



Shenyang Bluelight Automatic Technology Co., Ltd

Model Selection Manual for Bluelight Call Board

V4.1.3

Center of production planning & popularizing

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Contents

Dot Matrix Display Board

BL2000-HAH-M2.1	2
BL2000-HAH-B9.1.....	4
BL2000-HAH-M4.1	6
BL2000-HAH-N1.2	8
BL2000-HAH-N5	10
BL2000-HAH-N6	12
BL2000-HAH-N7	14
BL2000-HAH-C9.....	16
BL2000-HAH-E9.1.....	18

LCD Display Board

BL2000-HBH-C9.1.....	20
BL2000-HBH-N2.2	22
BL2000-HBH-E9.1.....	24
BL2000-MBQ-V4.1.....	26
BL2000-HEH-L4.....	28
BL2000-HEH-M2.3.....	30
BL2000-HEH-M3.....	32
BL2000-HEH-N2.1.....	34
BL2000-HEH-N4.1.....	36
BL2000-HEH-N6.....	38
BL2000-HEH-N7.....	40
BL2000-HEH-N8.....	42
BL2000-HEH-P1	44
BL2000-HEH-Q1	46
BL2000-HEH-R1.3	48
BL2000-HEH-S1	50
SJT-ESIM-07-ZF.....	52
SJT-EHCL-070D-ZF	54
SJT-ESIM-070-V	56
SJT-ETOUCH-104-LG.....	58
SJT-EPAD-050-TOUCH	60

Port-transformer Type Call Display Board

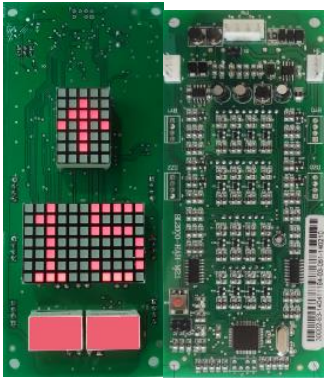
BL2000-HQK-V9.1.....	61
BL2000-HXJ-V9	63
BL2000-HXK-V9	65

Touch-button Type Call Box

SJT-CHT-DNZ1.....	67
SJT-CHT-YSZ1.....	68

Appendix

Appendix A Floor Address Setting.....	69
Appendix B Function setting	70
Appendix C Dimensions of installation baseboard	79
Appendix D Touch-button Call Board Installation Guide and Setting Method.....	81

Model	BL2000-HAH-M2.1	Order Information: Red: Conventional supply cycle Orange: Contact sale manager for confirmation
Type of Dot Matrix	Square dot matrix	
Display Direction	Vertical	
Dimensions of PCB	150mm*65mm*23mm	
Dimensions of Installation Baseboard	186mm*70mm*27mm	
LED Pilot Lamp (Optional)	Left & Right	

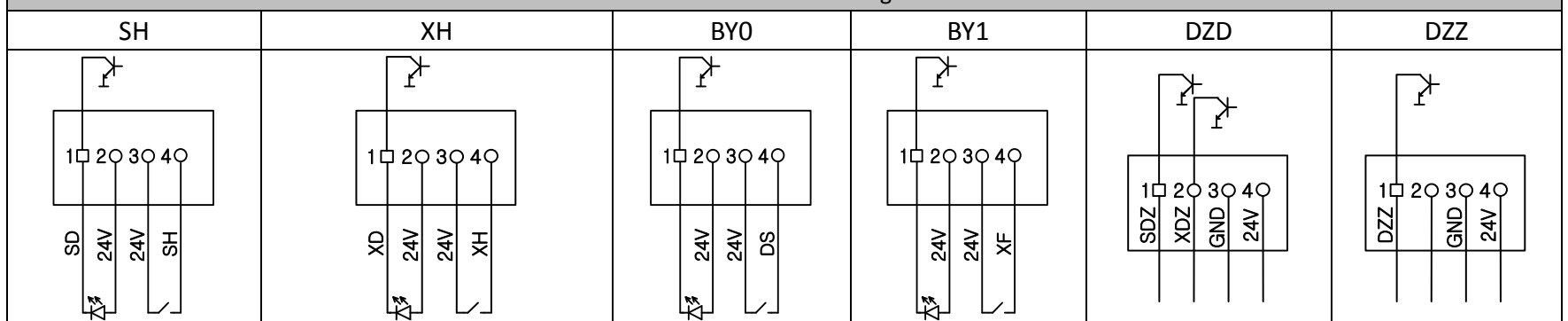
Information for similar type

Model	Display Color	PCB Color
BL2000-HAH-M2.1 A/B	Red/Orange	Green
FR2000-HAH-V9.2 A/B	Red/Orange	Black

Terminal definition and function description

Terminal	Terminal specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
BY1	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Serial fire service input(XF)
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V
S1	2.54-2 180°	Serial communication terminal resistor jumper (on board)	Short jumper to connect serial communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key	Refer to Appendix A.1 for details.			
LED Pilot Lamp Display		Default setting: Left for User Right for Full load	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC.EN	2.54-2 180°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

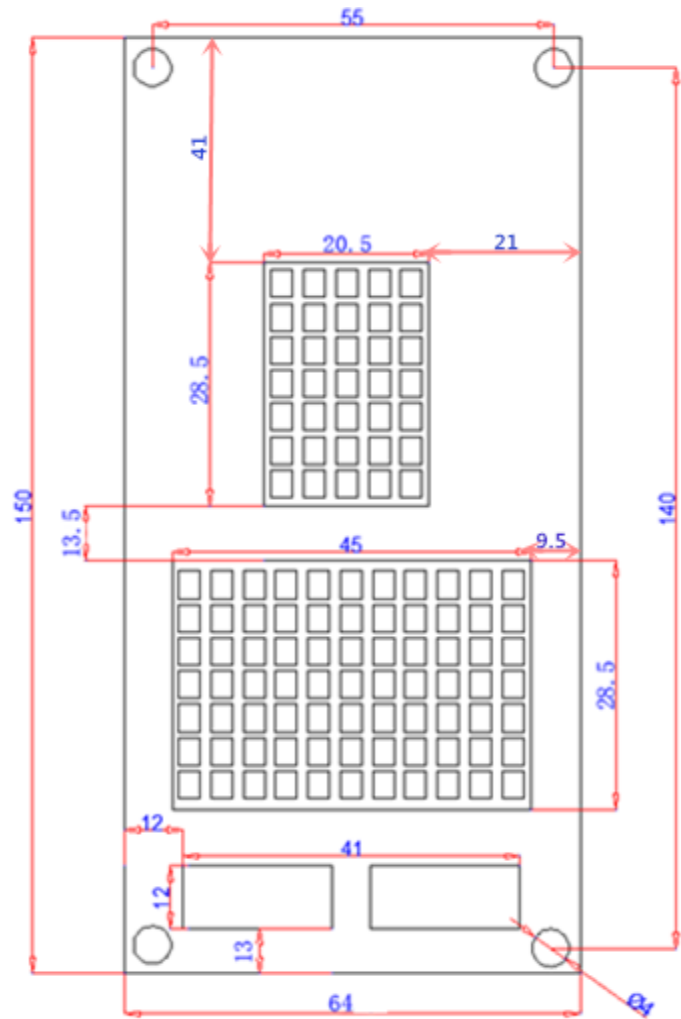
Terminal connection diagram



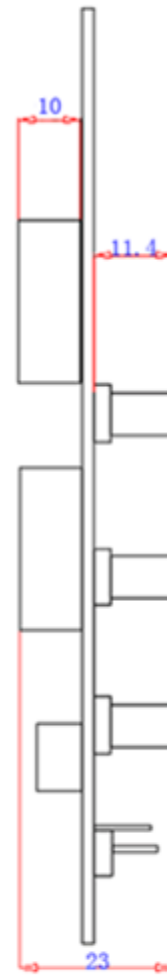
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

BL2000-HAH-M2.1 Dimensional Drawing

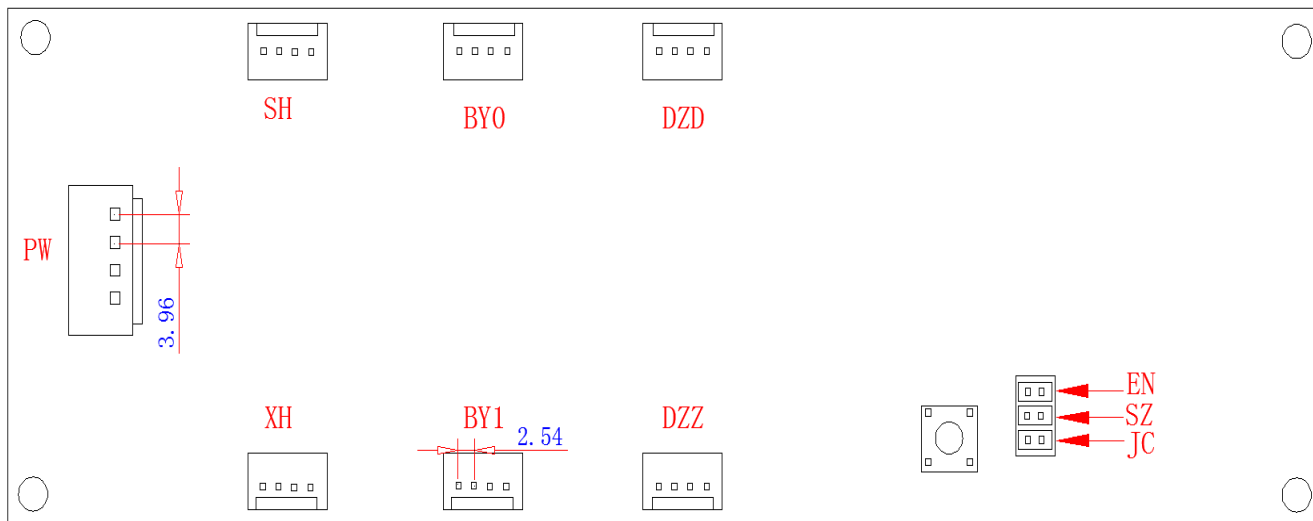
Unit: mm



Dimensional Drawing of the front

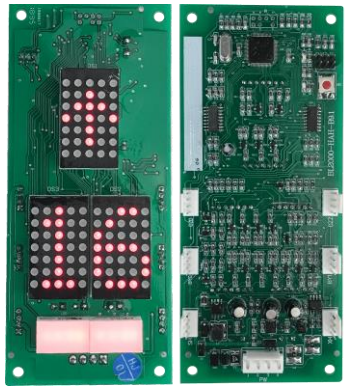


Dimensional Drawing of side



Dimensional Drawing of the back

Note: Dimensions of installation baseboard refer to Appendix C for details.

Model	BL2000-HAH-B9.1	Order Information: Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix	
Display Direction	Vertical	
Dimensions of PCB	150mm*65mm*23mm	
Dimensions of Installation Baseboard	186mm*70mm*27mm	
LED Pilot Lamp (Optional)	Left & Right	

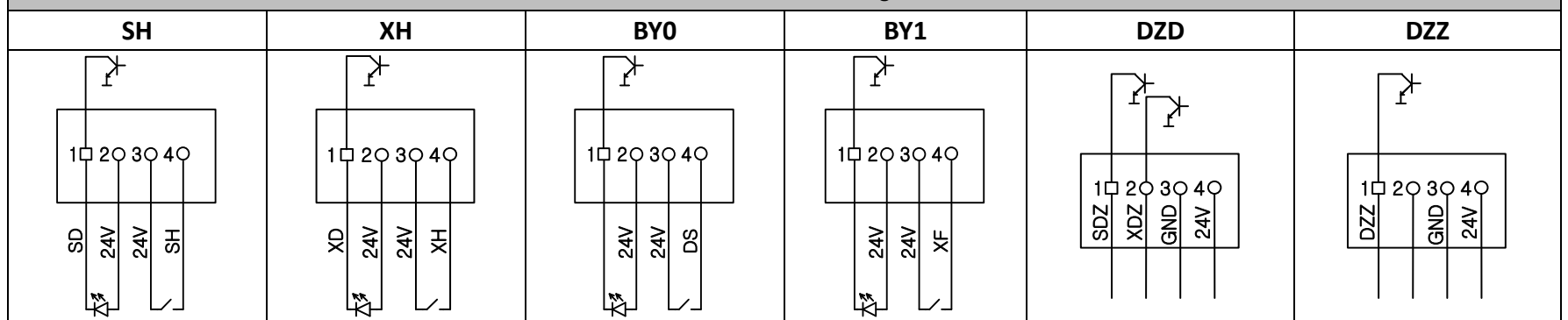
Information for similar type

Model	Model	Model
BL2000-HAH-B9.1 A	Red	Green

Terminal definition and function description

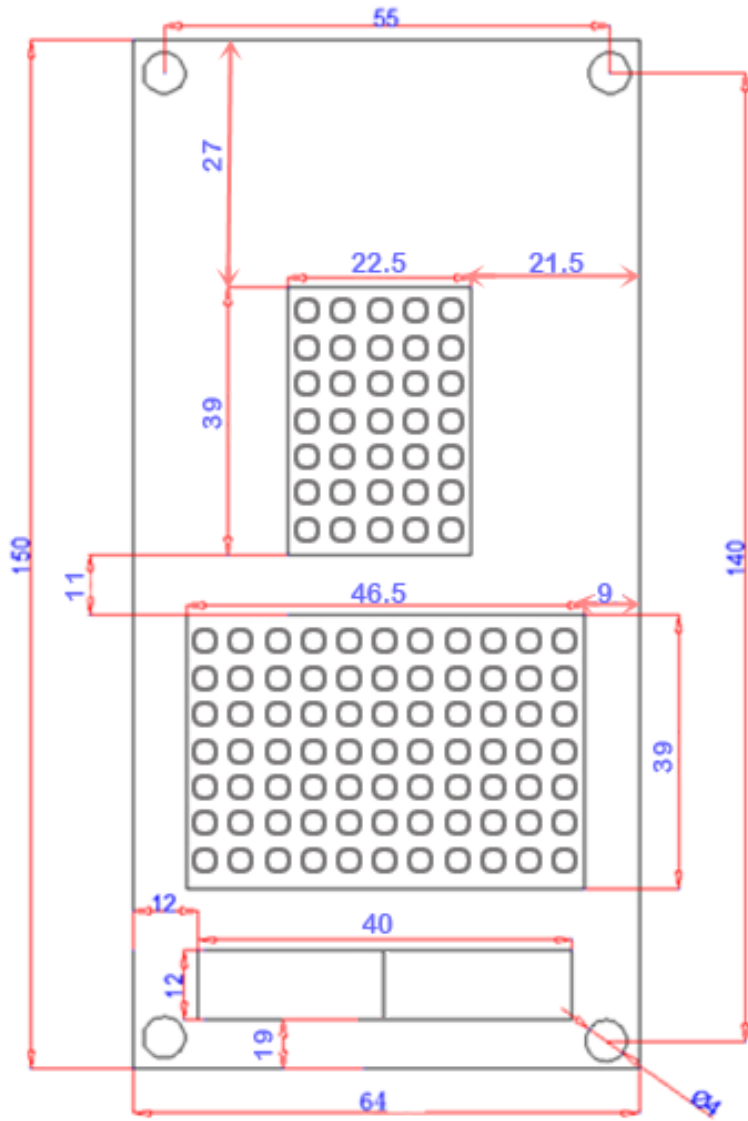
Terminal	Terminal specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
BY1	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Serial fire service input(XF)
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V
S1	2.54-2 180°	Serial communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key	Refer to Appendix A.1 for details.			
LED Pilot Lamp Display		Default setting: Left for User Right for Full load	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC, EN	2.54-2 180°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

Terminal connection diagram

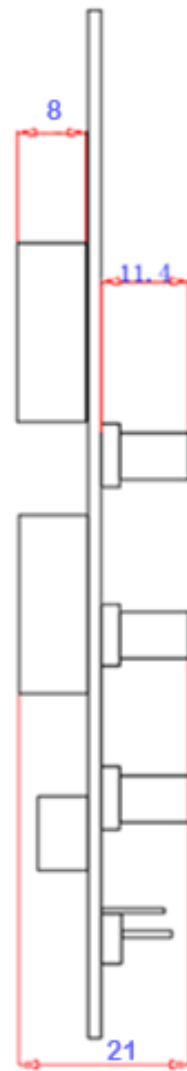


Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

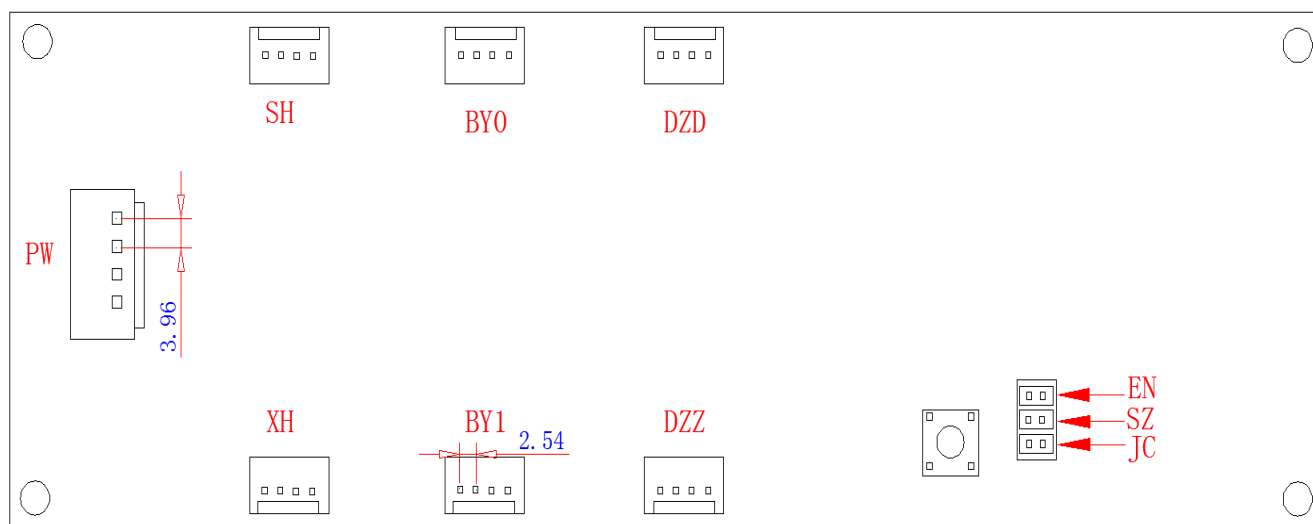
BL2000-HAH-B9.1 Dimensional Drawing



Dimensional Drawing of the front

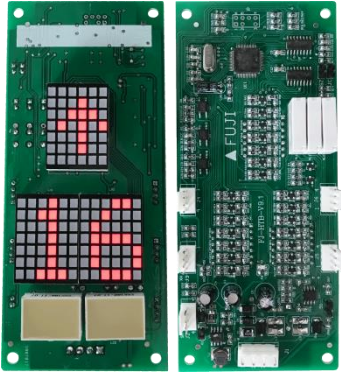


Dimensional Drawing of side



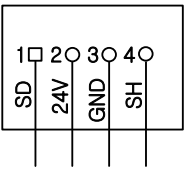
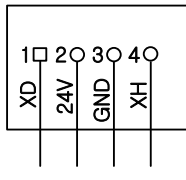
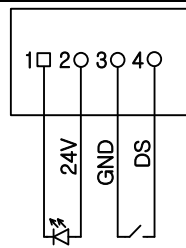
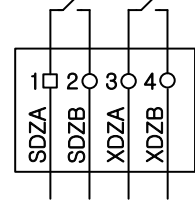
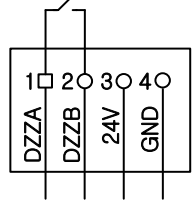
Dimensional Drawing of the back

Note: Dimensions of installation baseboard refer to Appendix C for details, figure 1.

Model	BL2000-HAH-M4.1	Order Information: Contact sale manager for confirmation
Type of Dot Matrix	Square dot matrix	
Display Direction	Vertical	
Dimensions of PCB	150mm*65mm*23mm	
Dimensions of Installation Baseboard	186mm*70mm*27mm	
LED Pilot Lamp (Optional)	Left & Right	

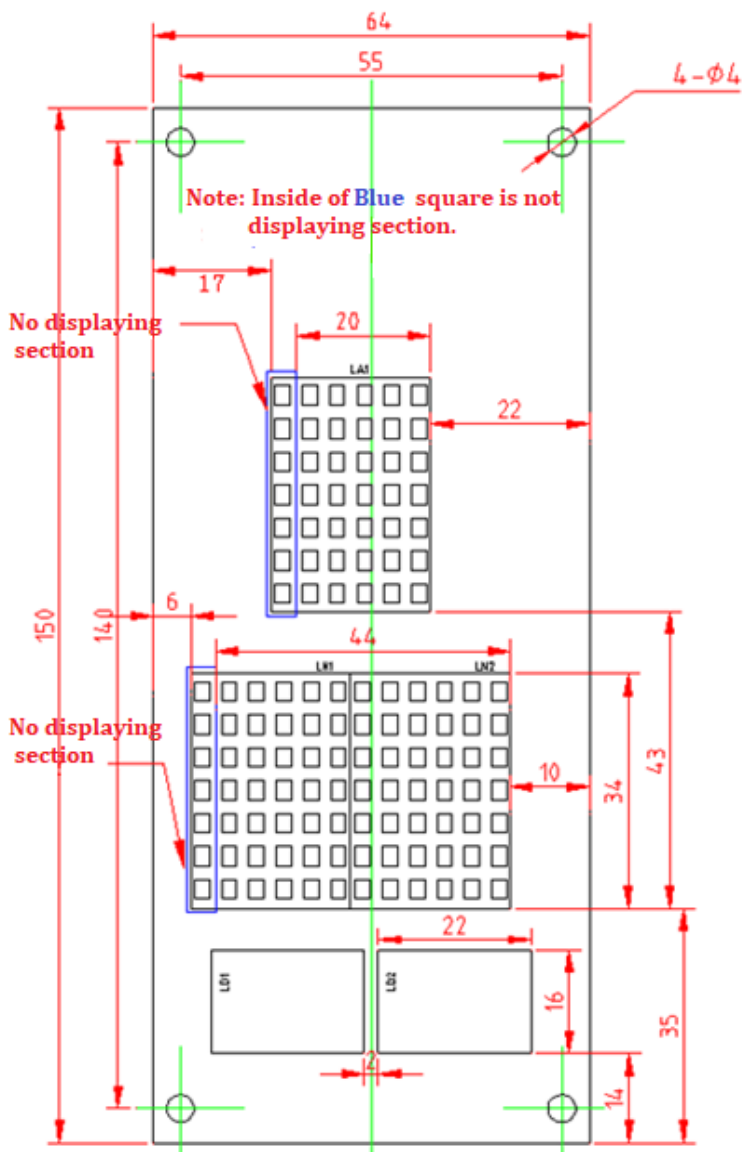
Information for similar type		
Model	Model	Model
BL2000-HAH-M4.1 A/B	Red/Orange	Green
FJ-HTB-V9.1 A/B	Red/Orange	Green

Terminal definition and function description						
Terminal	Terminal specifications	Function	Pin definition			
			1	2	3	4
J1	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
J2	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
J3	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J4	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
J5	2.54-4 180°	Arrival lamp output	Up arrival lamp output A(SDZ-A)	Up arrival lamp output B(SDZ-B)	Down arrival lamp output A(XDZ-A)	Down arrival lamp output B(XDZ-B)
J6	2.54-4 180°	Arrival bell output	Arrival bell output A(DZZ-A)	Arrival bell output B(DZZ-B)	GND	24V
S1	2.54-2 180°	Serial communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key	Refer to Appendix A.1 for details.			
平面管指示灯显示		Default setting: Left for User Right for Full load	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC	2.54-2 180°	Function Setting Jumper	Short JC, after power on, enter the self-detecting function mode, press up call button and down call button at the same time, after 2 seconds enter the function setting mode. Many different setting options are available, refer to Appendix B.1 for details.			

