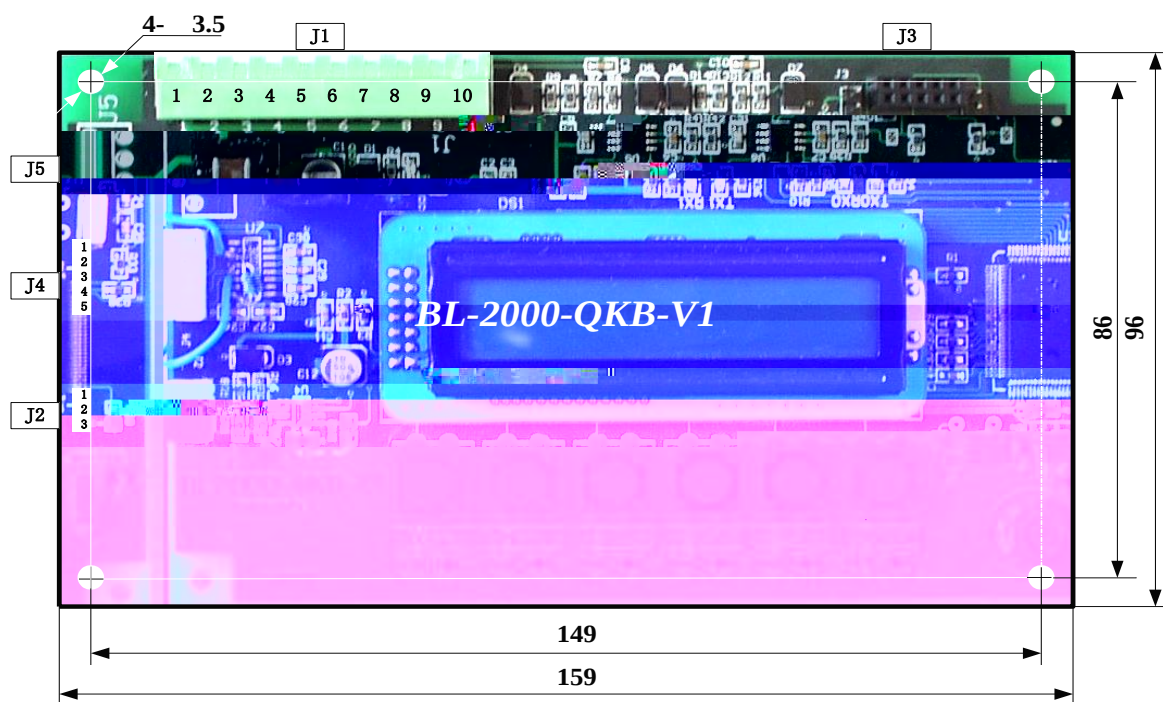


Group control system is composed of group control board and boards () on each elevator. Group control board collects the landing call, car call and state information of each elevator by bus serial communication (Diagram 3-3-6-1), processes the information intelligently, and then assign the commands to all the elevators to group control 8 elevators below 64 stories.

