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4 PARAMETER NEED TO SET BEFORE INSPECA98 0 0 7.98 2674..... 1T7ED 14

1 BL6-B Series Integrated Controller Model & Specifications

1.1 Model description

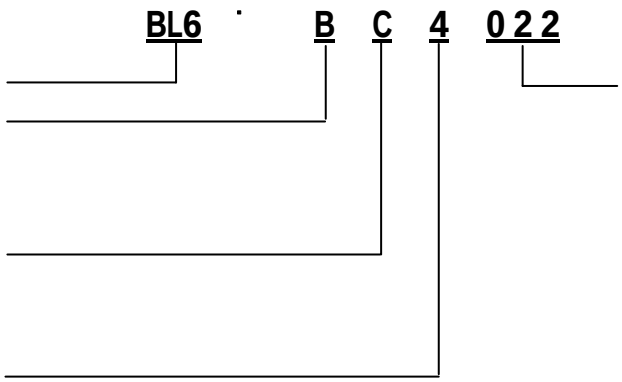


FIGURE 1 MODEL DESCRIPTION DIAGRAM

1.2 Specifications

CHART 1 SPECIFICATIONS

MODEL BL6¨ BǴ40ǴǴ

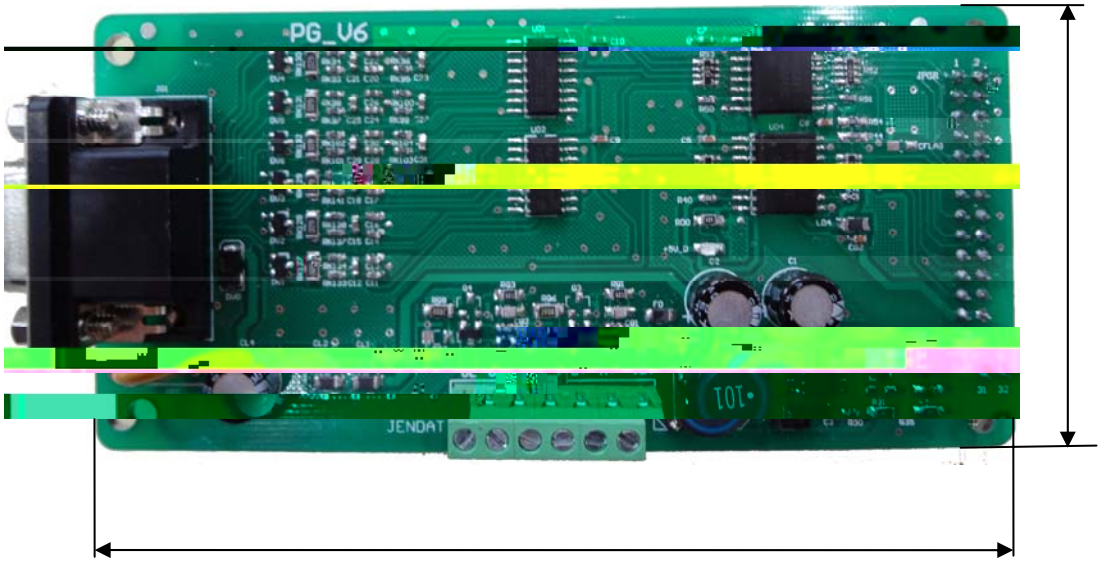
DRIVE CONTROL FEATURES	TORQUE ACCURACY	
	FREQUENCY CONTROL RANGE	
	FREQUENCY ACCURACY	° °
	F	