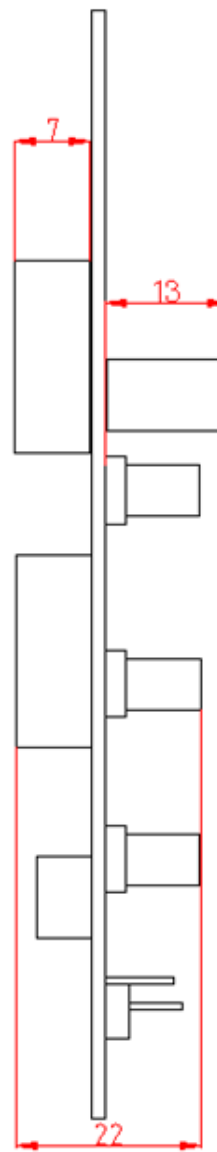
Terminal connection diagram				
J2	J3	J4	J5	J6
				

Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

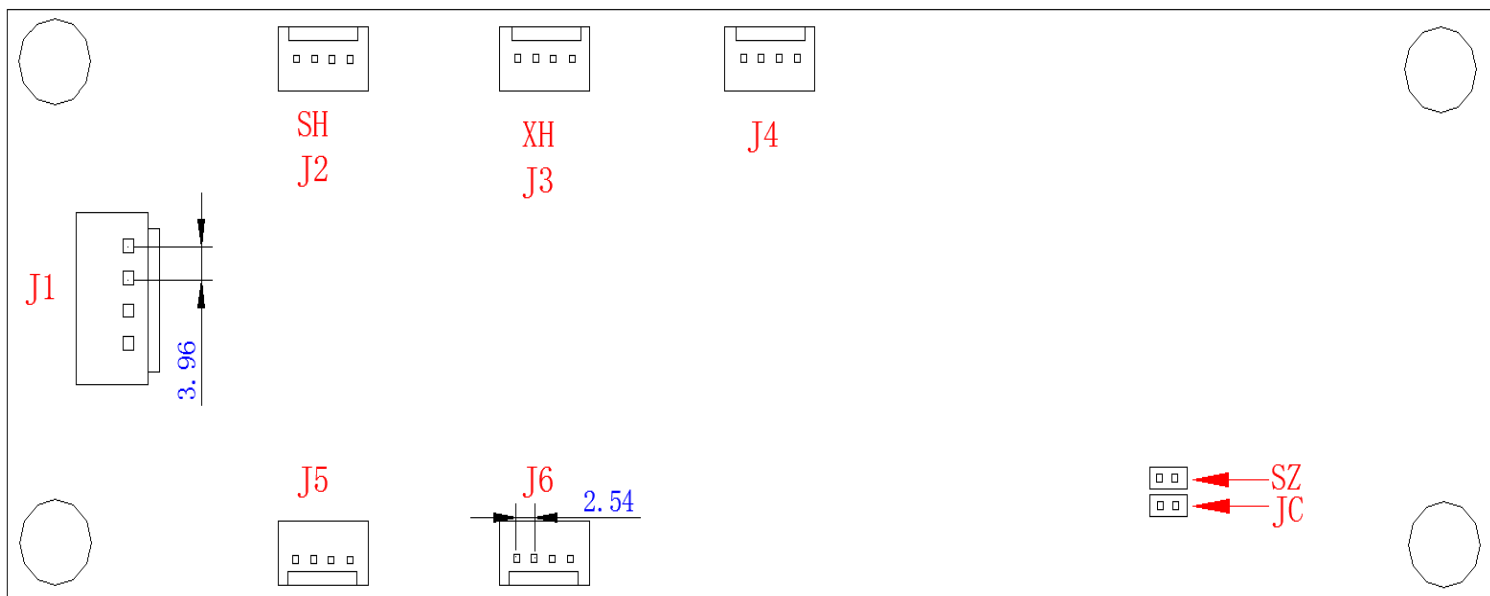
BL2000-HAH-M4.1 Dimensional Drawing



Dimensional Drawing of the front

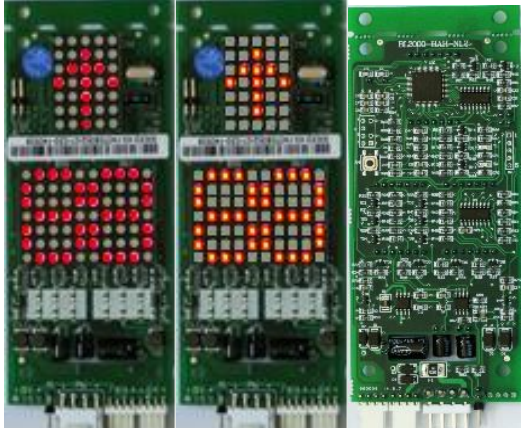


Dimensional Drawing of side



Dimensional Drawing of the back

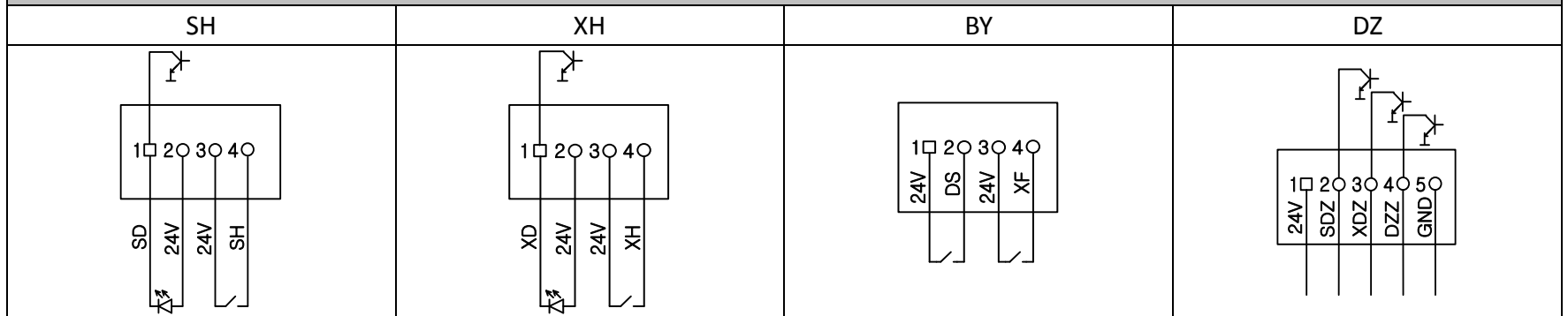
Note: Dimensions of installation baseboard refer to Appendix C for details, figure 1.

Model	BL2000-HAH-N1.2	Order Information: A1-Conventional supply cycle B1/A2/B2- Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix/ Square dot matrix	
Display Direction	Vertical	
Dimensions of PCB	147mm*56mm*8.5mm	
Dimensions of installation baseboard	No installation baseboard	
LED Pilot Lamp(optional)	Left & Right	

Information for similar type		
Model	Display Color	PCB Color
BL2000-HAH-N1.2 A1/B1/A2/B2	Red round dot matrix /Orange round dot matrix Red square dot matrix /Orange square dot matrix	Green

Terminal definition and function description						
Terminal	Terminal specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial fire input(XF)
DZ	2.54-5 90°	Arrival signals output	1-24V	2-Up arrival lamp output(SDZ)	3-Down arrival lamp output(XDZ)	4-Arrival bell output(DZZ)
			5-GND			
S1	2.54-2 90°	CAN communication terminal resistor jumper(on board)	Short jumper to connect CAN communication terminal resistor.			
EN	2.54-2 90°	Address Setting Jumper	Refer to Appendix A.1, A.2 for details.			
AN		Address Setting key	Refer to Appendix A.1, A.2 for details.			
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC.EN	2.54-2 90°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

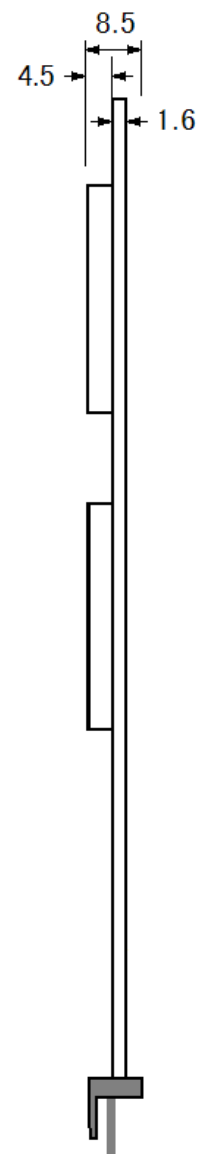
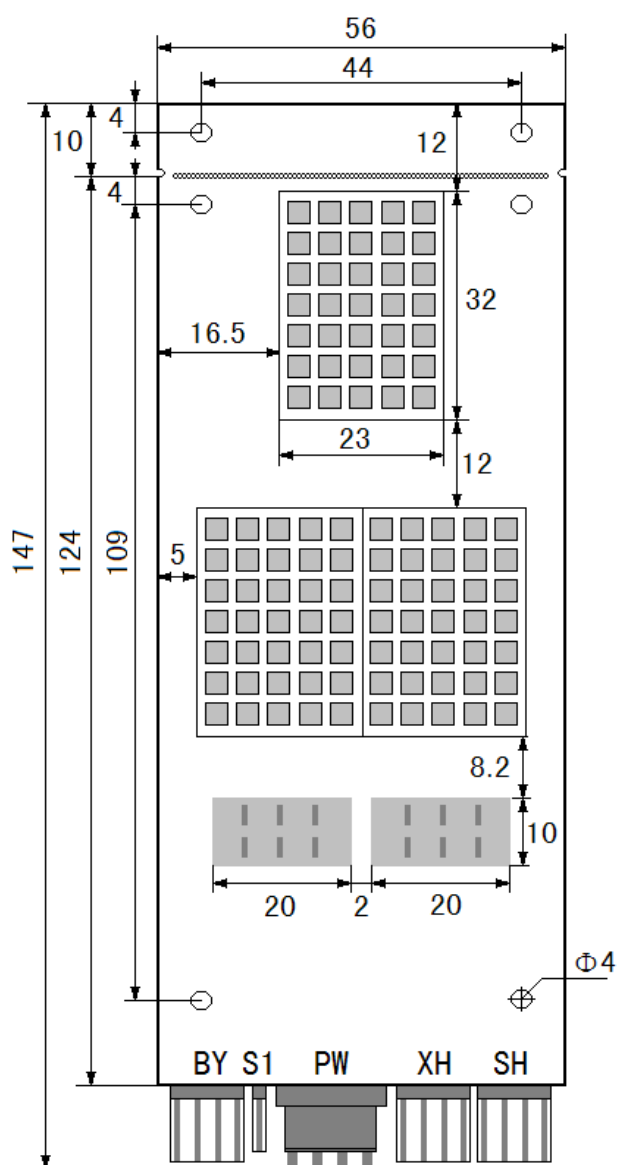
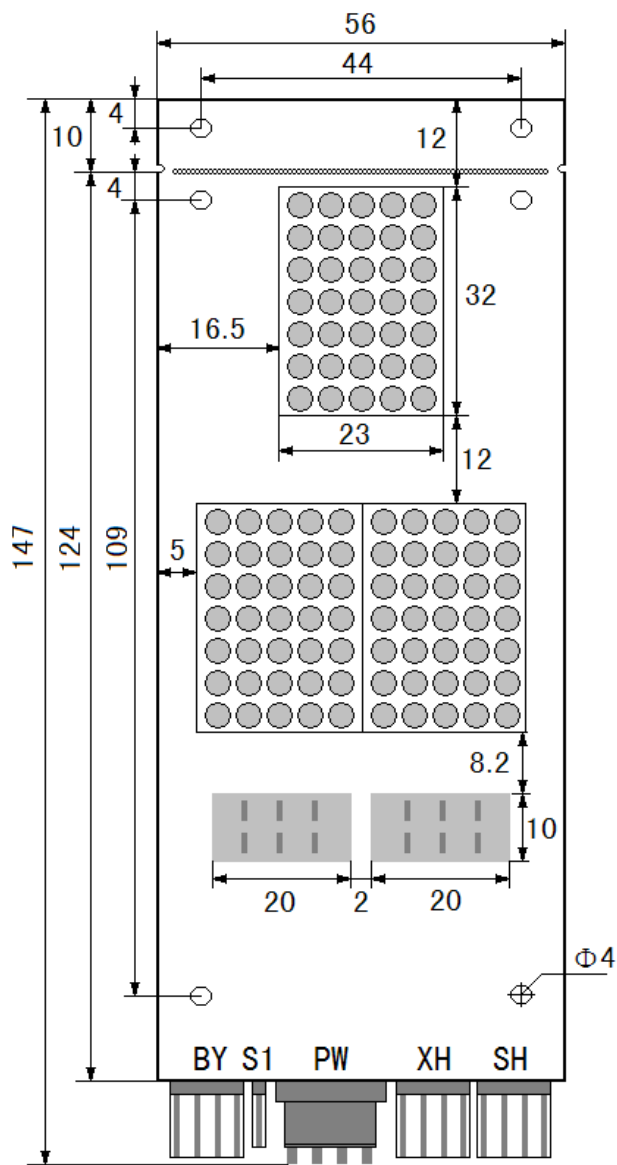
Terminal connection diagram



Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No.4 in sequence.

BL2000-HAH-N1.2 Dimensional Drawing

Unit: mm

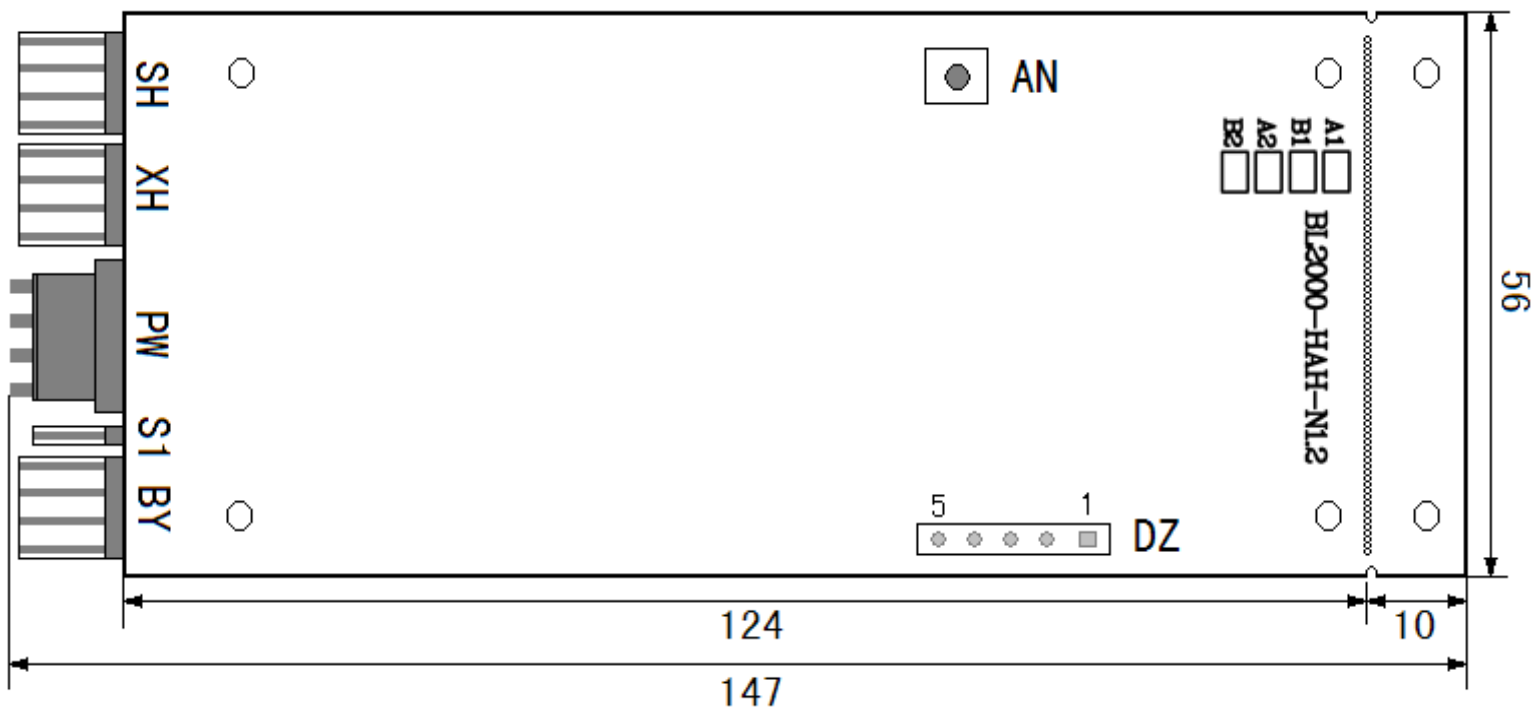


BL2000-HAH-N1.2 A1 / BL2000-HAH-N1.2 B1

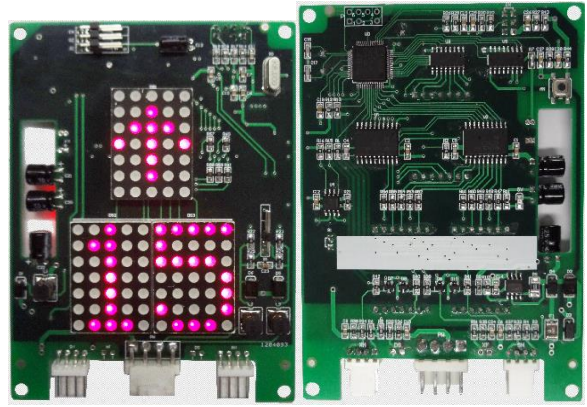
BL2000-HAH-N1.2 A2 / BL2000-HAH-N1.2 B2

Dimensional Drawing of the front

Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HAH-N5	Order Information: Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix	
Display Direction	Vertical	
Dimensions of PCB	113mm*83mm*8.5mm	
Dimensions of Installation Baseboard	No installation baseboard	
LED Pilot Lamp	None	

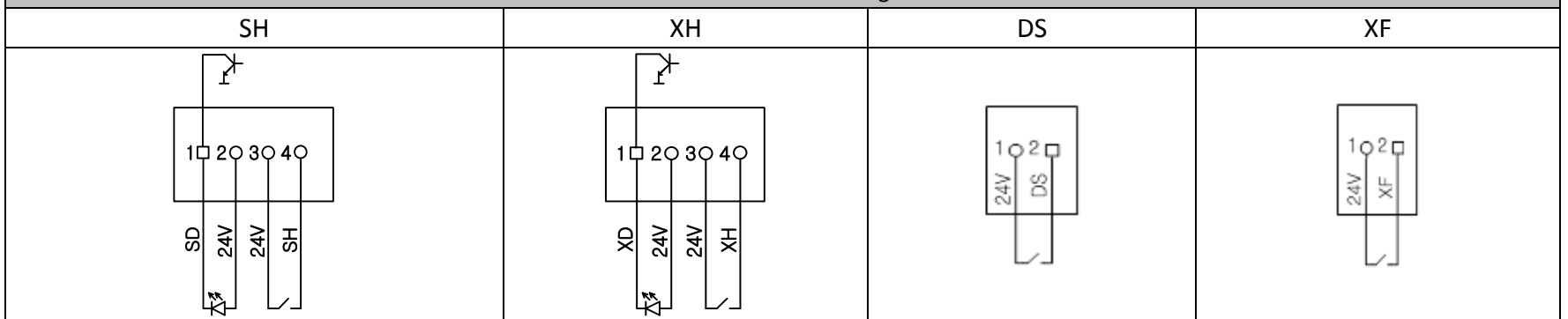
Information for similar type

Model	Display Color	PCB Color
BL2000-HAH-N5- A/B	Red /Orange	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
DS	2.54-2 90°	Serial parking input	24V	Serial parking input(DS)		
XF	2.54-2 90°	Serial fire service input	24V	Serial fire service input(XF)		
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 90°	Floor Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Floor Address Setting key	Refer to Appendix A.1 for details.			
JC,EN	2.54-2 90°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