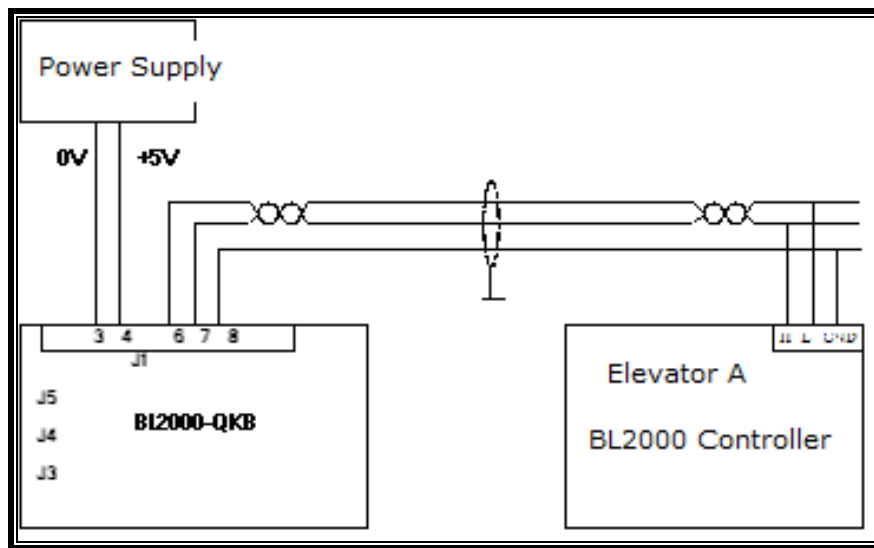


- 1 Group control of 3-8 elevators;
- 2 Range of speed: 0.5-4m/s
- 3 Applicable storeys: below 64 storeys
- 4 Passenger elevator, freight elevator, bed elevator and residential elevator.

- 1 J1 multi-wire swan pin socket DK5EHDRC-10P
Rated voltage: 300V, rated current: 15A, pressure resistance: 4KV, pitch: 5mm.
- 2 J2 connector 2.54/3P
- 3 J3 double-row hole socket 2.54/10P

- 4 J4 connector 2.54/5P
- 5 J5 single jacket plug 3.96/4P

	GND3	J1-1	0V				
		J1-2					
	GND3	J1-3	0V				
	5V IN	J1-4	5V input			200mA	
		J1-5					
	TXA+	J1-6	Group communication	Power and communication			



On the controller side user need to set "Group Able" parameter as "1", and set the 8 elevators name "Parallel No" as "A-H" on each elevator with no repeated name. Please follow controller user guide for setup method.

"Enter": Confirm Input data, enter next level menu.

"Esc": Remove input data, return previous level menu.

" ": Adjust input data, change input value.

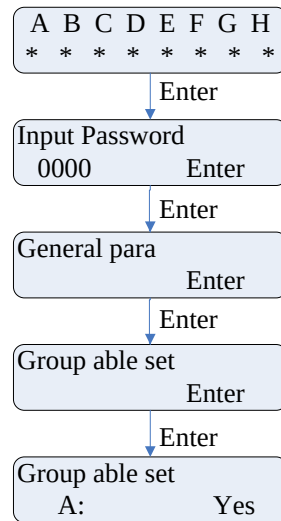
">": Move cursor position.

A-H indication each elevator in the group, the "*" below indicate these elevators are not connected in the QKB.

A	B	C	D	E	F	G	H
*	*	*	*	*	*	*	*

User can also input password and set new password in the main interface, en-US, 8bso78.57 Tm(ele)10(v)9(a)13(

User must enable each elevator group control in the QKB board. In "Group Able Set" Menu, set elevator A to Yes.



Then in the main interface the elevator status will change to:



This indicate elevator A is connected, it is in floor 1 and going up. Connect other elevators to group control using the same way.

Code	Menu	Definition	Operation
1.1	Group Able Set	"ENT" to enter grou enable set	Set A-H elevator group control enable/disable
1.2	S.X.N Priority	Calculate Up/down/Car call priority in group control calculation algorithm.	Not suggest to change.
1.3	Mode Select	See section below for 4 mode	Change 4 group control mode
1.4	Set Time	Available for up/down peak mode & balance mode.	Set group control enable time
1.5	S Start Time	Up peak start time setup	Set up peak mode start time (hrs/min)
1.6	S Stop Time	Up peak end time setup	Set up peak mode end time (hrs/min)
1.7	X Start Time	Down peak start time setup	Set Down peak mode start time (hrs/min)
1.8	X Stop Time	Down peak end time setup	Set down peak mode end time (hrs/min)
1.9-1.16	A Stop Floor - H Stop Floor	A-H elevator stop floor setup	Default setting all floor can stop

1.17-1.24	A: Homing Floor - H: Homing Floor	A-H elevator homing floor setup	Elevator stop at homing floor when free.
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There are four group control mode available to use in
BL2000-QKB group control board, they are :

Mode 1: