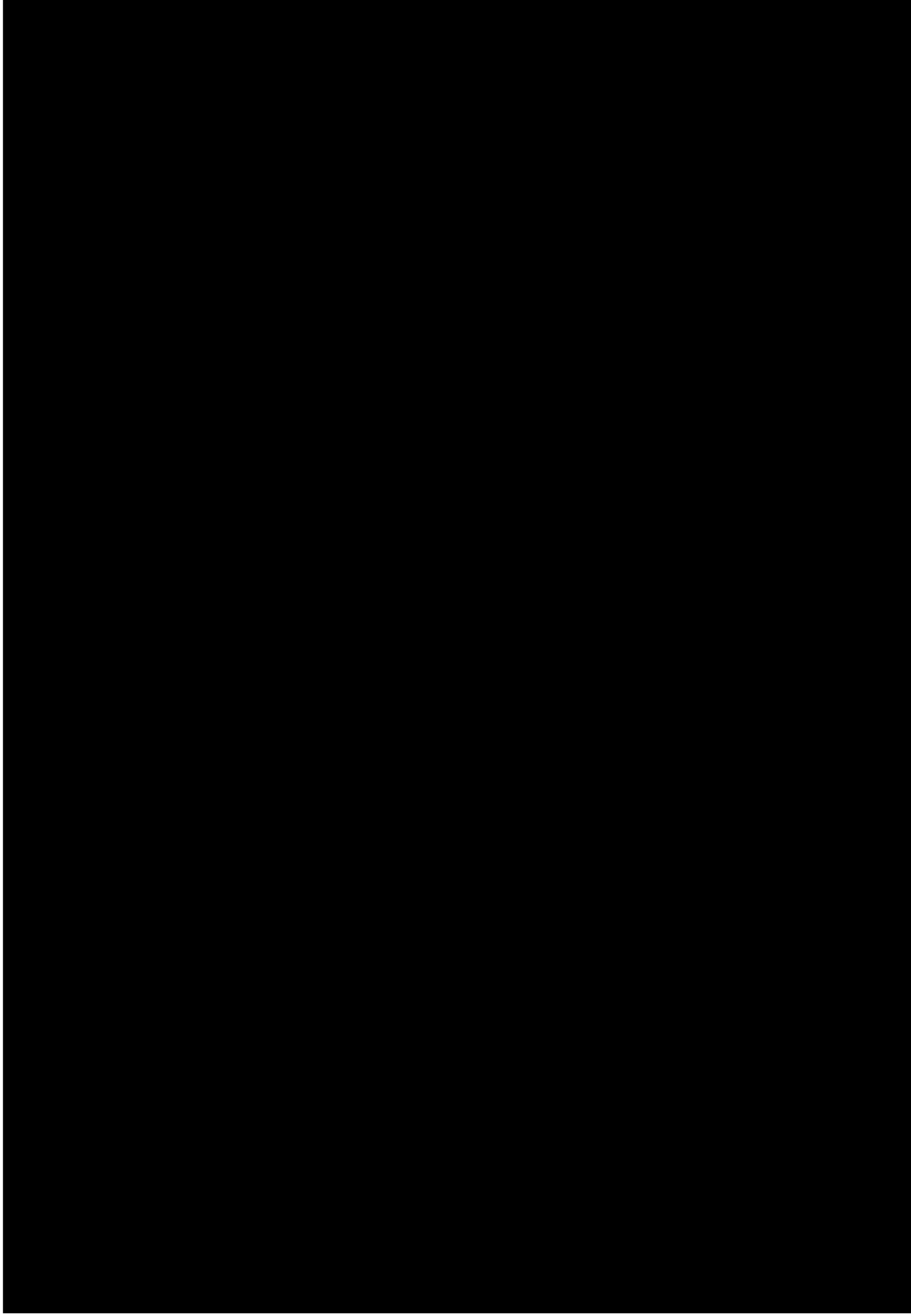
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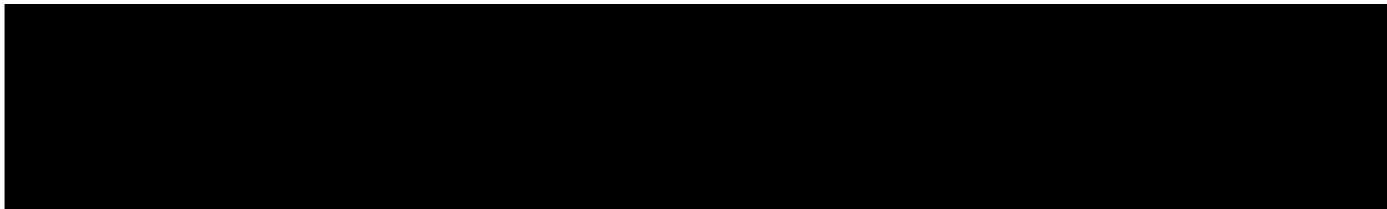


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	38	37	36	

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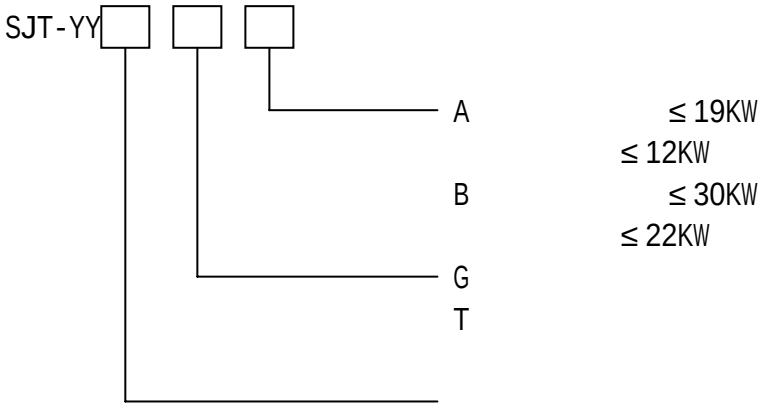
10 L7B

±

×

4 SJT-YY

SJT – YY



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1
2

3
4
5 ± 15㎜
6
7

SJT-WVF5 1

1

PS1 PS2		CN1-1 CN1-12	PS1 PS2 AC220V ± 15% 50HZ 2㎜²
Y5		CN1-6	DC192V

œ

AC22 2 PS1 ¥ Ï PS1 PS

1-12 1-12

F2 F1 F2 F3 **F4**

CN1

BS+ BS- **676GL5-JJ**

Varispeed-L7B **P0 N0** **P0 N0**

CN1 F1 F3 F4 F2

UPS

1

2 F3 F4 BS+ BS- DC192V

F1

3 F1

4 F2 UPS ON

5 DC192V

6

1 AC220V±15 50HZ ± 10%

2 DC192V

AC220V 50HZ $I_{ed} \leq 3A$

DC110V $I_{ed} \leq 3A$

3 0 40

4 20 90

5 ±15mm

6 A ≤ 19KW ≤ 12KW

B ≤ 30KW ≤ 22KW

7. ≤ 2min

8.

YB 840*240*450

YC 574*180*721

1

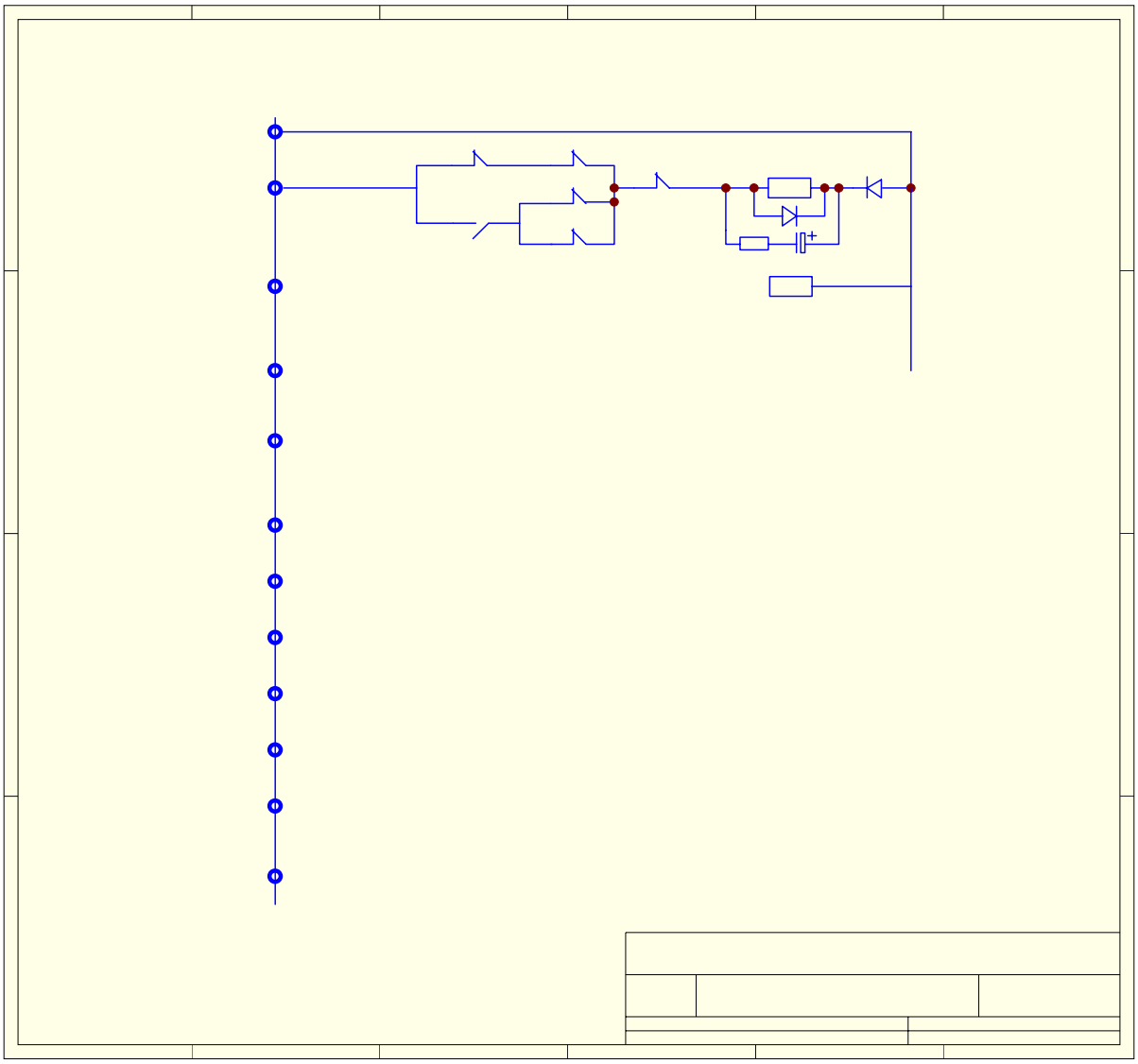
2 F1-1 BS- DC192V

3 50%

25	6
30	4
40	2

5 /

1 SJT-ZPC-V2



5

6

6 1 /