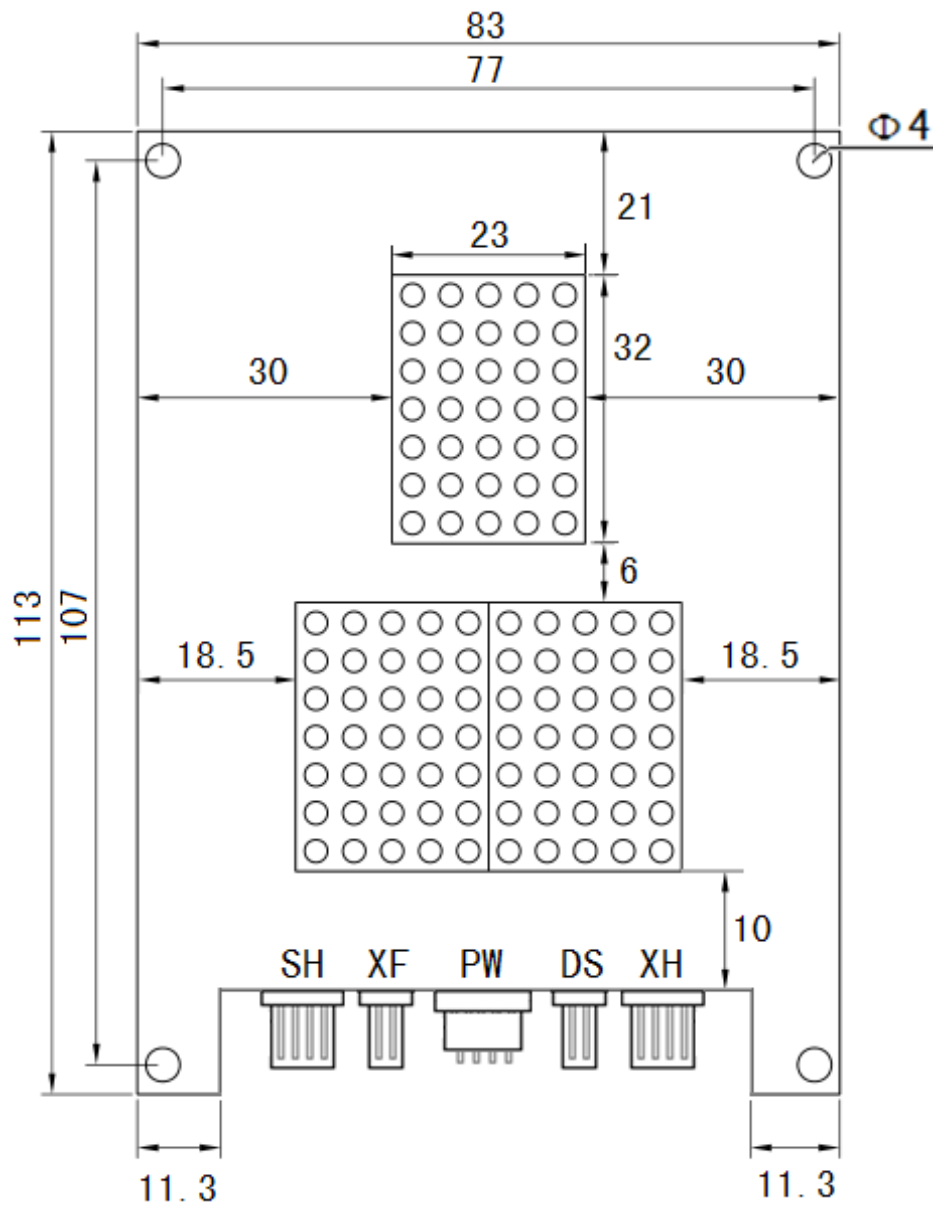
Terminal connection diagram



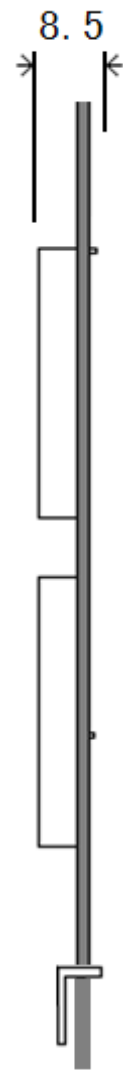
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No.4 in sequence.

BL2000-HAH-N5 Dimensional Drawing

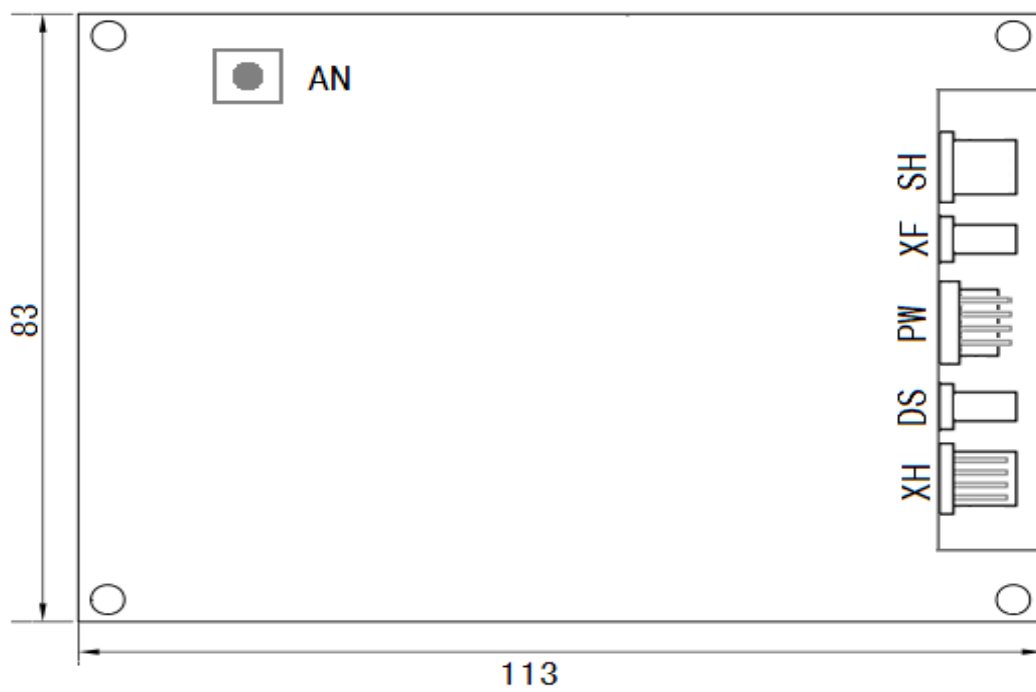
Unit: mm



Dimensional Drawing of the front



Dimensional Drawing of side



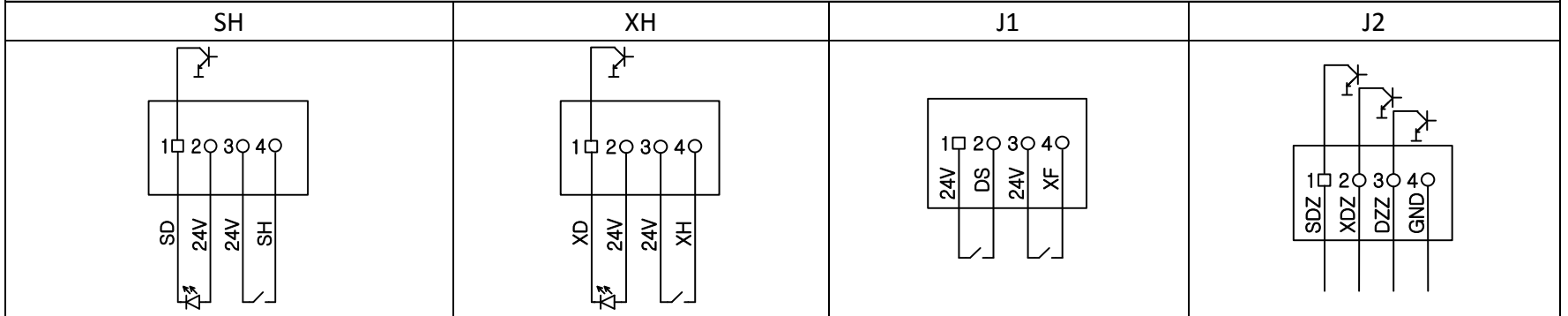
Dimensional Drawing of the back

Model	BL2000-HAH-N6	Order Information: A2-Conventional supply cycle A1/B1/B2- Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix/ Square dot matrix	
Display Direction	Vertical	
Dimension of PCB	134mm*76mm*7.5mm	
Dimension of Installation Baseboard	No installation baseboard	
LED Pilot Lamp	None	

Information for similar type		
Model	Display Color	PCB Color
BL2000-HAH-N6- A1/B1/A2/B2	Red round dot matrix /Orange round dot matrix Red square dot matrix /Orange square dot matrix	Green

Terminal definition and function description						
Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	2.54-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial fire input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 90°	Address Setting Jumper	Refer to Appendix A.1, A.2 for details.			
JC	2.54-2 90°	Checking Function Jumper	Short JC, after power on, enter the self-checking mode.			
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

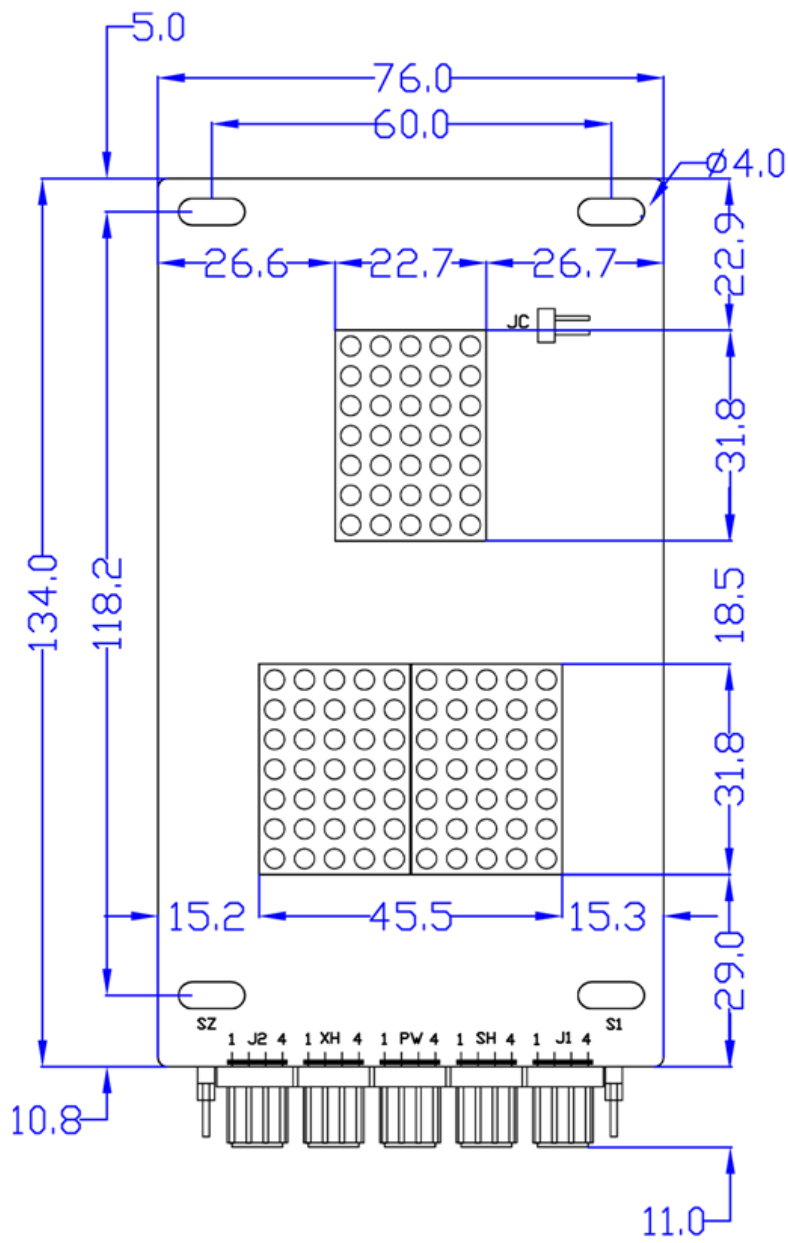
Terminal connection diagram



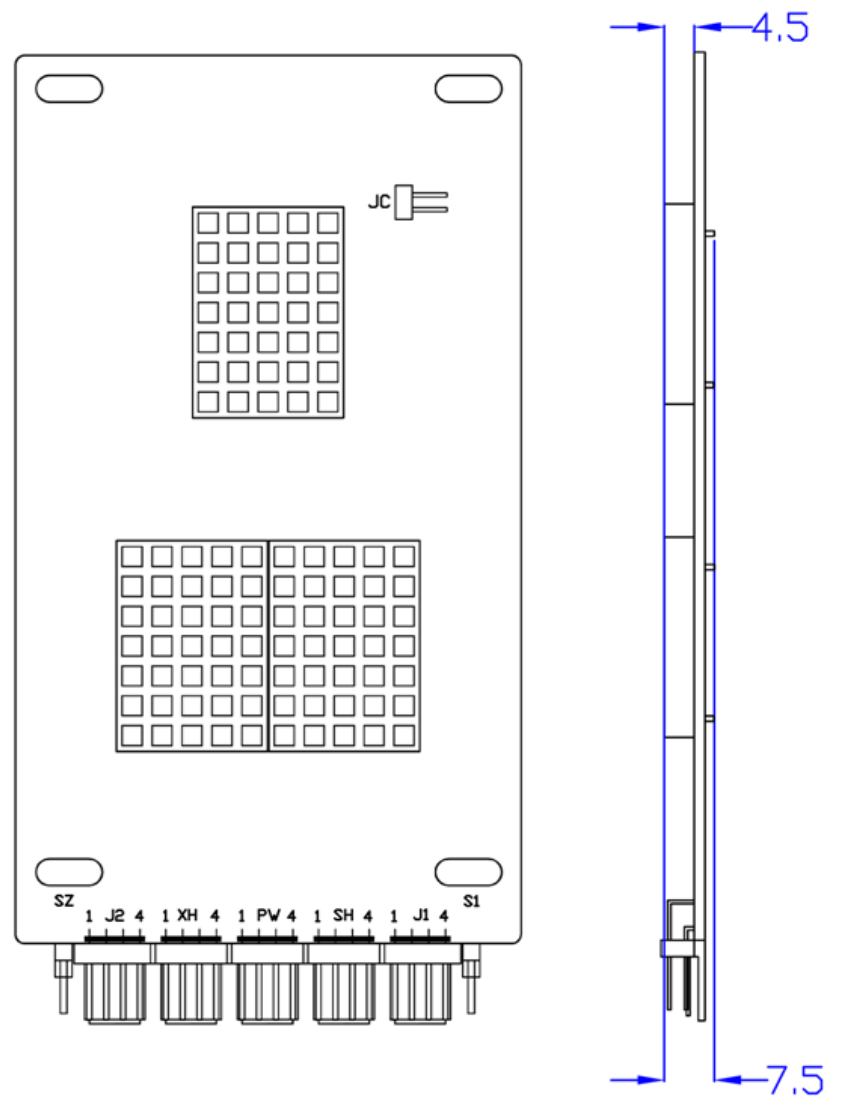
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No.4 in sequence.

BL2000-HAH-N6 Dimensional Drawing

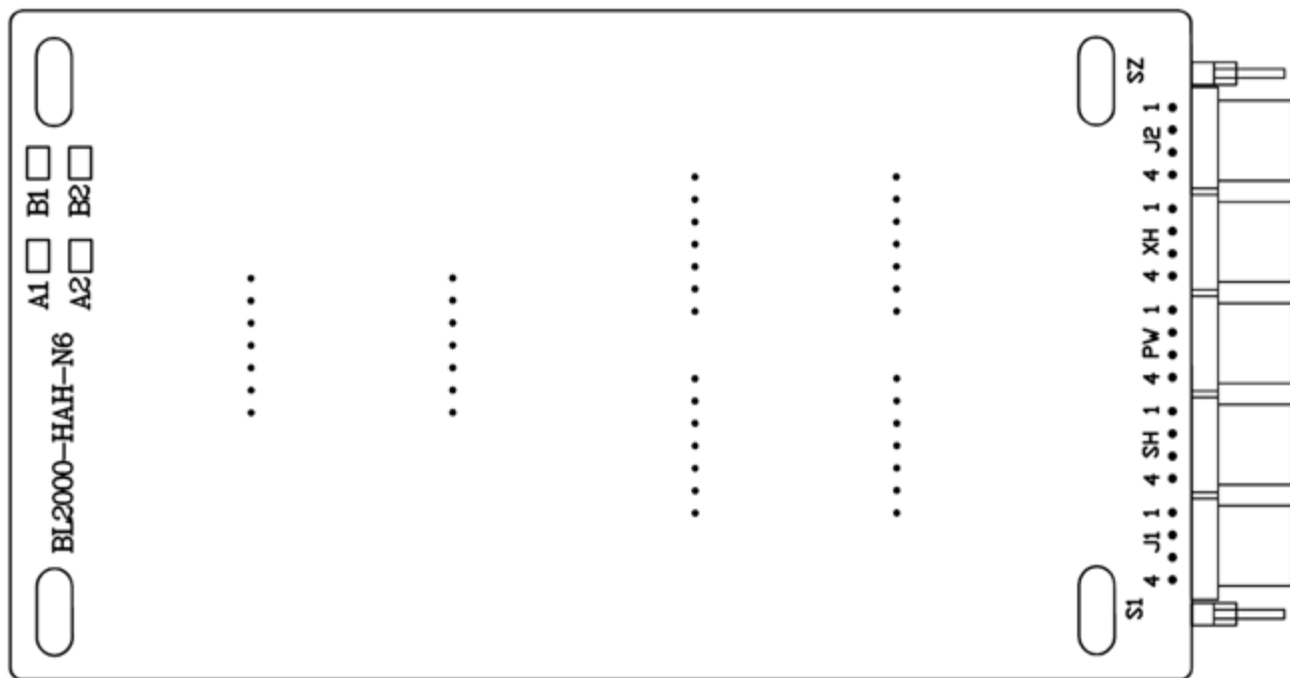
Unit: mm



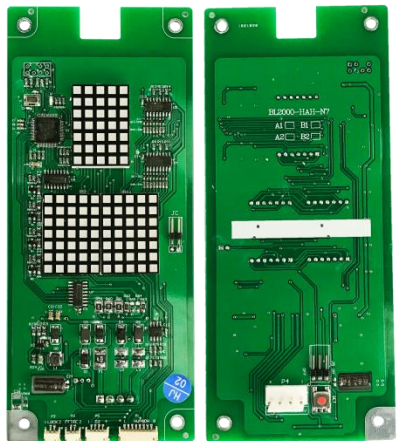
Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HAH-N7	Order Information: Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix/ Square dot matrix	
Display Direction	Vertical	
Dimension of PCB	172mm*74mm*19mm (The thickness contains PW power terminals of 11mm)	
Dimension of Installation Baseboard	No installation baseboard	
LED Pilot Lamp	None	

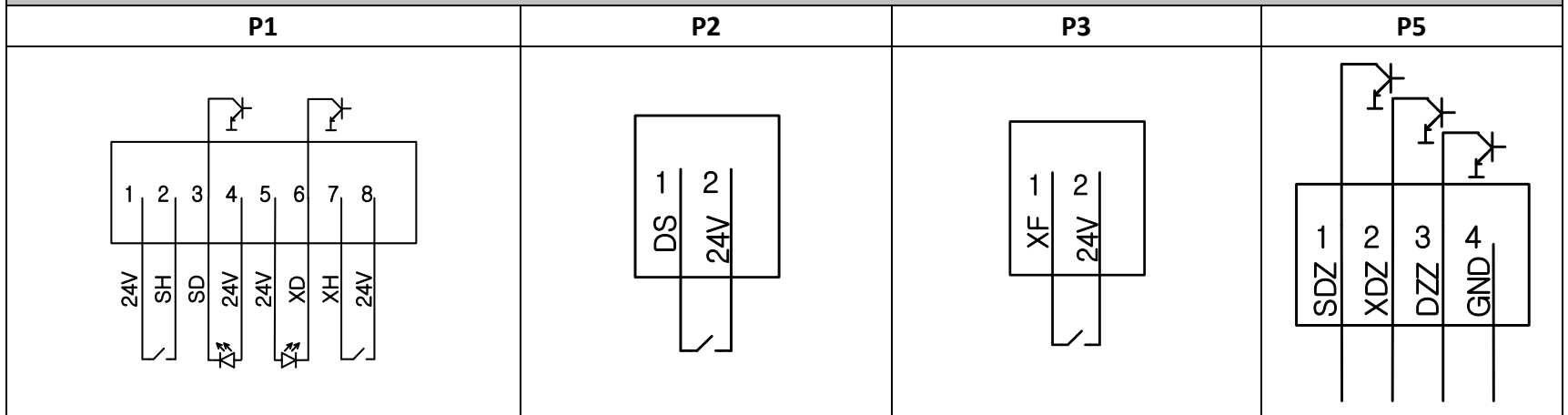
Information for similar type

Model	Display Color	PCB Color
BL2000-HAH-N7-A1/B1/A2/B2	Red round dot matrix / Orange round dot matrix Red square dot matrix / Orange square dot matrix	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition							
			1	2	3	4	5	6	7	8
P1	ZH-WT-8A	Up&down call button	24V	Up call input (SH)	Up call answer (SD)	24V	24V	Down call answer (XD)	Down call input (XH)	24V
P2	ZH-WT-2A	Serial parking input	Serial parking input (DS)	24V						
P3	ZH-WT-2A	Serial fire input	Serial fire input (XF)	24V						
P4	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL				
P5	ZH-WT-4A	Arrival signals output	Up arrival lamp output (SDZ)	Down arrival lamp output (XDZ)	Arrival bell output (DZZ)	GND				
J5	2.54-3-90°	CAN communication terminal resistor jumper (on board)	Short ON jumper to connect CAN communication terminal resistor.							
SET		Address Setting button	Refer to Appendix A.1, A.2 for details.							
JC	2.54-2-90°	Checking Function Jumper	Short JC, after power on, enter the self-checking mode, refer to the user manual.							