2 BL6-B Series Integrated Controller Main Board Terminals



3 PG Card Terminals & Assemblage

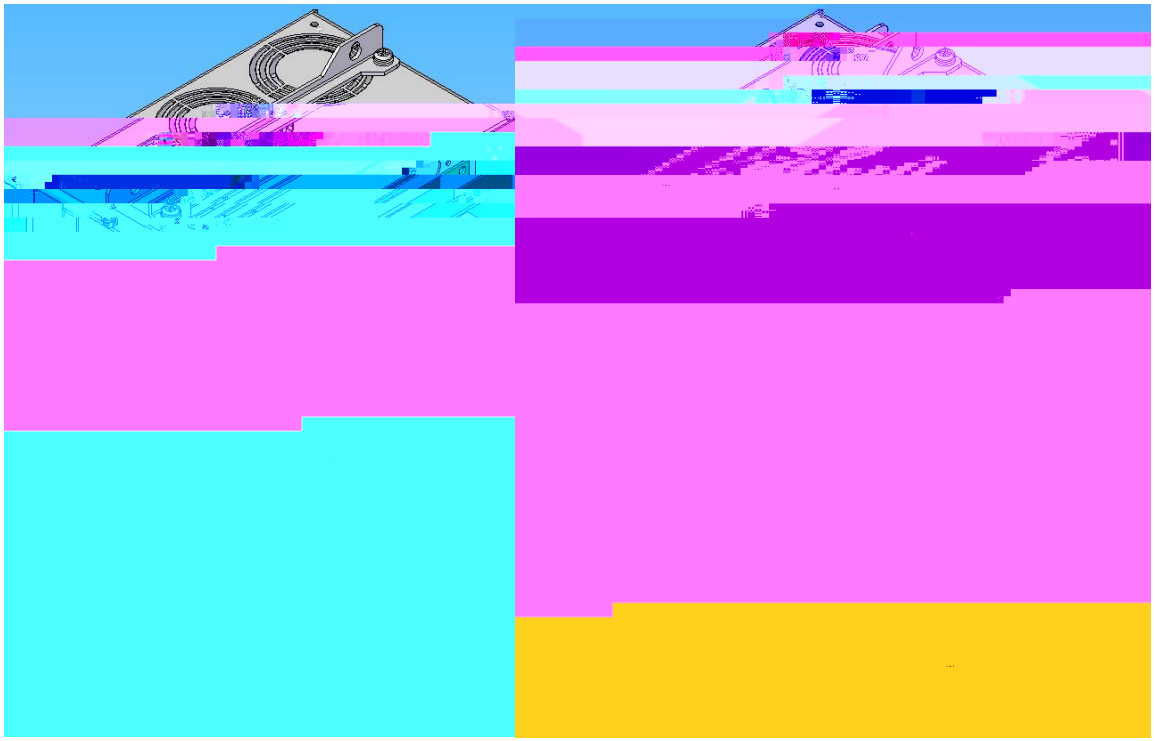
3.1 PG_V6



PG-V6 Card Port definition and Function

Port No.	Terminal Symbol	Location	Definition	Usage	Interface Tech Spec			
					Interface Type	Rated Capacity	On/off Time	Max Speed
JENDATA` short for JEN`								
JG1								

3.4 BL-U Series Integrated Controller PG Card Assemblage





4 Parameter Need to set before Inspection Run

Parameter List			Setup Method	
	Parameter No.	Name	Use BL Sync-machine	Use Non-BL Sync-machine
Automatic Generate	F5-00			0
	F5-01			
	F5-02			
	F5-03			
	F5-04			
	F5-08			
	F8-00			
	F8-02			
Manual Input based on Site Condition	F1-00			
	F1-01			
	F5-09			
	F5-10			

Motor parameters automatically generated:

5 Motor Initial Angle Tuning (Only for Synchronous Machine)

Motor Initial

Angle Tuning with no load

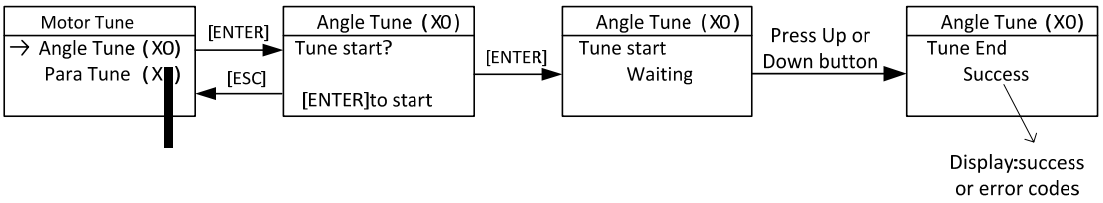
Motor Initial Angle Tuning with loa

5.1 Motor Initial Angle Tuning with no load

1)

2)

3)



Motor initial tuning with no load (Do not attach steel ropes) sketch

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Motor Initial Angle Rotation Tuning Fault List (without load)

Error Code	Definition	Possible Causes	Possible Solution

Motor Initial Angle Rotation Tuning Fault List (without load)(cont'd)

Error Code	Definition	Possible Causes	Possible Solution

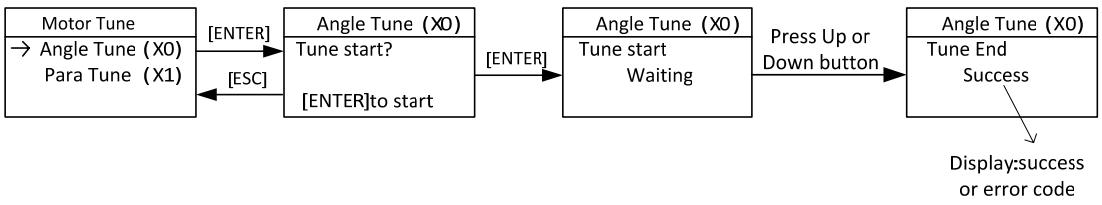
5.2 Motor Initial Angle Tuning with load

1)

2)

3) All mechanical faults in hoistway are eliminated!

5.2.1 Motor Initial Angle Tuning With Digital Operator



Motor initial tuning with load (attach steel ropes) sketch

5.2.2 Motor Initial Angle Tuning With digital tubes and operation keys on the upper left of main board

5.2.3 Please note the following items at Motor initial Angle tuning with load (attach steel ropes):

1) To ensure safety, during tuning process, people are not allowed to stay in car/hoistway.

Except fault or error exists!

Motor initial Angle tuning with load (attach steel ropes) error code:

Error Code	Definition	Possible Causes	Possible Solution

[redacted]

F5-10

6.4 Elevator System Confirmation

6.4.1 Time Setup Parameters

Para No.	Display (In Chinese) / Display (In English)	Content	Range	Factory Setting	Unit	Live Chang	Ref Page
F2-00	ŋ⁄ı						
F2-01							

F2-02	g						

8 Hoistway Parameter Learning

Parameters need to set before hoistway parameter learning

Para No.	Name	Setup Method

8.1

		▲

9 Start-up comfort level adjustment

9.1 Comfort level adjustment with weighing device

make sure the weighing device is tuned and it can respond the correct cabin load situation.

Adjustment method:

2) Adjustment method for elevator starting without load compensation:

a)

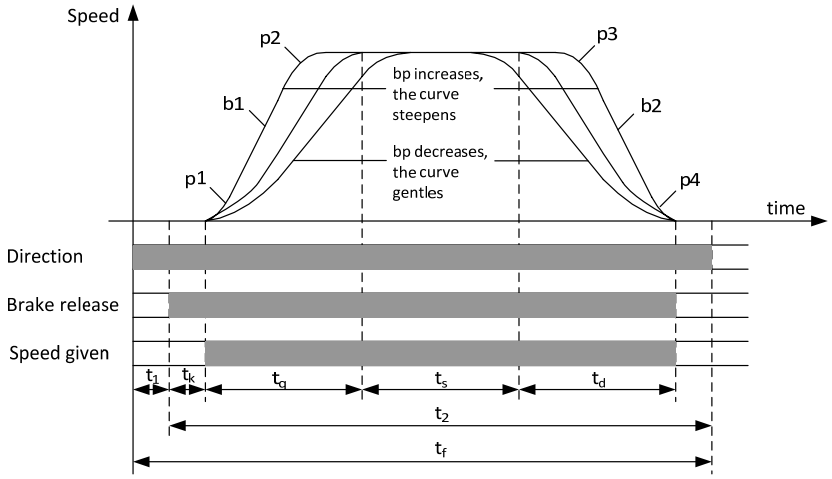
FA-08 and FA-11:

Note:

1)

2)

10 Elevator normal speed comfort level adjustment



Elevator running speed curve graphic

Note: In the guarantee of elevator operation efficiency, adjust the 6 parameters of curve slope appropriately to obtain best elevator operation curve when debugging in the actual situation.

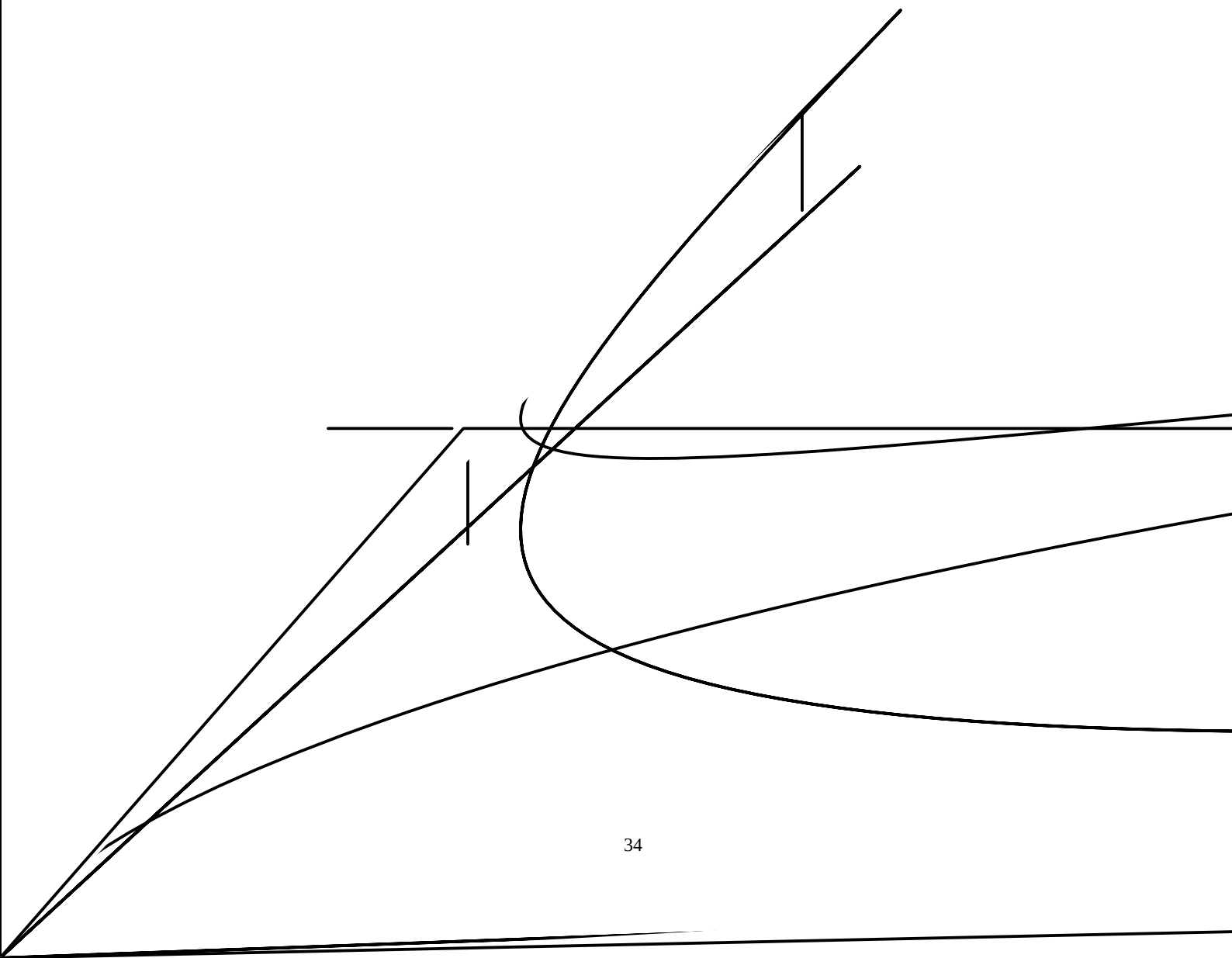
F6-04 **F6-05 or F7-05~F7-12**

11 Leveling Precision Adjustment

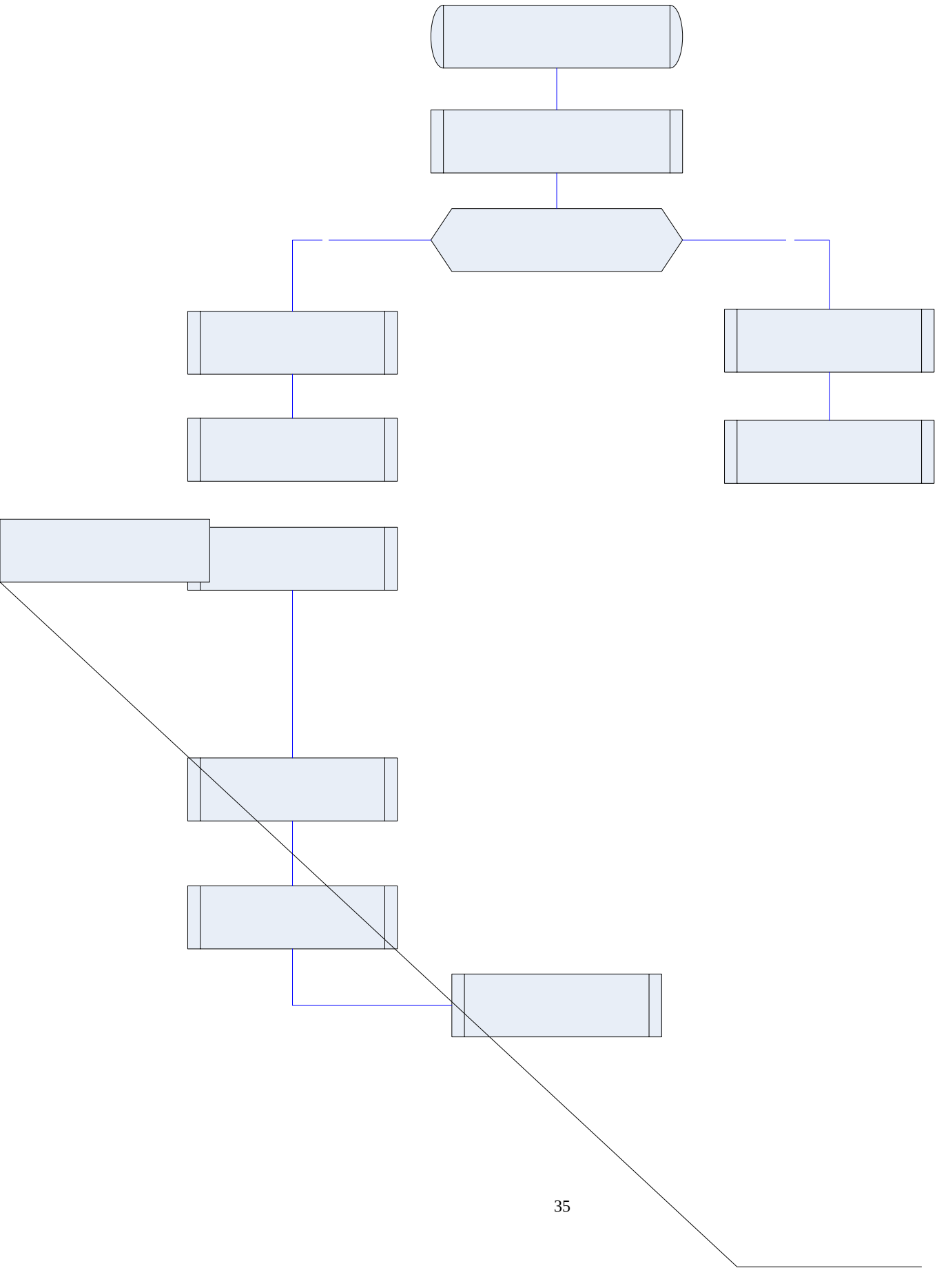
11.1 Basic Conditions for Elevator Leveling