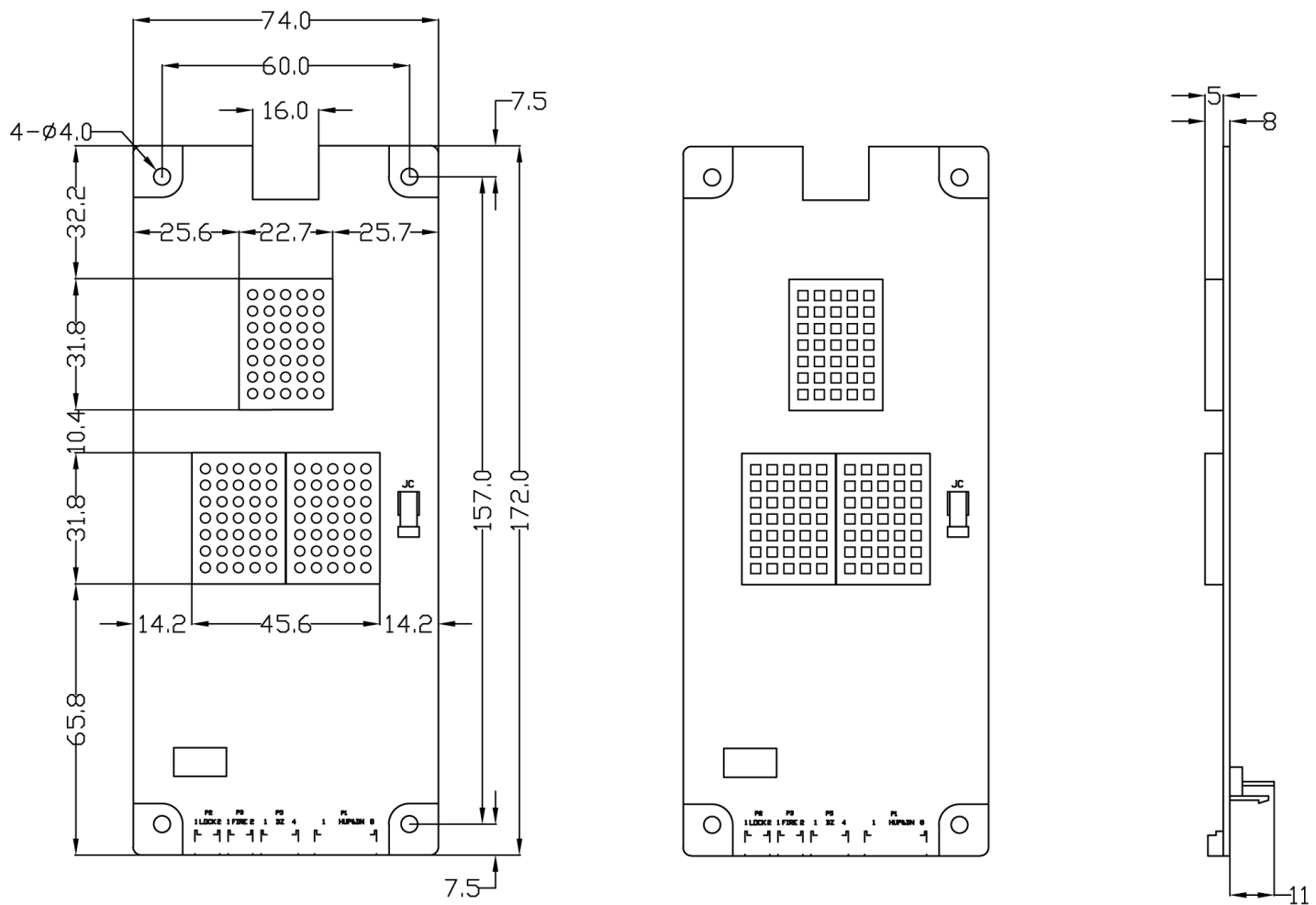
Terminal connection diagram



Note: Terminal P1, P2, P3 and P5 are of ZH-WT series.

BL2000-HAH-N7 Dimensional Drawing

Unit: mm

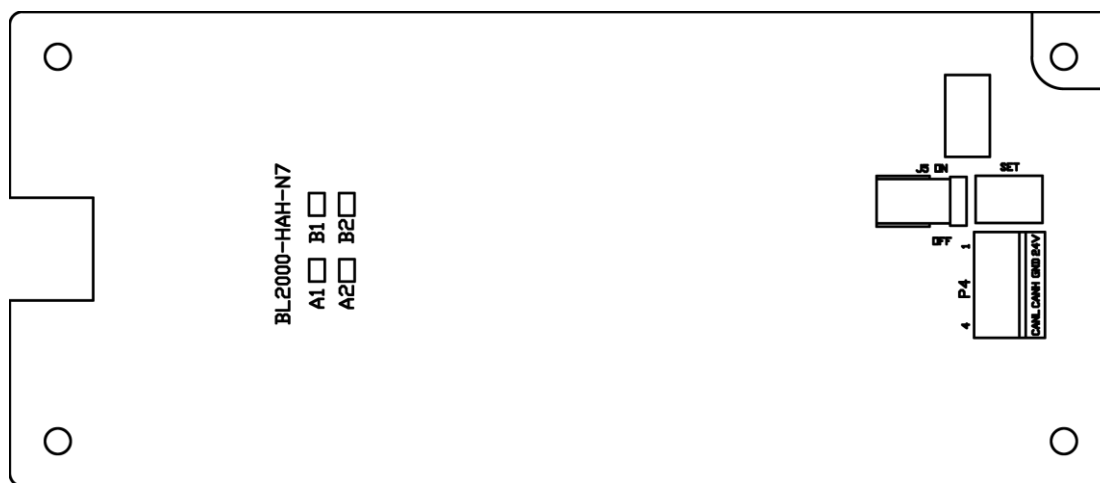


BL2000-HAH-N7 A1 / BL2000-HAH-N7 B1

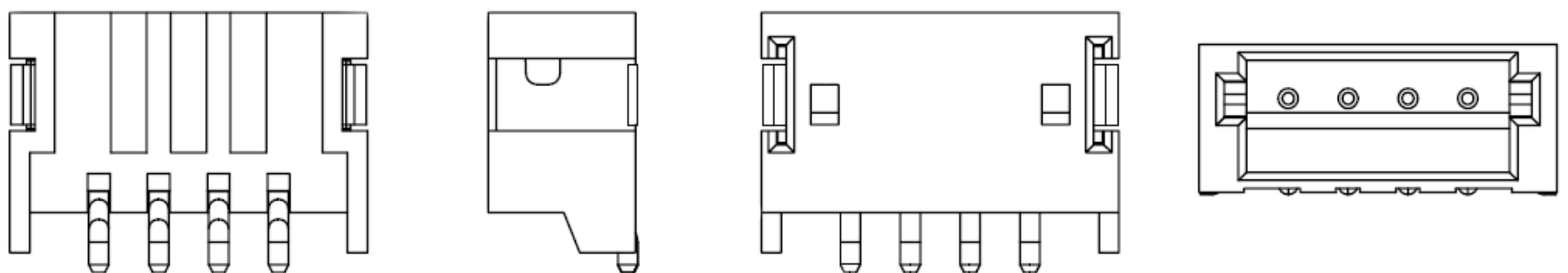
BL2000-HAH-N7 A2 / BL2000-HAH-N7 B2

Dimensional Drawing of the front

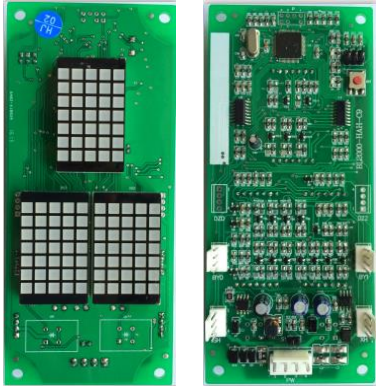
Dimensional Drawing of side



Dimensional Drawing of the back



Schematic diagram of ZH-WT series terminals

Model	BL2000-HAH-C9	Order Information: Red: Conventional supply cycle Orange: Contact sale manager for confirmation
Type of Dot Matrix	Square dot matrix	
Display Direction	Vertical	
Dimensions of PCB	150mm*65mm*21mm	
Dimensions of Installation Baseboard	186mm*70mm*27mm	
LED Pilot Lamp (optional)	Left and right	

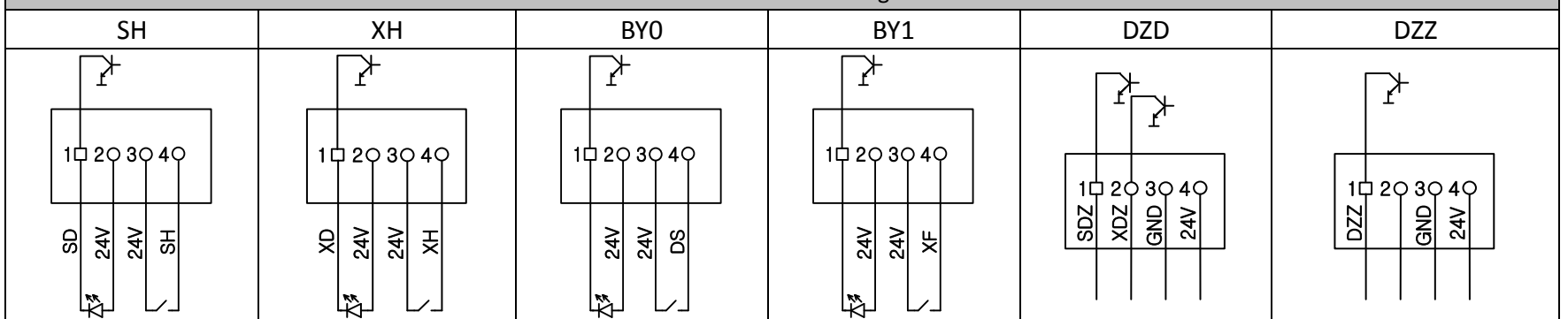
Information for similar type

Model	Display Color	PCB Color
BL2000-HAH-C9 A/B	Red/Orange	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Parking(DS)
BY1	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Fire(XF)
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC,EN	2.54-2 180°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

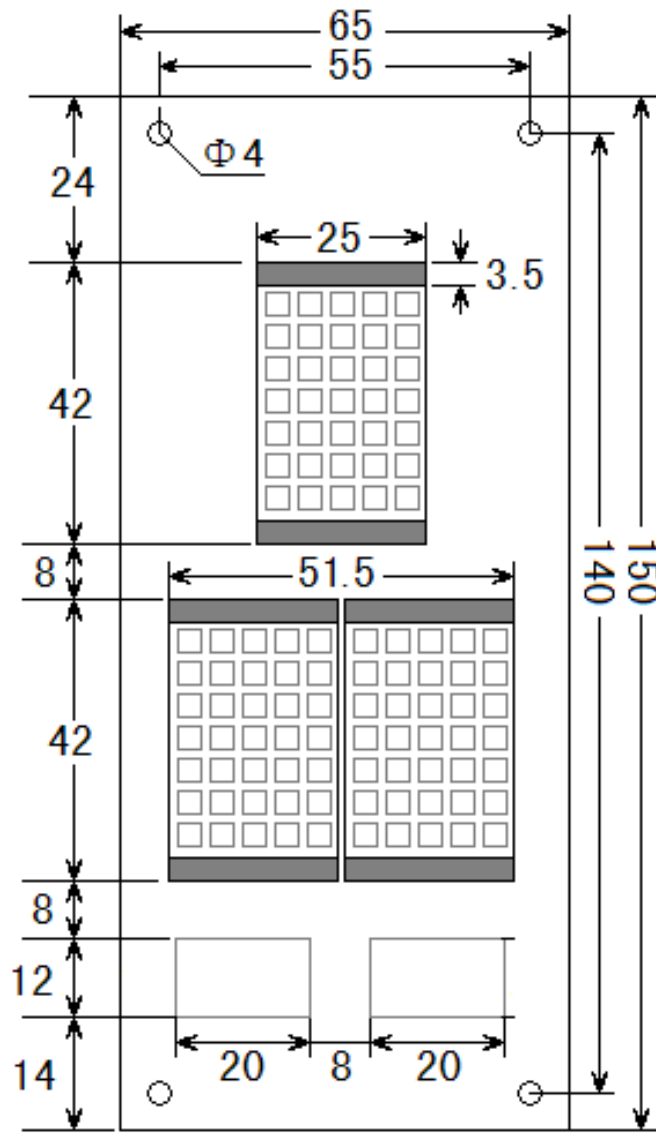
Terminal connection diagram



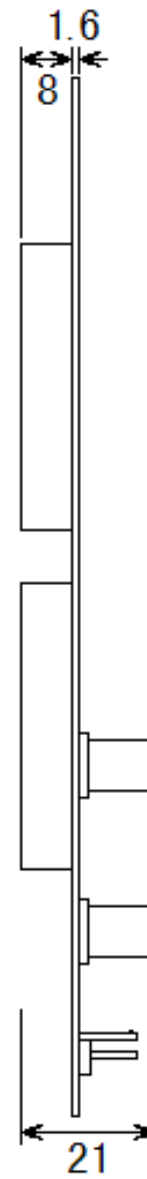
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No.4 in sequence.

BL2000-HAH-C9 Dimensional Drawing

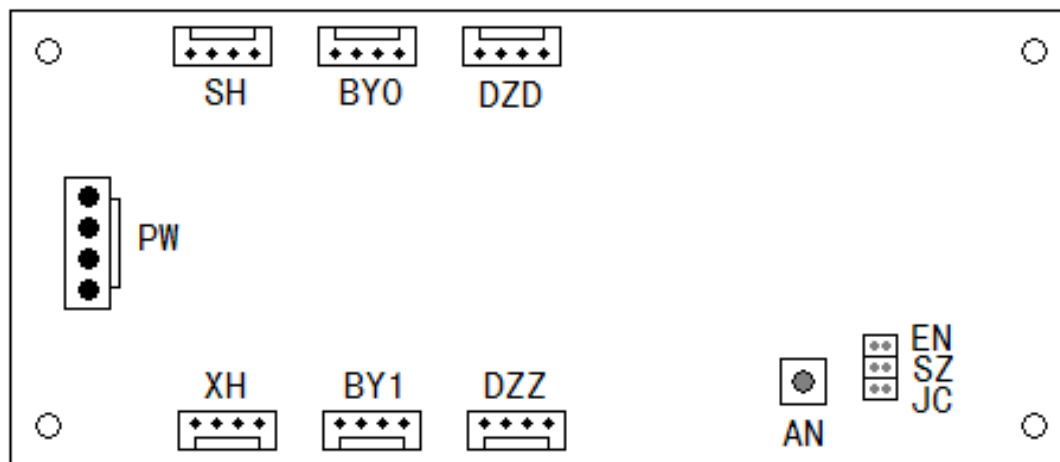
Unit: mm



Dimensional Drawing of the front

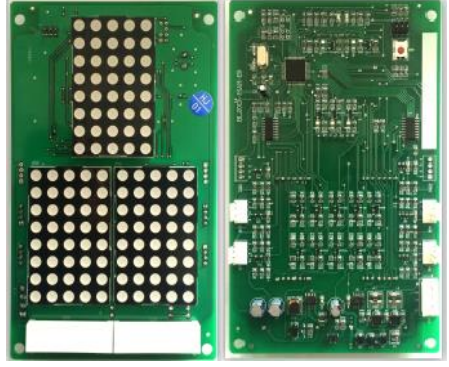


Dimensional Drawing of side



Dimensional Drawing of the back

Note: Refer to the fig.1 in Appendix C for the dimensions of installation baseboard.

Model	BL2000-HAH-E9.1	Order Information: A-Conventional supply cycle B-Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix	
Display Direction	Vertical	
Dimensions of PCB	162.3mm*98.5mm*22mm	
Dimensions of Installation Baseboard	No installation baseboard	
LED Pilot Lamp	Left and right	

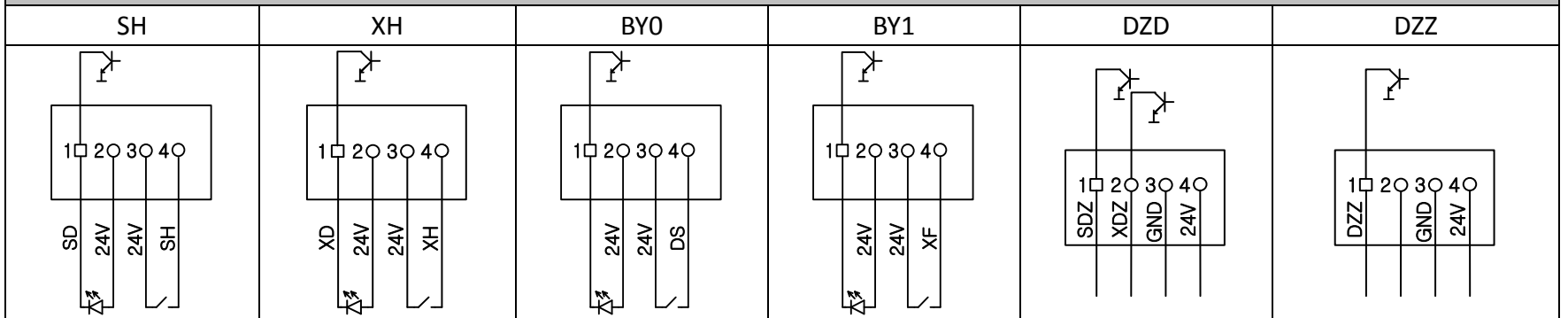
Information for similar type

Model	Display Color	PCB Color
BL2000-HAH-E9.1 A/B	Red/Orange	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
BY1	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Serial fire input(XF)
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC,EN	2.54-2 180°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

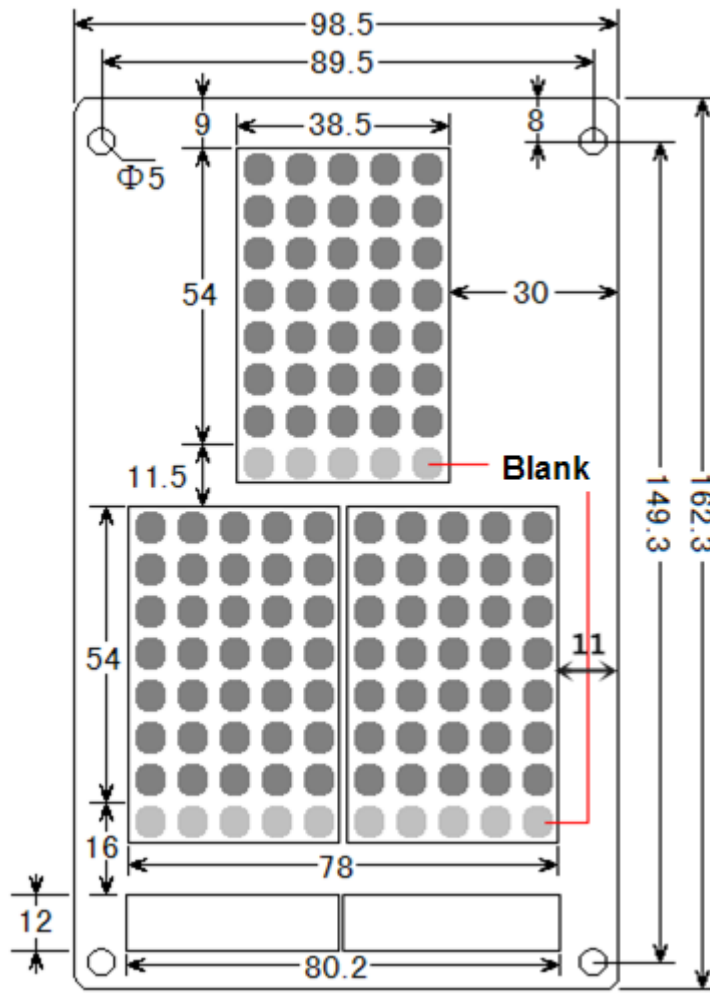
Terminal connection diagram



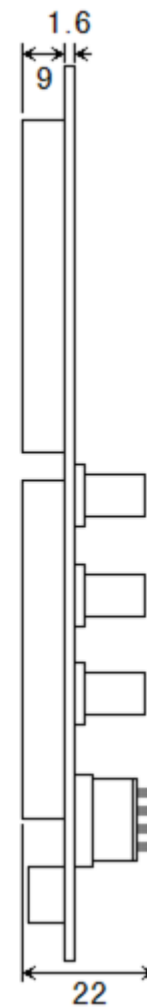
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No4 in sequence.

BL2000-HAH-E9.1 Dimensional Drawing

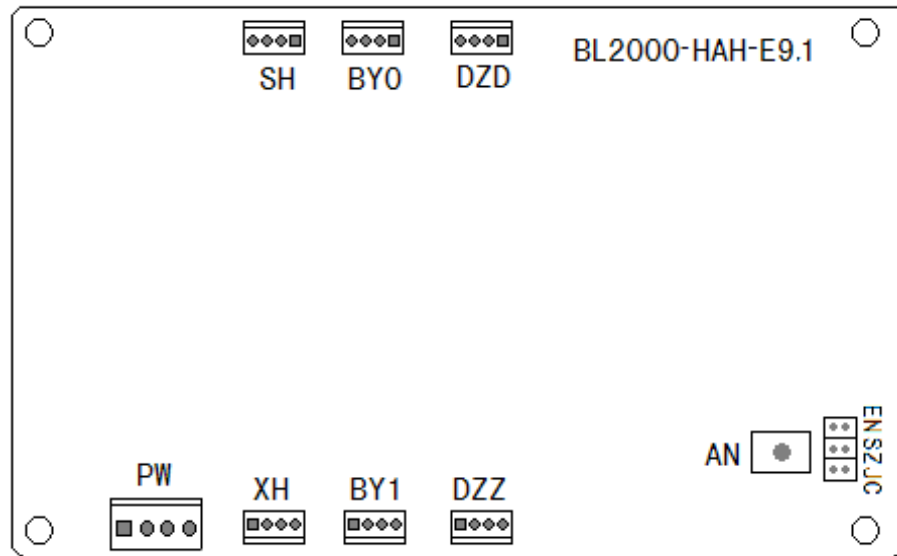
Unit: mm



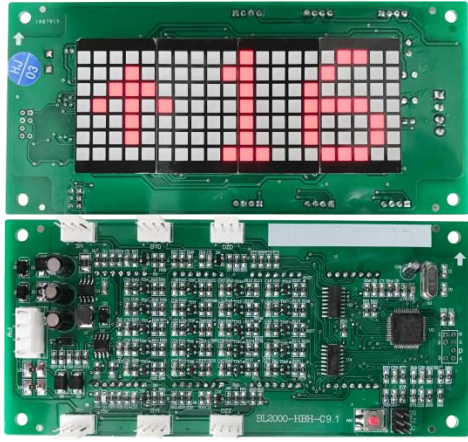
Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HBH-C9.1	Order Information: Red: Conventional supply cycle Orange: Contact sale manager for confirmation
Type of Dot Matrix	Square dot matrix	
Display Direction	Horizontal	
Dimensions of PCB	70mm *151mm*21mm	
Dimensions of installation baseboard	No installation baseboard	
LED Pilot Lamp	None	

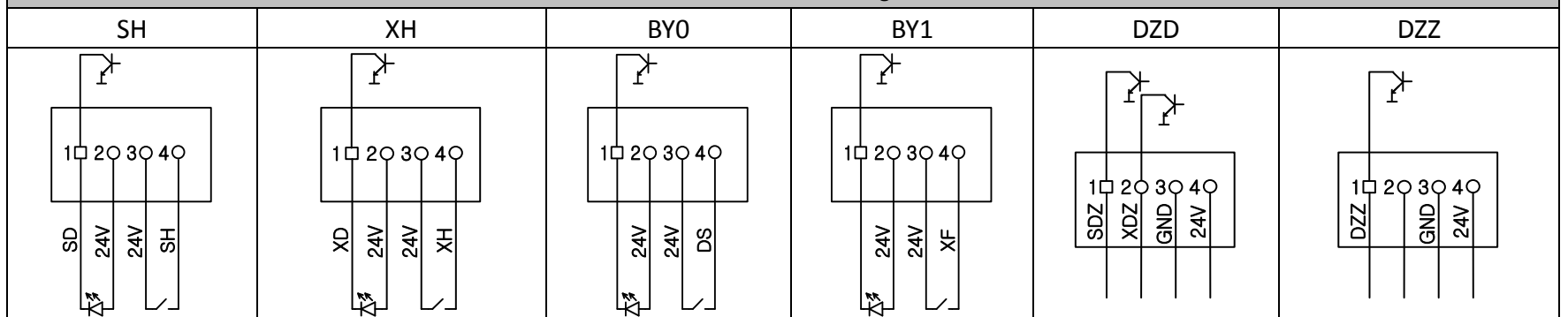
Information for similar type

Model	Display Color	PCB Color
BL2000-HBH-C9.1 A/B	Red/Orange	Green
FJ-HPI-V9.1 A/B	Red/Orange	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Parking(DS)
BY1	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Fire(XF)
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
JC,EN	2.54-2 180°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

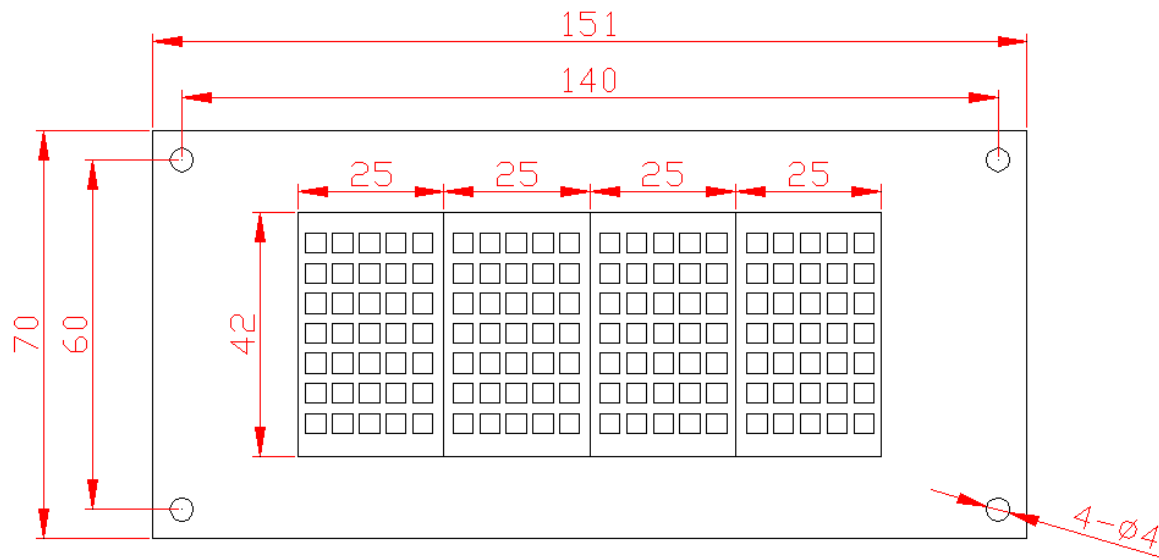
Terminal connection diagram



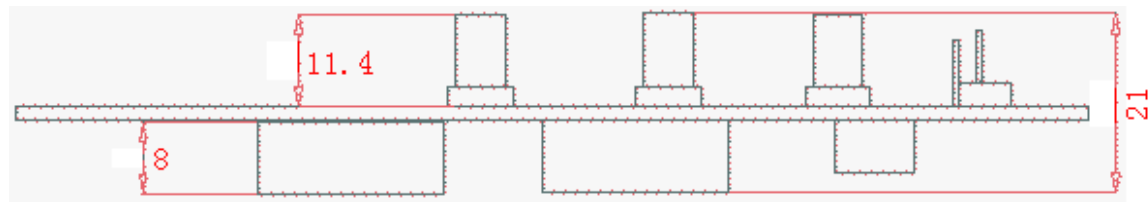
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No.4 in sequence.

BL2000-HBH-C9.1 Dimensional Drawing

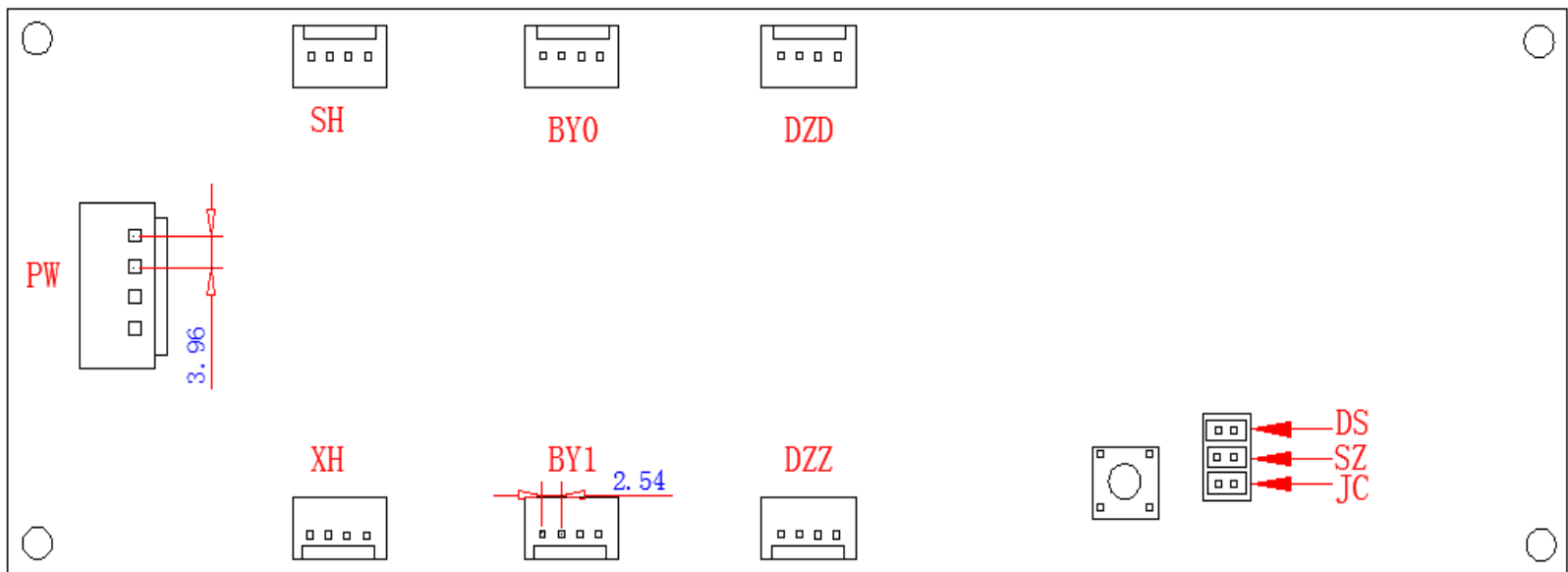
Unit: mm



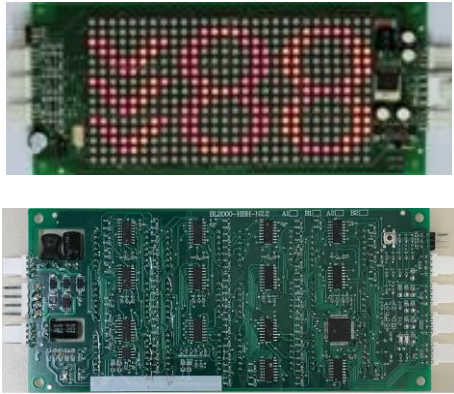
Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HBH-N2.2	Order Information: Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix/Square dot matrix	
Display Direction	Horizontal	
Dimensions of PCB	81mm*178mm*12mm	
Dimensions of installation baseboard	No installation baseboard	
LED Pilot Lamp	None	

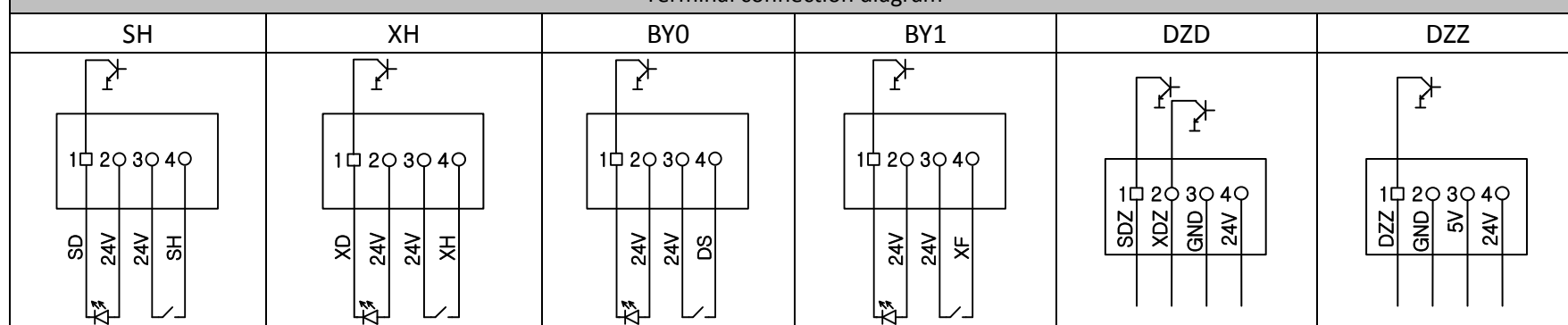
Information for similar type

Model	Display Color	PCB Color
BL2000-HBH-N2.2 A1/B1/A2/B2	Red round dot matrix / Orange round dot matrix / Red square dot matrix / Orange square dot matrix	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 90°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
BY1	2.54-4 90°	Serial fire input	Standby answer	24V	24V	Serial fire input(XF)
DZD	2.54-4 90°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 90°	Arrival bell output	Arrival bell output(DZZ)	GND	5V	24V
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 90°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
JC,EN	2.54-2 90°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

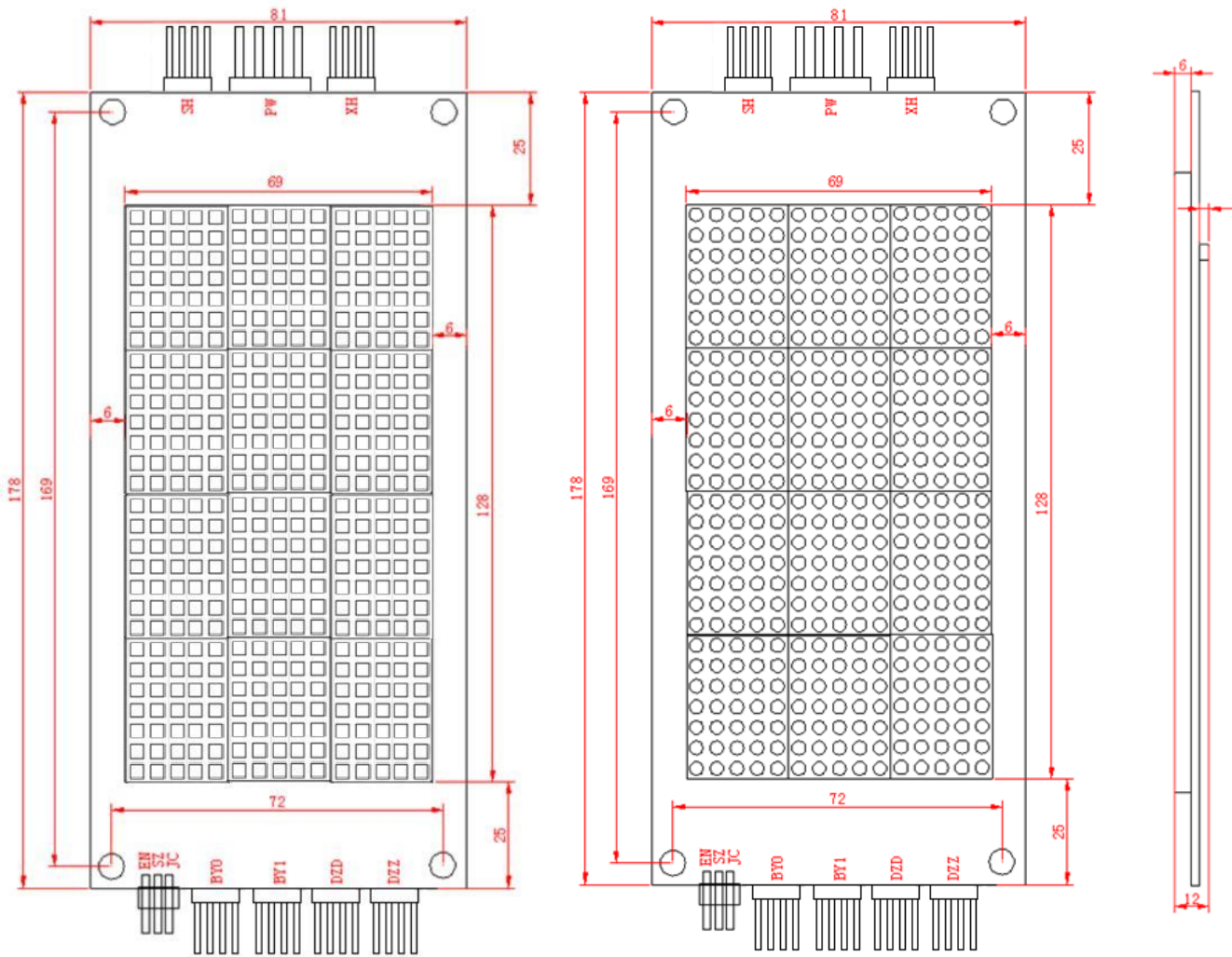
Terminal connection diagram



Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No4 in sequence.

BL2000-HBH-N2.2 Dimensional Drawing

Unit: mm

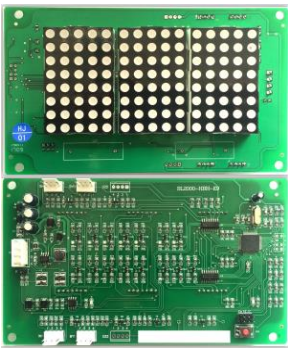


Dimensional Drawing of the front

Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HBH-E9.1	Order Information: A-Conventional supply cycle B-Contact sale manager for confirmation
Type of Dot Matrix	Round dot matrix	
Display Direction	Horizontal	
Dimensions of PCB	98.5mm*162.3mm*22mm	
Dimensions of Installation Baseboard	No installation baseboard	
LED Pilot Lamp	Left and right	

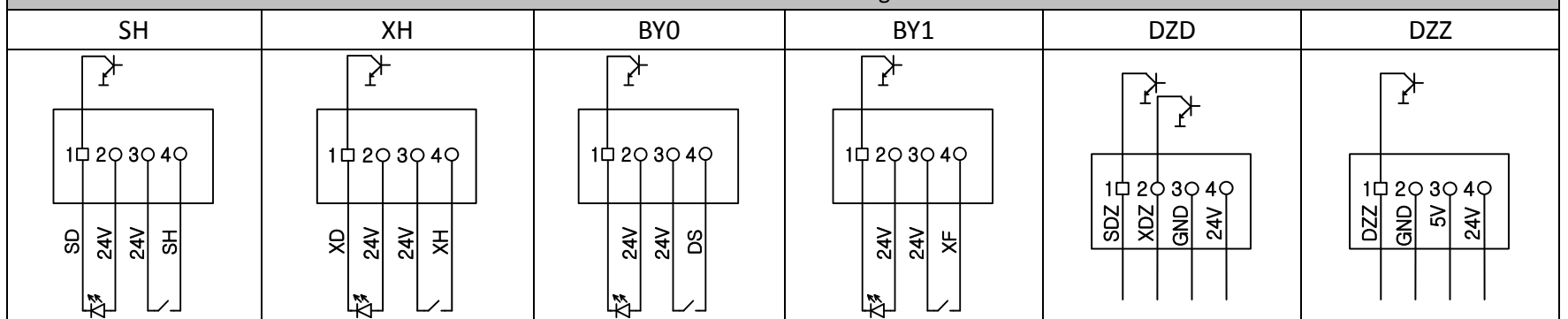
Information for similar type

Model	Display Color	PCB Color
BL2000-HBH-E9.1 A/B	Red/Orange	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
BY1	2.54-4 180°	Serial fire service input	Standby answer	24V	24V	Serial fire input(XF)
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	GND	24V
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs can be variously configured. Refer to Appendix B.1 for details.			
JC,EN	2.54-2 180°	Function Setting Jumper	Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.			

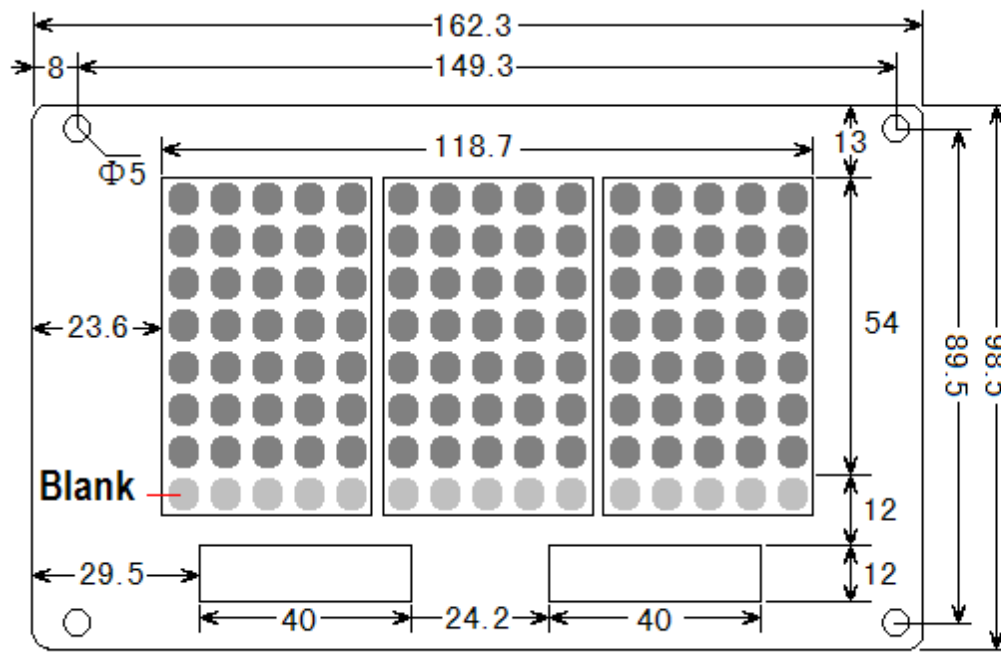
Terminal connection diagram



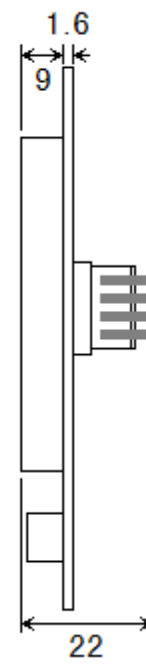
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No4 in sequence.

BL2000-HBH-E9.1 Dimensional Drawing

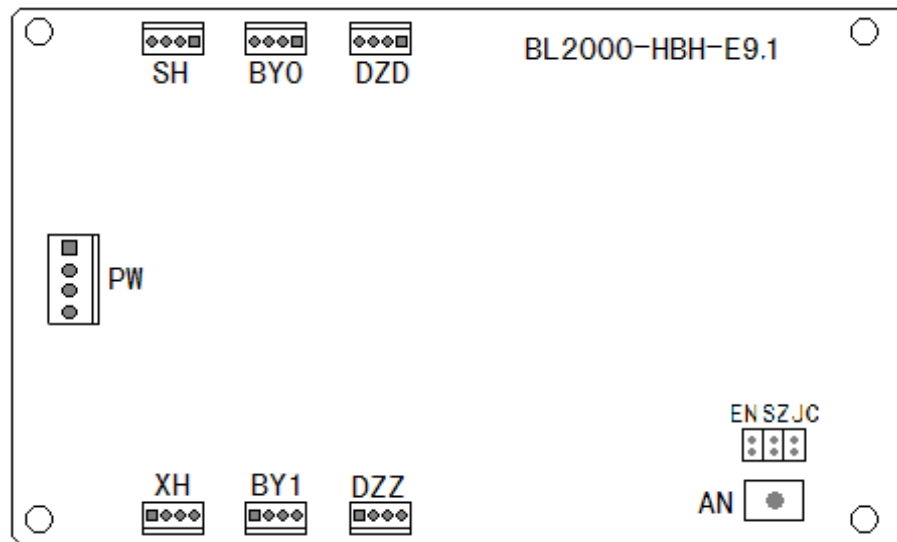
Unit: mm



Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-MBQ-V4.1	Order Information: Conventional supply cycle
LCD type	8 inch TFT true color	 
Display Direction	Horizontal/Vertical	
Dimensions of PCB	155mm*216mm*24mm	
Dimensions of Installation Baseboard	No installation baseboard	

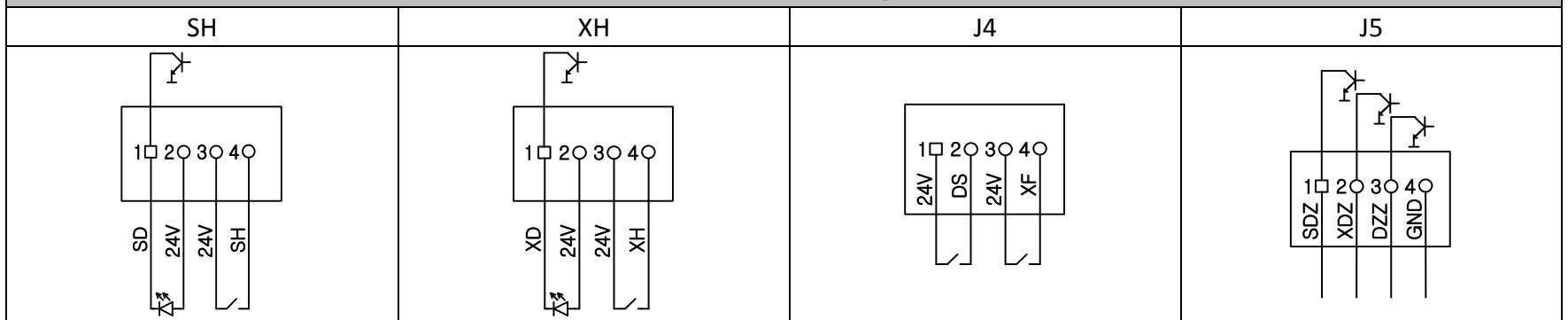
Information for similar type

Model	Display Color	PCB Color
---	---	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW(J1)	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH(J2)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH(J3)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J4	2.54-4 180°	Serial input port	24V	Serial parking input(DS)	24V	Serial fire input(XF)
J5	2.54-4 180°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Down arrival lamp output(DZZ)	GND
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
S7	2.54-2 180°	Memorizer jumper	SD card as memorizer.			
JC,SZ	2.54-2 180°	Function Setting Jumper	Short JC and SZ at the same time, after power on, enter the setting mode. Elevator status, background picture, and other functions will be configured. Refer to user manual for details.			