≤

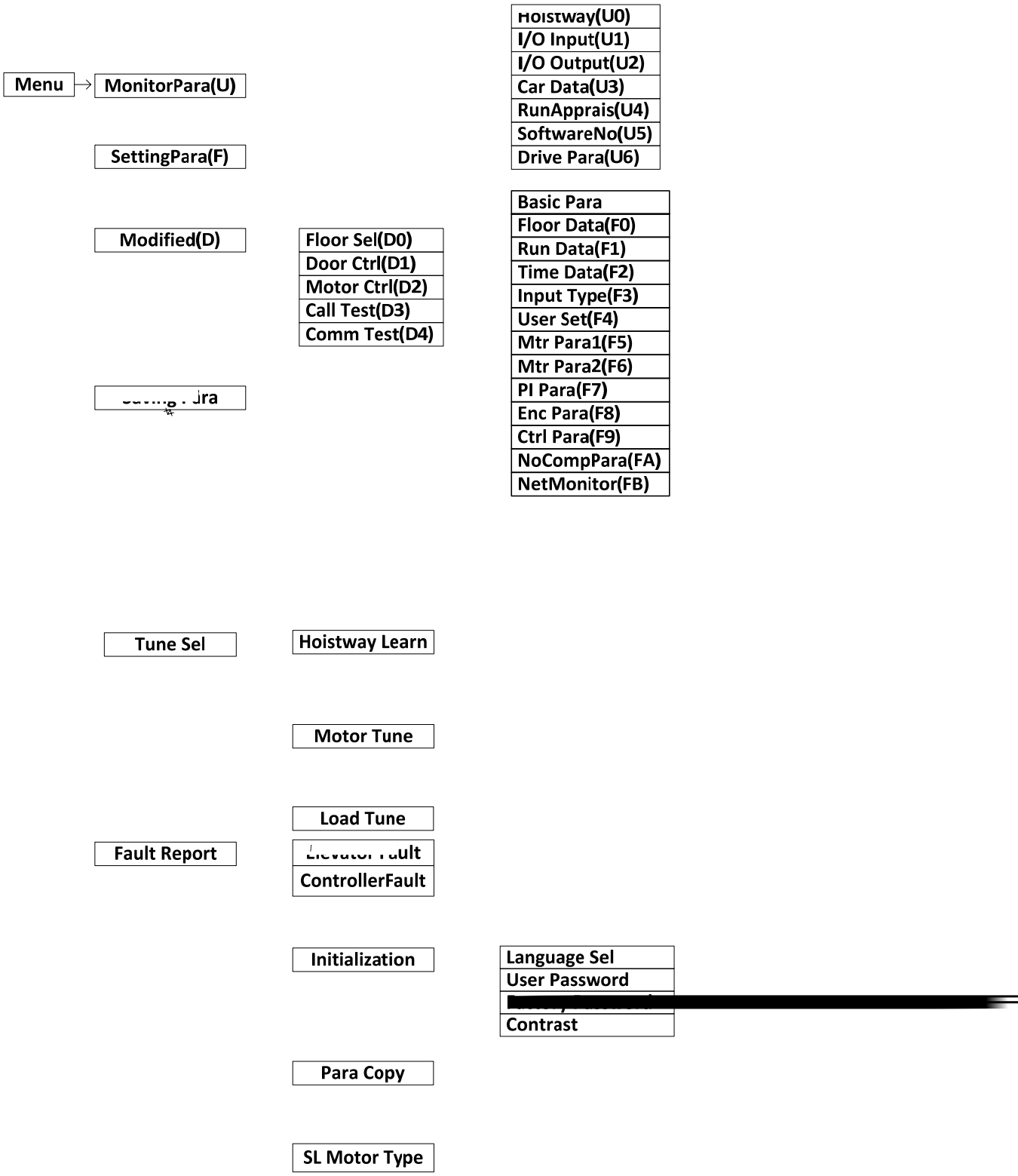
11.2 Leveling Parameter Adjustment



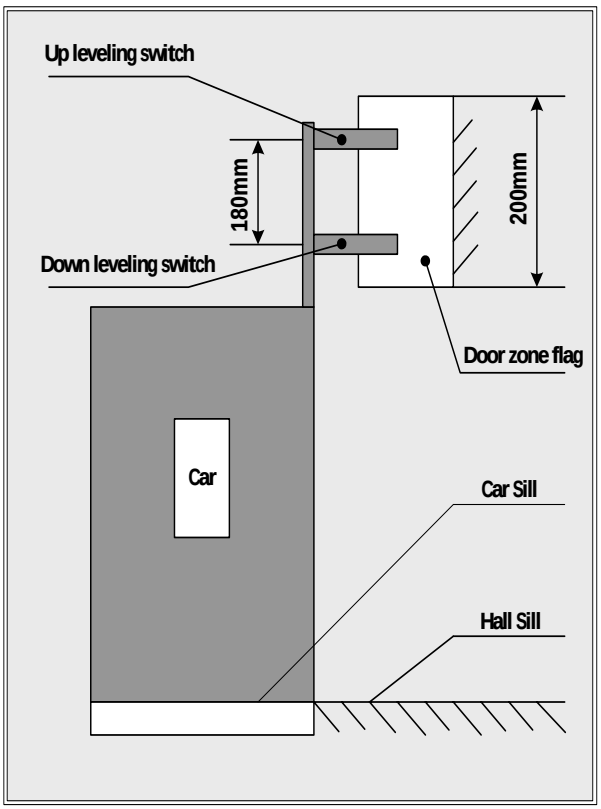
Appendix I BL-B Series Integrated Controller Test Commissioning



Appendix II BL-U Series Integrated Controller Operator Menu



Appendix III Leveling Switches & Flag Installation



Door zone flag & Leveling Switch Position

1.

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2.

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3.

4.

Appendix IV Parameters

U0 Monitoring Parameters

Para No.	Display (In Chinese) / Display (In English)	Content	Unit	Ref Page
U0-00	Ю Æ 2			--
U0-01	Э Æ 2			--

U1~U5 Monitoring Parameters (Cont'd)

Para No.	Display (In Chinese) / Display (In English)	Content	Unit	Ref Page
U4-01			Hour	--

U6 Drive Monitoring Parameters List

Para No.	Display (In Chinese) / Display (In English)	Content	Unit
U6-00			
U6-01			
U6-02			
U6-03			
U6-04			
U6-05			

Building Setup Parameters List

Para No.	Display (In Chinese) / Display (In English)	Content	Range	Factory Setting	Unit	Live Change
F0-00						
F0-01						
F0-02						
F0-03						
F0-04						
F0-05 ... F0-68						

Running Setup Parameters List (Cont'd)

Para No.	Display (In Chinese) / Display (In English)	Content	Range	Factory Setting	Unit	Live Change
F1-16	ḣ					
F1-17						
F1-18						