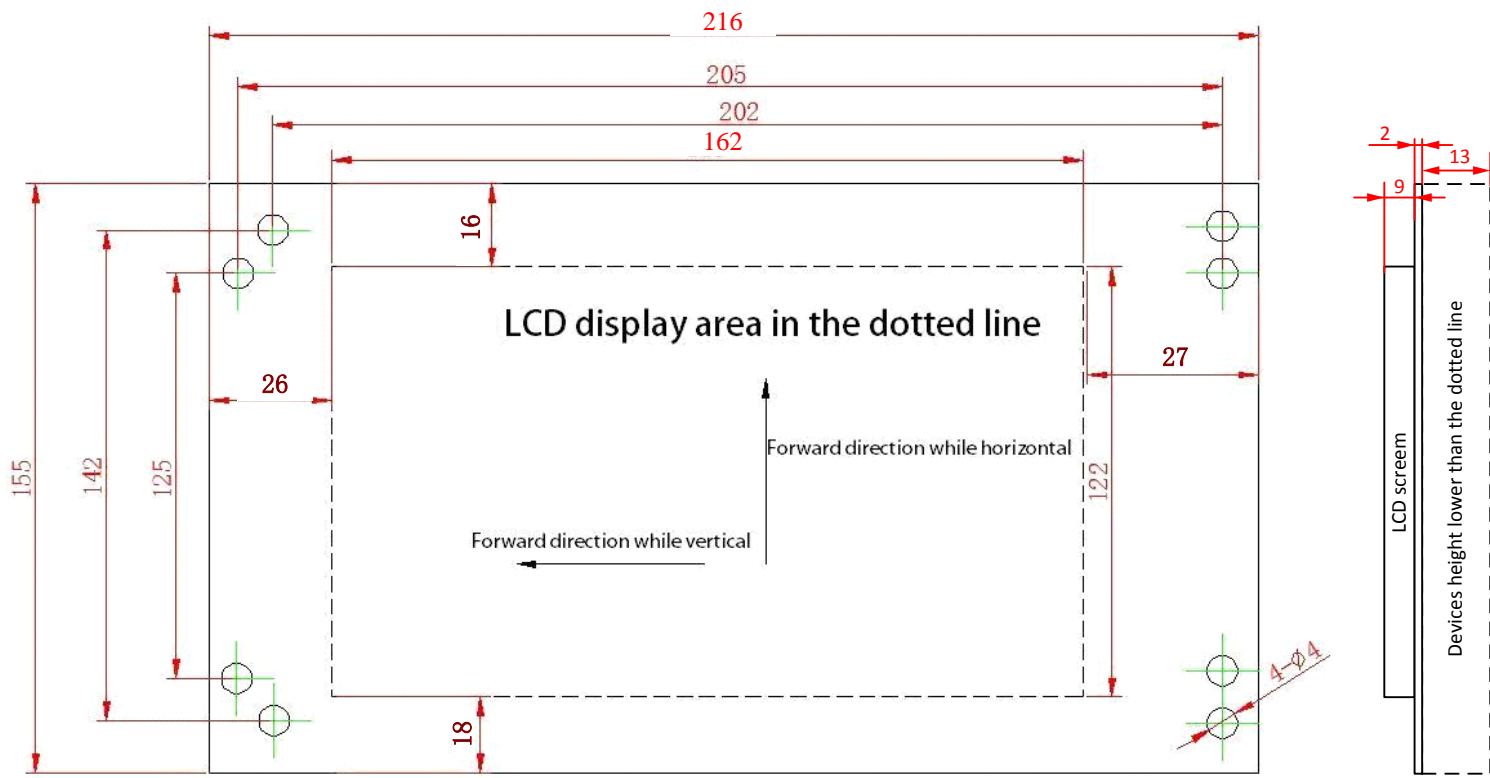
Terminal connection diagram



Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

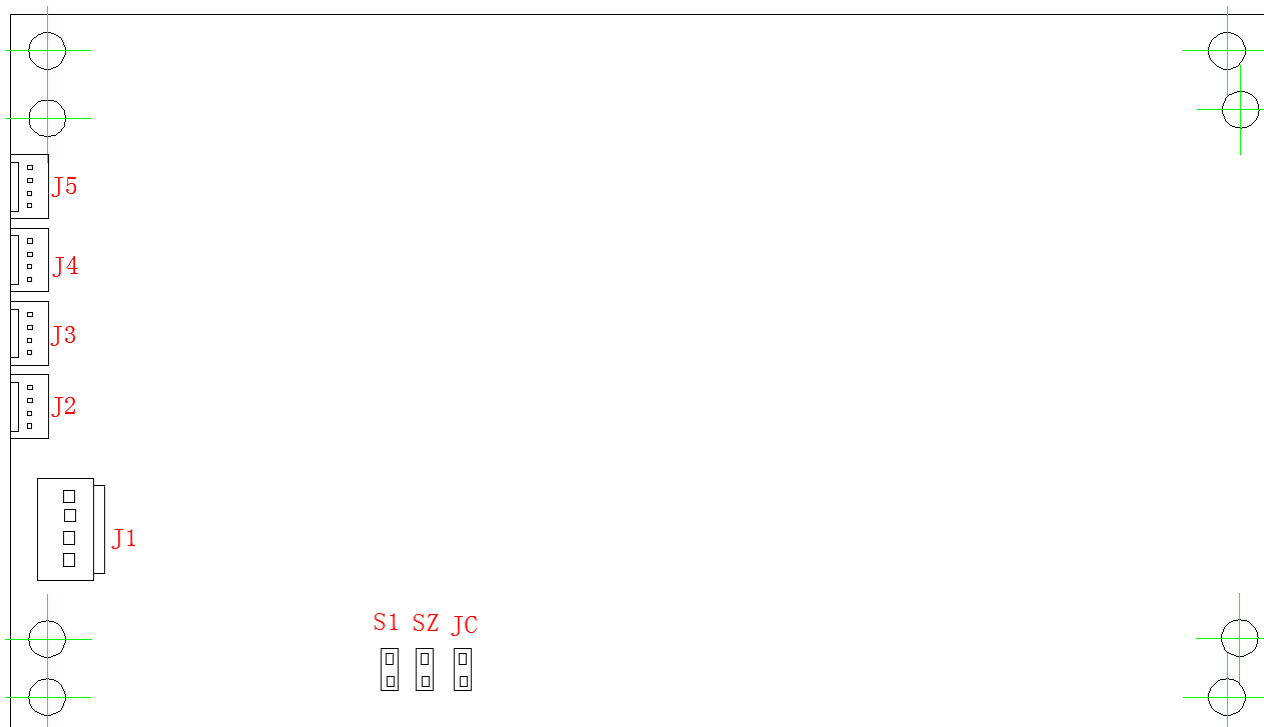
BL2000-MBQ-V4.1 Dimensional Drawing

Unit: mm





Dimensional Drawing of the front

Dimensional Drawing of the back



Dimensional Drawing of the back

Model	BL2000-HEH-L4	Order Information: Conventional supply cycle
LCD type	4.3 inch TFT true color	 
Display Direction	Horizontal/Vertical	
Dimensions of PCB	70mm*161mm*9.6mm	
Dimensions of Installation Baseboard	No installation baseboard	

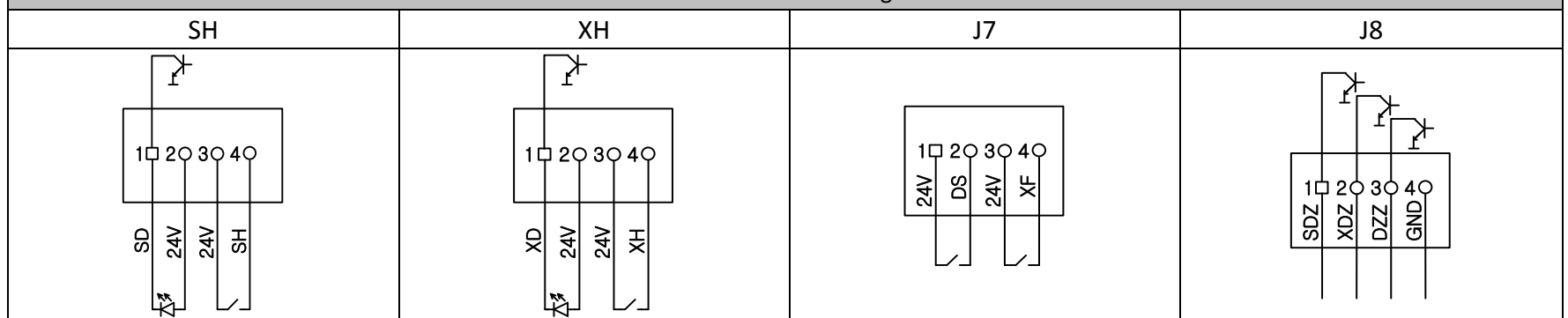
Information for similar type

Model	Display Color	PCB Color
--	--	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW(J1)	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH(J5)	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH(J6)	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J7	2.54-4 90°	Serial parking input	24V	Serial parking input(DS)	24V	Serial fire input(XF)
J8	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 90°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ at the same time, after power on, enter the setting mode. Elevator status, background picture, and other functions will be configured. Refer to user manual for details.			

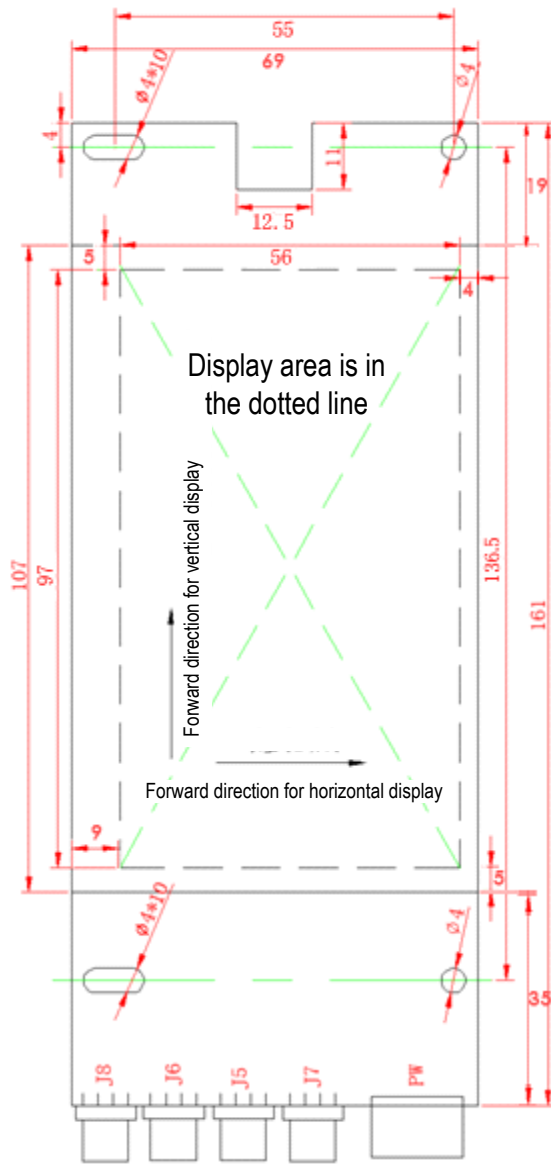
Terminal connection diagram



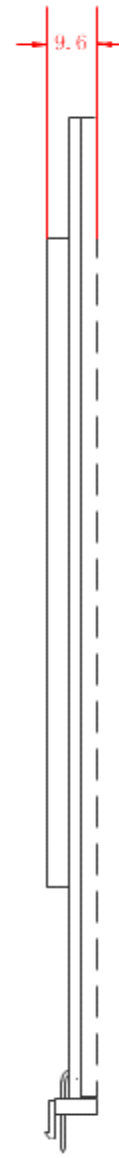
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

BL2000-HEH-L4 Dimensional Drawing

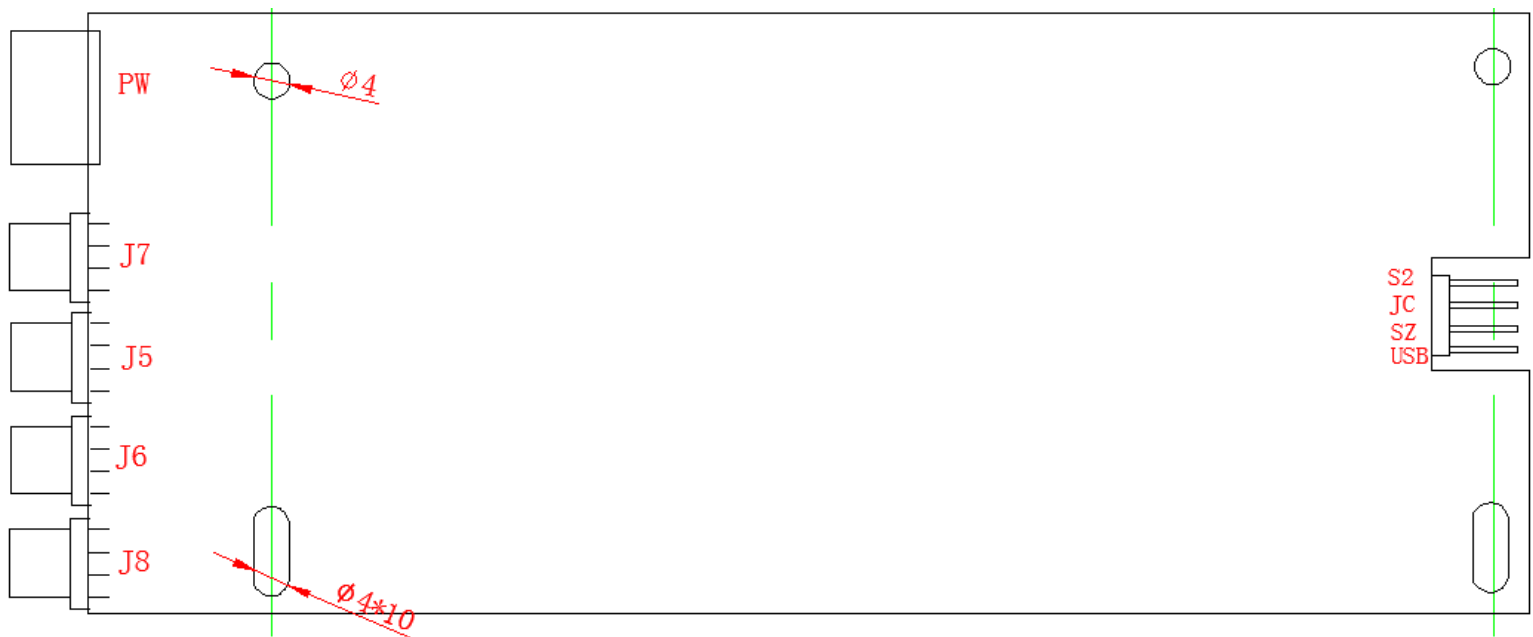
Unit: mm





Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HEH-M2.3	Order Information: Conventional supply cycle
LCD type	5.6-inch TFT true color	 
Display Direction	Horizontal/Vertical	
Dimensions of PCB	122mm*152mm*26.5mm	
Dimensions of installation baseboard	No installation baseboard	

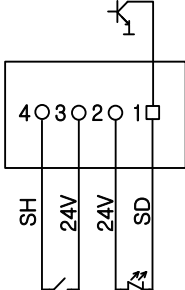
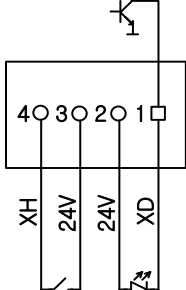
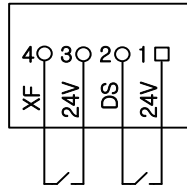
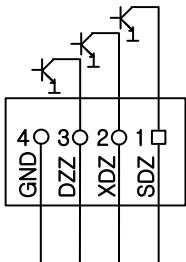
Information for similar type

Model	Display Color	PCB Color
--	--	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW(J1)	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH(J2)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH(J3)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J4	2.54-4 180°	Serial input port	24V	Serial parking input(DS)	24V	Serial fire input(XF)
J5	2.54-4 180°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details			
AN		Address Setting key	Refer to Appendix A.1 for details			
S7	2.54-2 180°	memory jumper	SD card as memory			
JC,SZ	2.54-2 180°	Function Setting Jumper	Short JC and SZ at the same time, after power on, enter the setting mode. Elevator status, background picture, and other functions will be configured. Refer to user manual for details.			

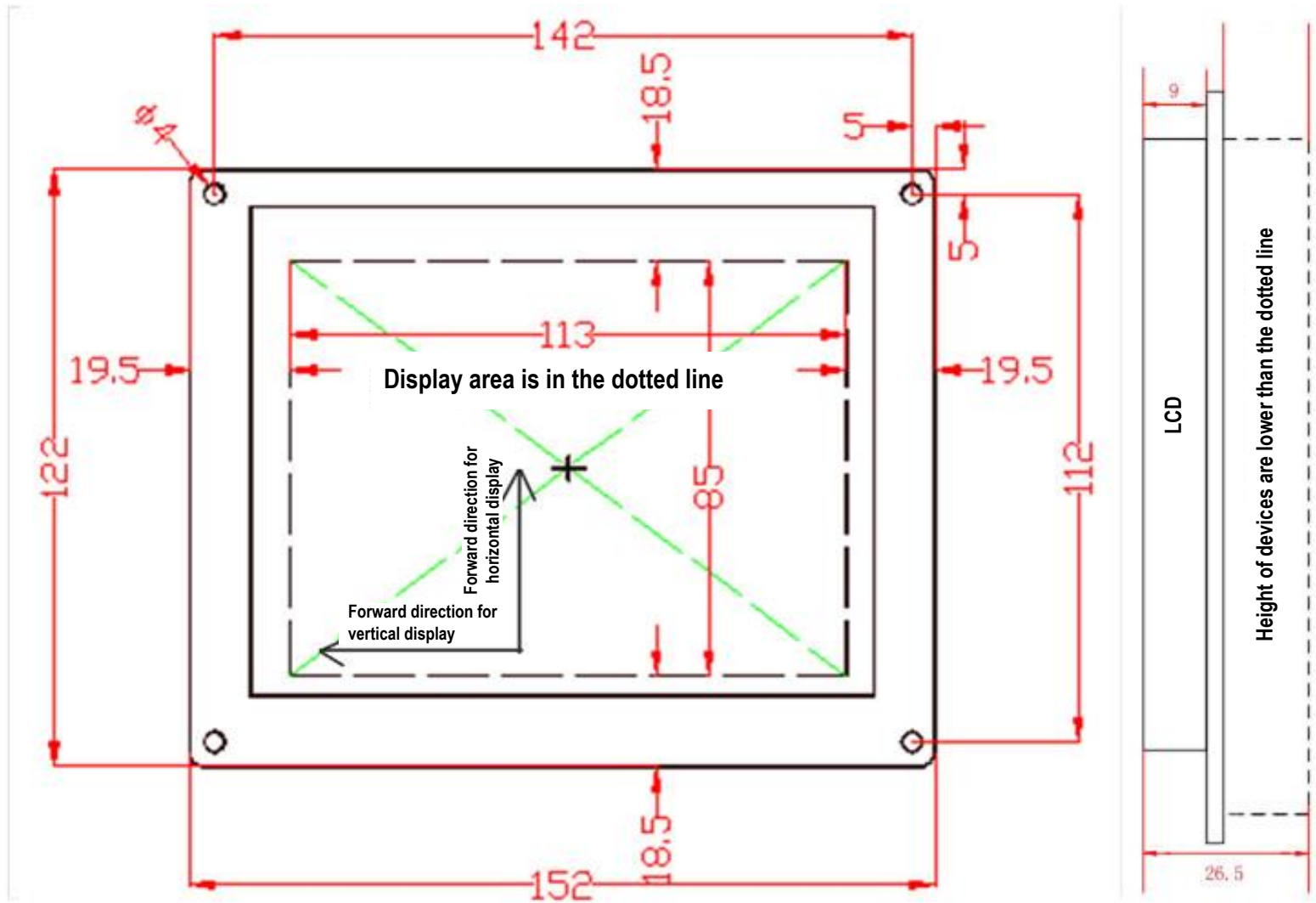
Terminal connection diagram

SH	XH	J4	J5
			

Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

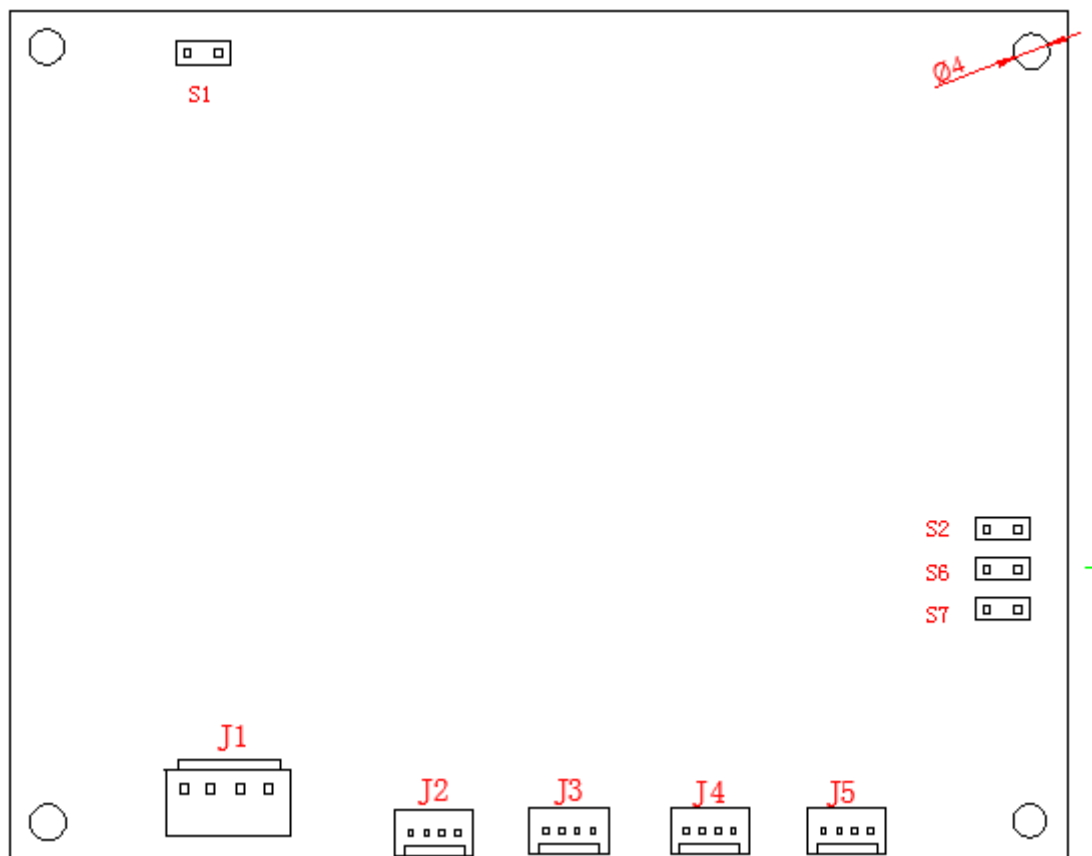
BL2000-HEH- M2.3 Dimensional Drawing

Unit: mm




Dimensional Drawing of the front

Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HEH-M3	Order Information: Contact sale manager for confirmation
LCD type	5.6-inch TFT true color	
Display Direction	Horizontal/Vertical	
Dimensions of PCB	122mm*172mm*18mm	
Dimensions of installation baseboard	No installation baseboard	

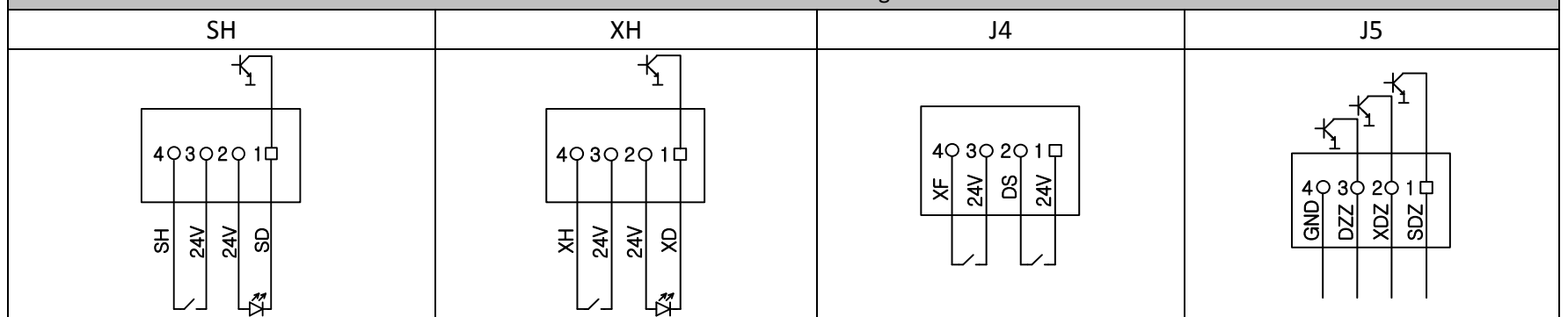
Information for similar type

Model	Display Color	PCB Color
--	--	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW(J1)	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH(J2)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH(J3)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J4	2.54-4 180°	Serial input port	24V	Serial parking input(DS)	24V	Serial fire input(XF)
J5	2.54-4 180°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details			
AN		Address Setting key	Refer to Appendix A.1 for details			
S7	2.54-2 180°	memory jumper	SD card as memory			
JC,SZ	2.54-2 180°	Function Setting Jumper	Short JC and SZ at the same time, after power on, enter the setting mode. Elevator status, background picture, and other functions will be configured. Refer to user manual for details.			

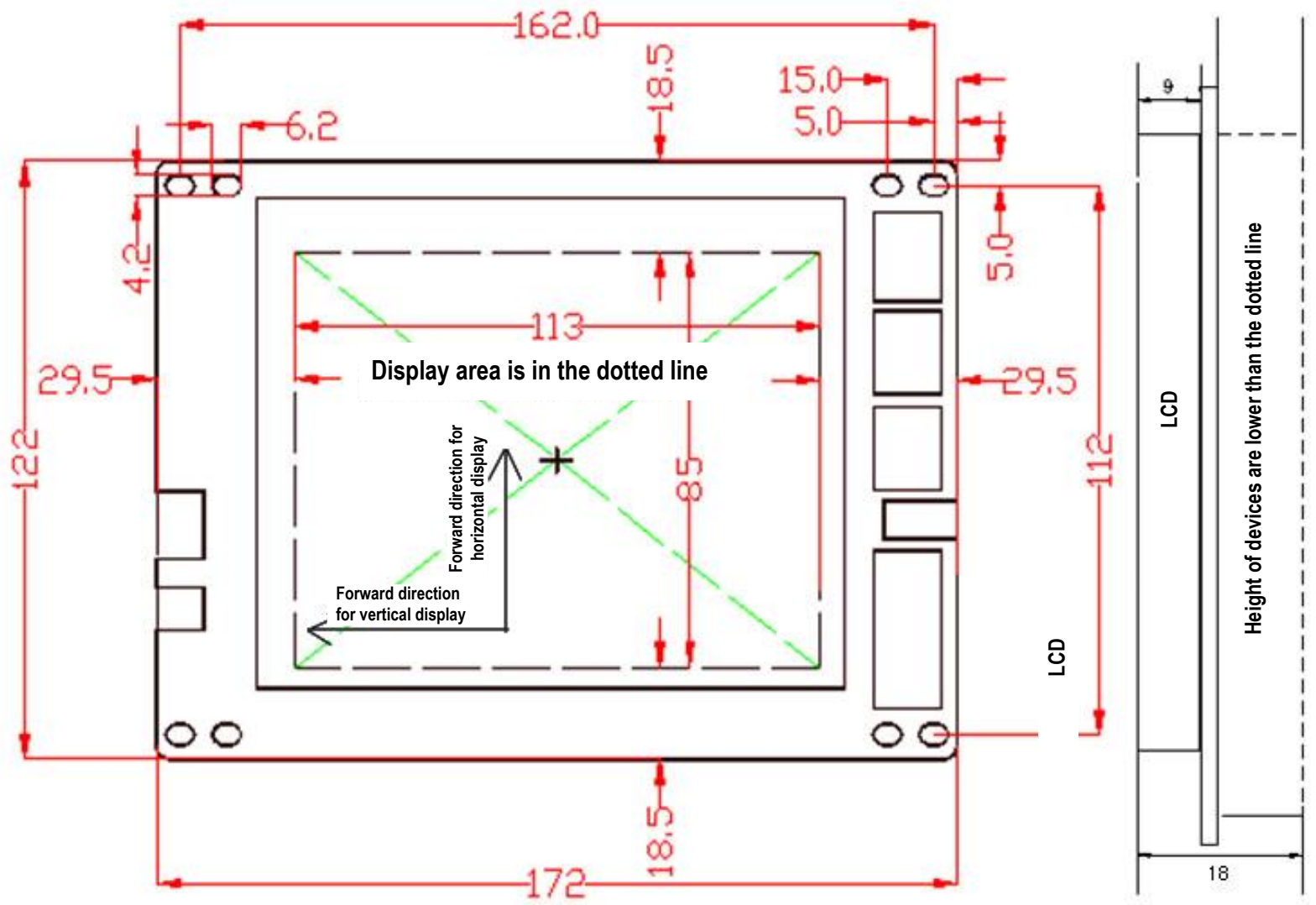
Terminal connection diagram



Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

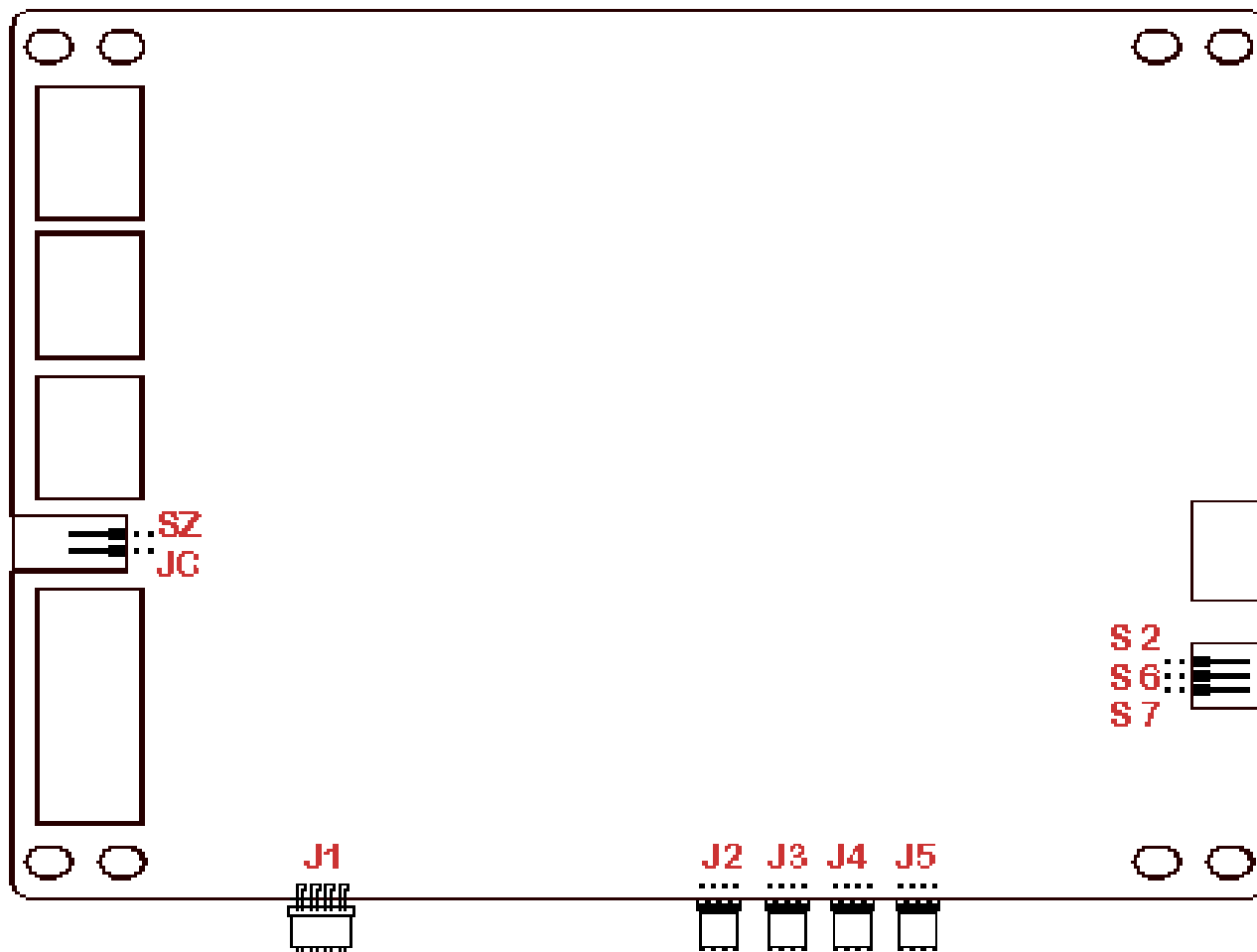
BL2000-HEH- M3 Dimensional Drawing

Unit: mm

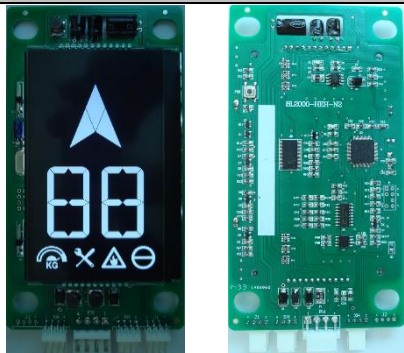


Dimensional Drawing of the front

Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HEH-N2.1	Order Information: Conventional supply cycle
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	140mm*76mm*13.5mm	
Dimensions of installation baseboard	143mm*79mm*13mm	

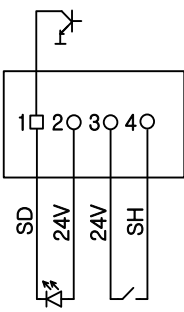
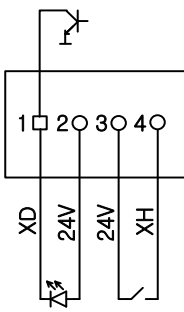
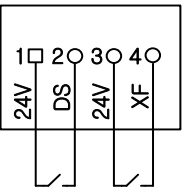
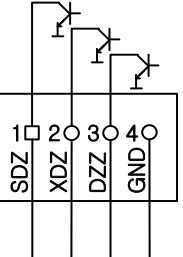
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-N2.1 A/B/C	White character with Blue background /White character with Black background / Yellow character with Black background	Green

Terminal definition and function description

Terminal	Terminal Specification	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
AN		Address Setting key-press	Refer to Appendix A.1 and A.2 for details.			
JC	2.54-2 90°	Checking & Function Setting Jumper	Short JC, after power on, enter the self-checking mode. Press the up call button and down call button at the same time, 2 or 3 seconds later, enter the function setting mode, various display information can be configured. Refer to Appendix B.2 for details.			

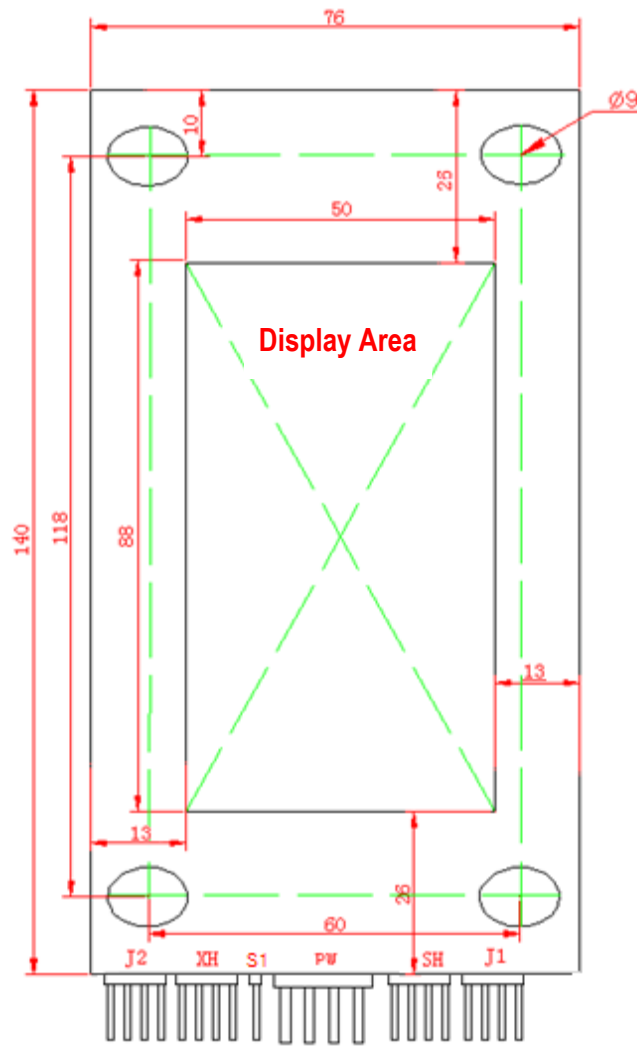
Terminal connection diagram

SH	XH	J1	J2
			

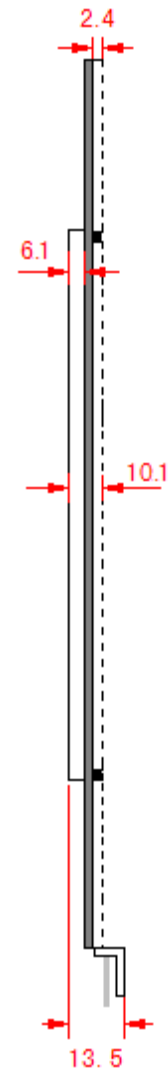
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

BL2000-HEH-N2.1 Dimensional Drawing

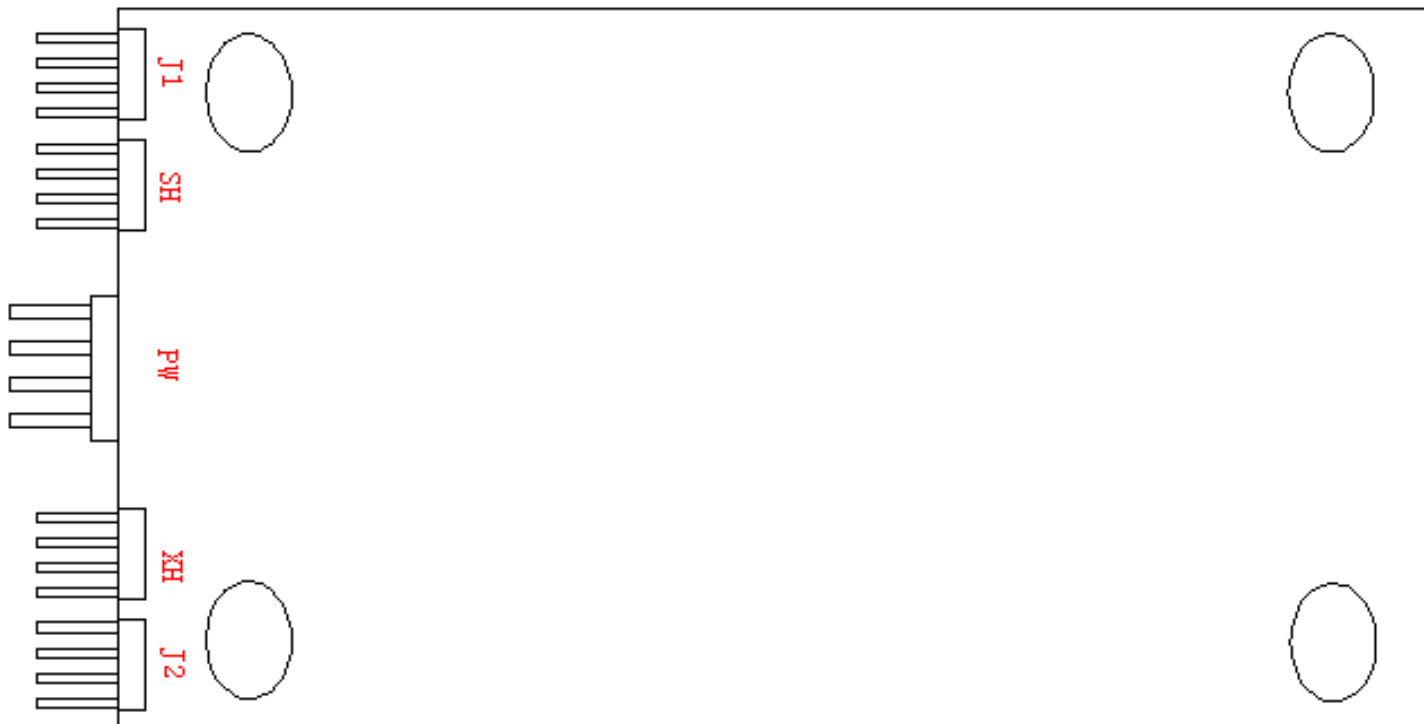
Unit: mm



Dimensional Drawing of the front




Dimensional Drawing of side



Dimensional Drawing of the back

Note: Refer to fig.2 in Appendix C for the dimensions of installation baseboard.

Model	BL2000-HEH-N4.1	Order Information: B-Conventional supply cycle C/D-Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	134mm*72mm*7.5mm	
Dimensions of installation baseboard	No installation baseboard	

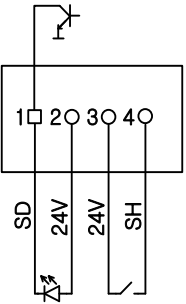
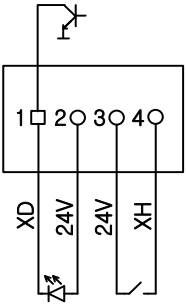
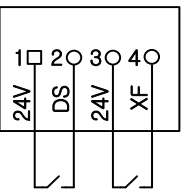
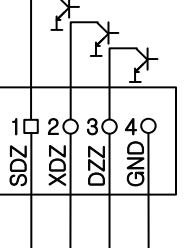
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-N4.1 B/C/D	White character with Black background / Orange character with Black background / Yellow-green character with Black background	Black

Terminal definition and function description

Terminal	Terminal Specification	Function	Pin definition			
			1	2	3	4
PW	2.54-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 90°	Address Setting Jumper	Refer to Appendix A.1, A.2 for details			
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ at the same time, after power on, enter the setting mode. Refer to the user manual for details.			