F1-21	╟					
F1-22						
F1-23						
F1-24	/ſ					
F1-25	G					
F1-26	G					
F1-27	G	' '				
F1-28	╟ ˜Ω G					
F1-29	G					
F1-30	G					
F1-31	√ G					
F1-32						

Time Setup Parameters List (Cont'd)

Para No.	Display (In Chinese)	Content	Range	Factory Setting	Unit	Live Change

Service Setup Parameters List

Para No.	Display (In Chinese) / Display (In English)	Content	Range	Factory Setting	Live Change
F4-00	a ṃ				
F4-01	a ṃ				
F4-02	↑ a ṃ				
F4-03	↑ a ṃ				
F4-04	ṃ				
F4-05	∧				
F4-06	ℸ				
F4-07	ℸ				

Special Function List

Number	Instruction
F4-06-00	
F4-06-01	
F4-06-02	
F4-06-03	
F4-06-04	

Special Function List (Cont'd)

Number	Instruction
F4-06-11	

Special Function List (Cont'd)

Number	Instruction

Special Function List (Cont'd)

Number	Instruction
F4-07-21	
F4-07-22	
F4-07-23	
F4-07-24	
F4-07-25	
F4-07-26	
F4-07-27	
F4-07-28	
F4-07-29	
F4-07-30	
F4-07-31	

Motor Setup Parameters List

Para No.	Display (In Chinese) Display (In English)	Content	Range	Factory Setting	Unit	Live Chang
F5-00	صر		.			
F5-01						

لـ

F5-02

Multiple PI Setup Parameters List

Para No.	Display (In Chinese)	Content	Range	Factory

Encoder Setup Parameters List

Control Setup Parameters List

Para No.	Display (In Chinese) / Display (In English)	Content	Range	Factory Setting	Unit	Live Chang
F9-00						

Special Parameters List

Para No.	Display (In Chinese) Display (In English)	Content	Range	Factory Setting	Live Chang
FC-00	ă				
FC -07	R	MODIFY WITH CAUTION!			
FC -08		MODIFY WITH CAUTION!			
FC-13					
FC-14	G				
FC-15	] Æ G				
FC-16	ą /! J				

Environment Setup Parameters List

Para No.	Display (In Chinese)	Content	Range	Factory Setting	Live Chan g

Appendix V Elevator System Faults

Error Code	Definition	Possible Solution

Elevator System Fault List (Cont'd)

Appendix VII Menu operation processes with Digital tubes & operation keys

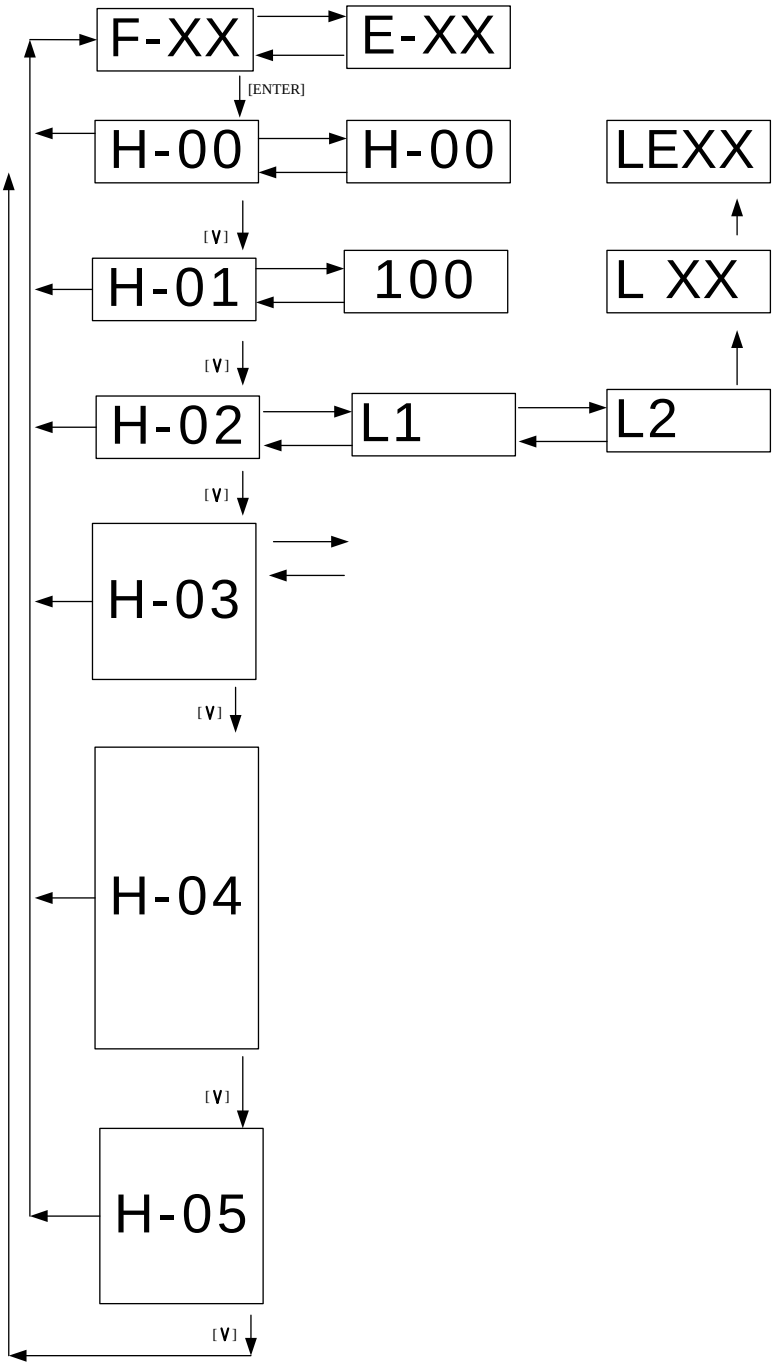
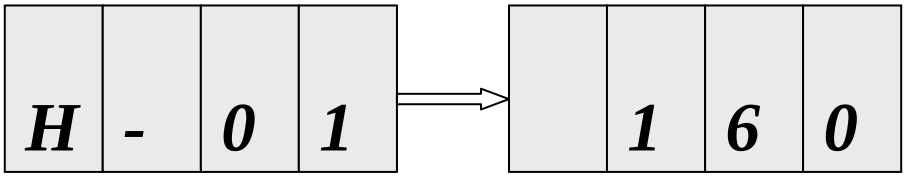
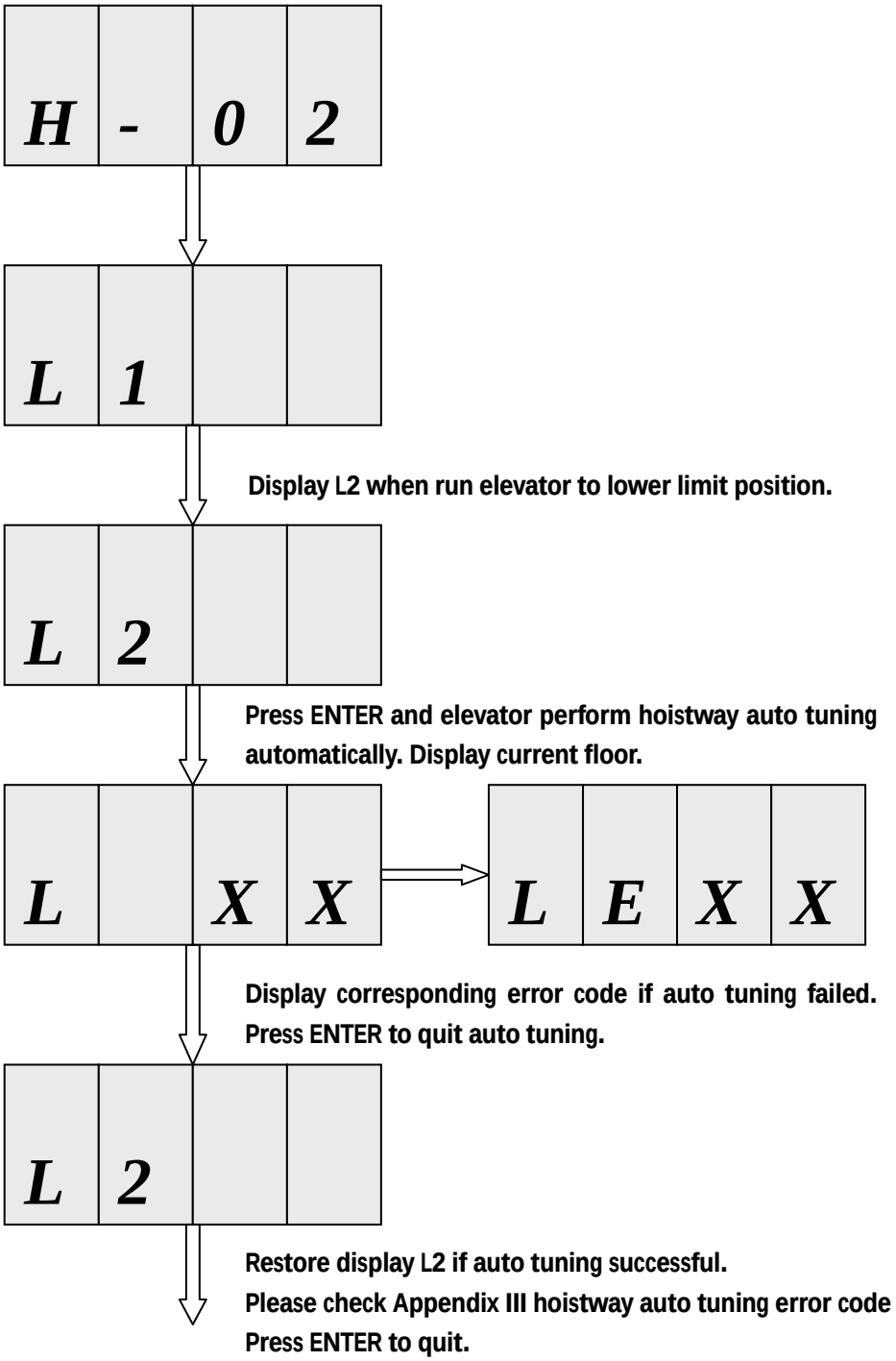


Figure Display and key layout

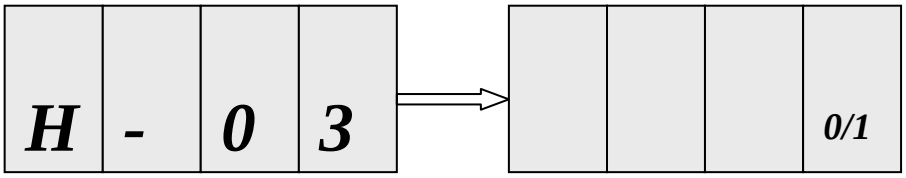
5. **H-01: Display current running speed (Unit: cm/s):**



6. **H-02: Hoistway parameter self-learning:**



7. **H-03: Parameters setting with hand operator. Set once the parameter when connecting digital operator. (Set this parameter again to support hand operator after main board reset).**



8. **H-04: View 30 fault recodes.**