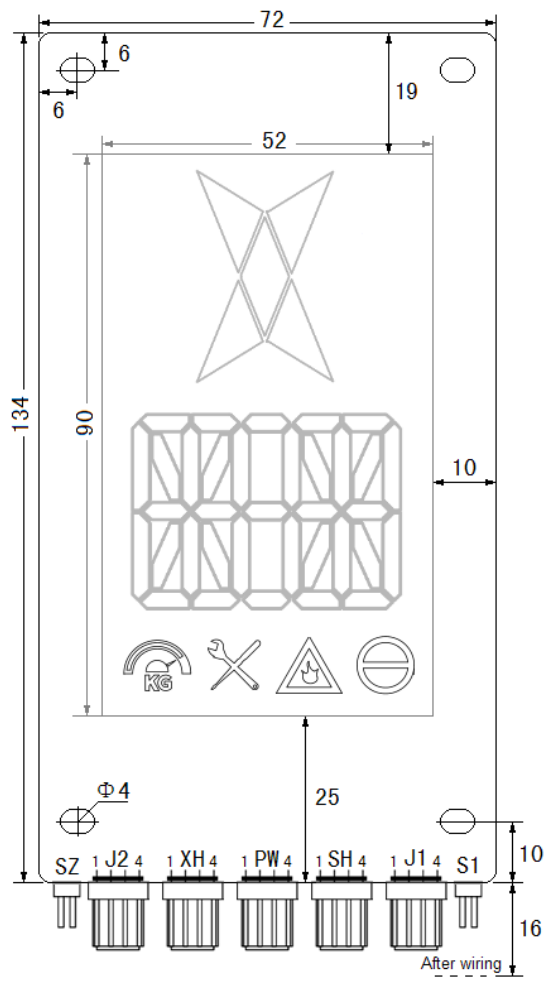
Terminal connection diagram

SH	XH	J1	J2
			

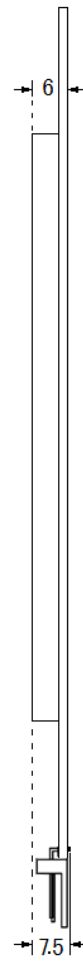
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

BL2000-HEH-N4.1 Dimensional Drawing

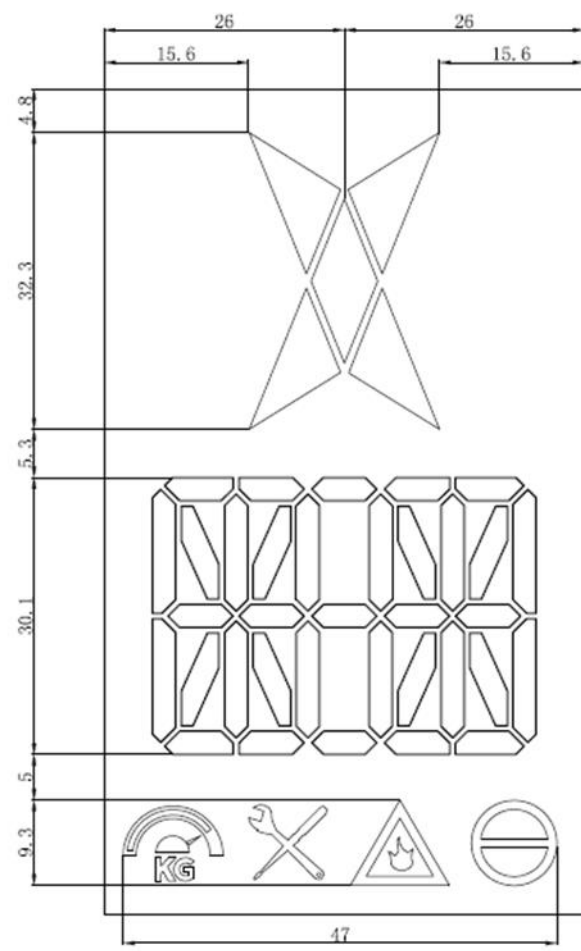
Unit: mm



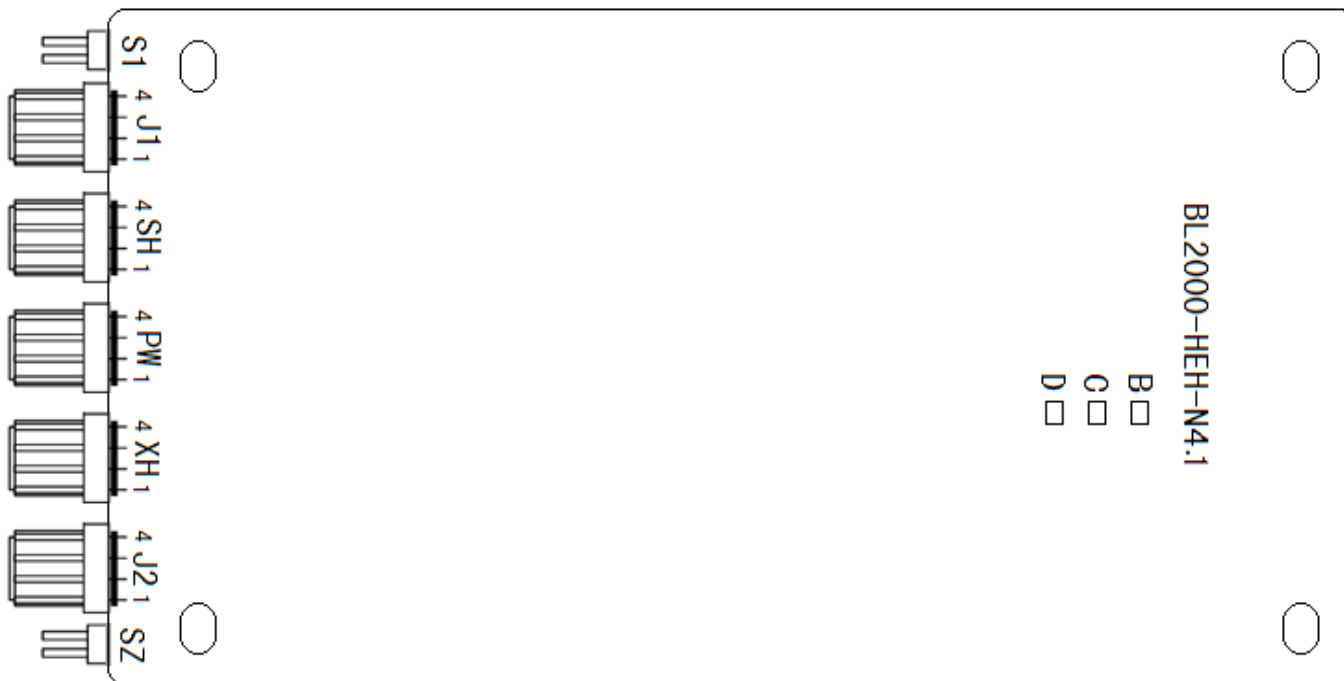
Dimensional Drawing of the front




Dimensional Drawing of side



Dimensional Drawing of display area

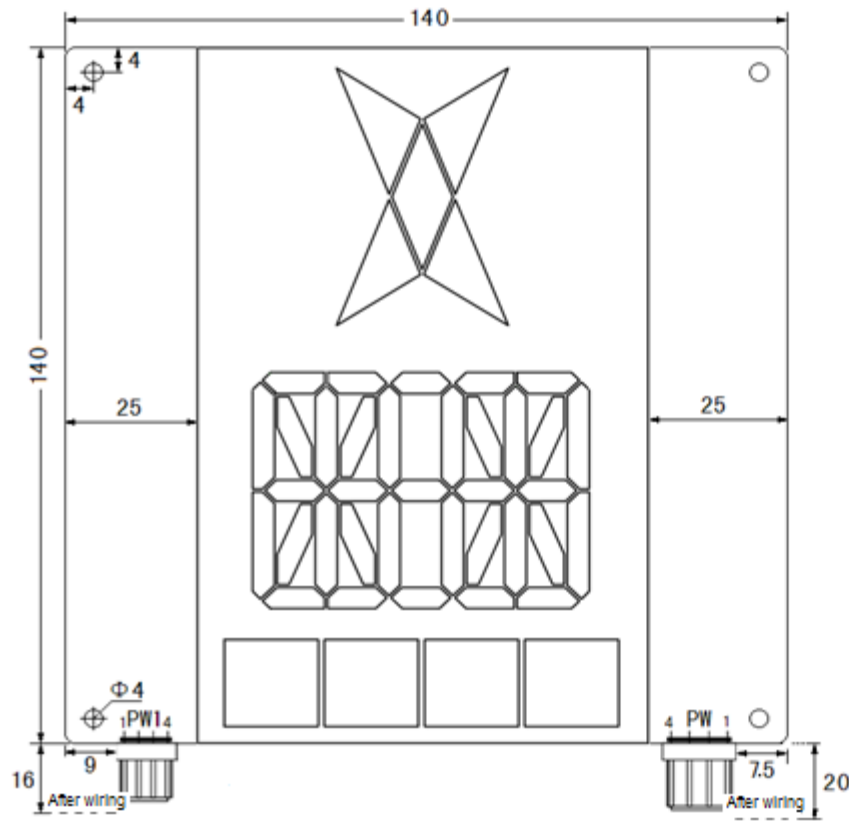


Dimensional Drawing of the back

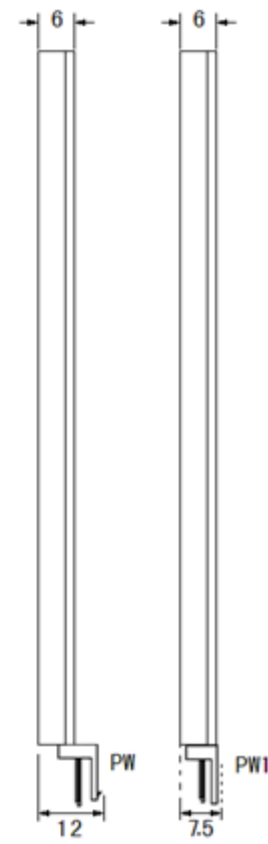
Model		BL2000-HEH-N6		Order Information: Contact sale manager for confirmation			
LCD type		Segment LCD					
Display Direction		Vertical					
Dimensions of PCB		140mm*140mm*12mm					
Dimensions of installation baseboard		No installation baseboard					
Information for similar type							
Model		Display Color			PCB Color		
BL2000-HEH-N4.1 B/C/D		White character with Black background / Orange character with Black background / Yellow-green character with Black background			Black		
Terminal definition and function description							
Terminal	Terminal Specification	Function	Pin definition				
			1	2	3	4	
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL	
PW1	2.54-4 90°	Power & Communication (Optional welding)	24V	GND	CANH	CANL	
<p>PW and PW1 are all power supply ports. PW is 3.96 mm pitch, and PW1 is 2.54 mm pitch. The product with PW is 12 mm thick, and with PW1 is 7.5mm thick.</p>							
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.				
SZ	2.54-2 90°	Address Setting Jumper	Short SZ, then power on to enter setting function. Refer to the user manual for details.				
<p>Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.</p>							

BL2000-HEH-N6 Dimensional Drawing

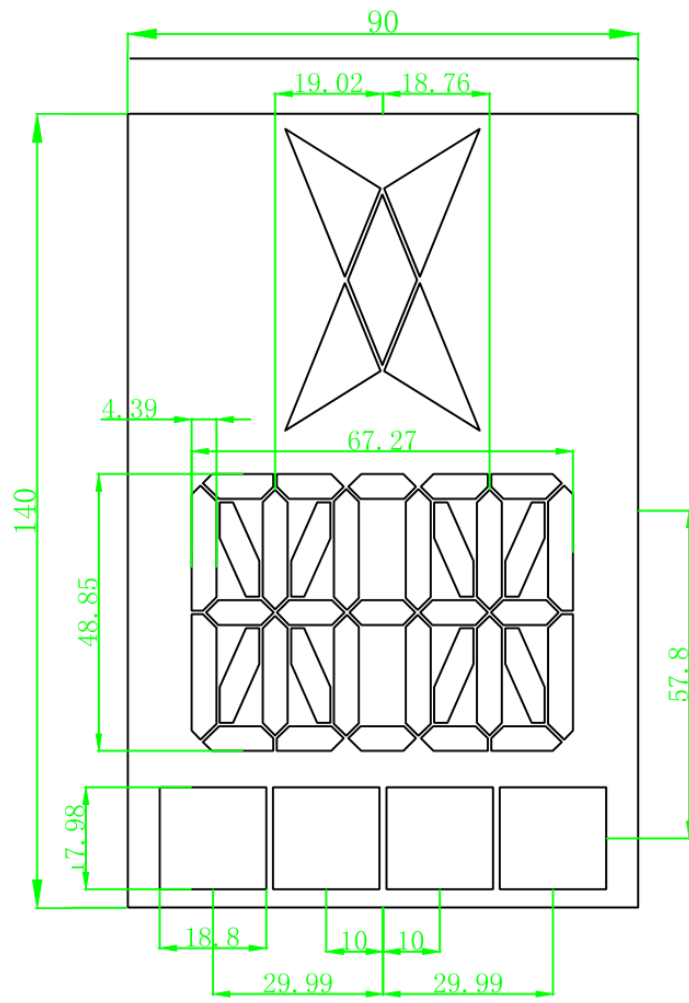
Unit: mm



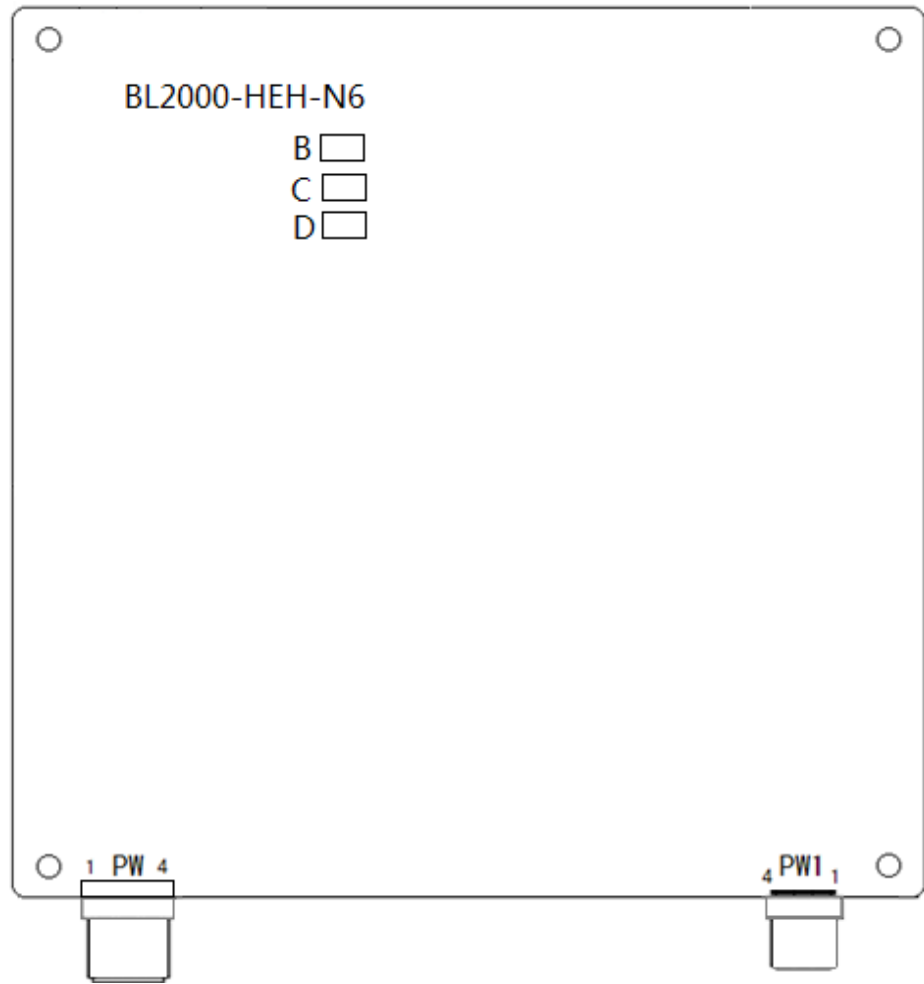
Dimensional Drawing of the front



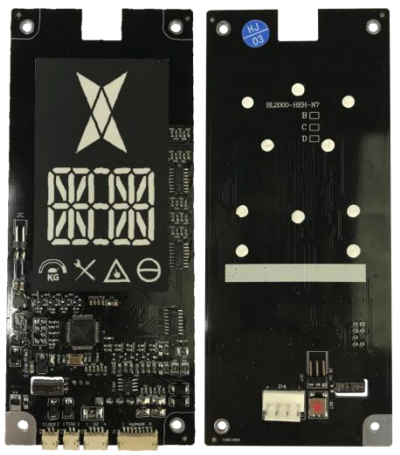
Dimensional Drawing of side



Dimensional Drawing of display area



Dimensional Drawing of the back

Model	BL2000-HEH-N7	Order Information: Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	172mm*74mm*19mm (The thickness contains PW power terminals of 11mm)	
Dimensions of installation baseboard	No installation baseboard	
LED Pilot Lamp	None	

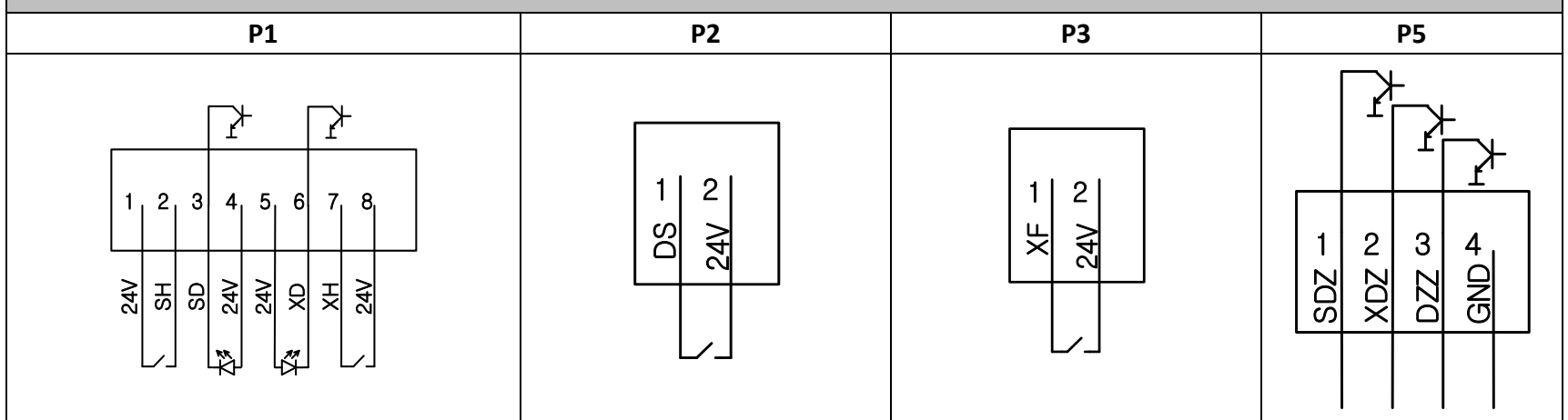
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-N7 B/C/D	White character with Black background / Orange character with Black background / Yellow-green character with Black background	Black

Terminal definition and function description

Terminal	Terminal Specification	Function	Pin definition							
			1	2	3	4	5	6	7	8
P1	ZH-WT-8A	Up & down call button	24V	Up call input (SH)	Up call answer (SD)	24V	24V	Down call answer (XD)	Down call input (XH)	24V
P2	ZH-WT-2A	Serial parking input	Serial parking input (DS)	24V						
P3	ZH-WT-2A	Serial fire input	Serial fire input (XF)	24V						
P4	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL				
P5	ZH-WT-4A	Arrival signals output	Up arrival lamp output (SDZ)	Down arrival lamp output (XDZ)	Arrival bell output (DZZ)	GND				
J5	2.54-3-90°	CAN communication terminal resistor jumper (on board)	Short ON jumper to connect CAN communication terminal resistor.							
SET		Address Setting button	Refer to Appendix A.1, A.2 for details.							
JC	2.54-2-90°	Checking Function Jumper	Short JC, after power on, enter the self-checking mode, refer to the user manual.							

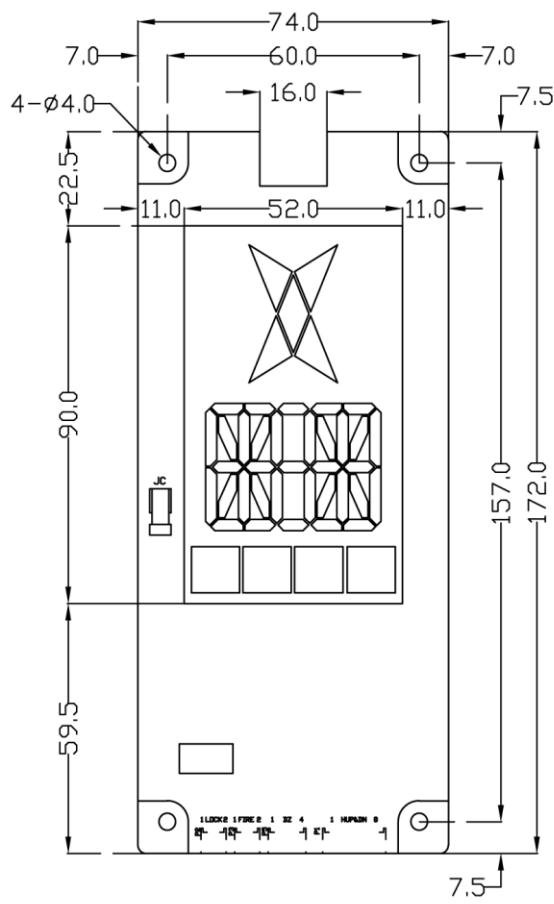
Terminal connection diagram



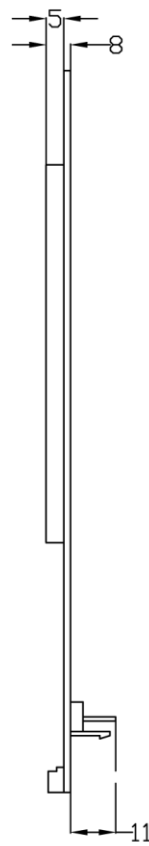
Note: Terminal P1, P2, P3 and P5 are of ZH-WT series.

BL2000-HEH-N7 Dimensional Drawing

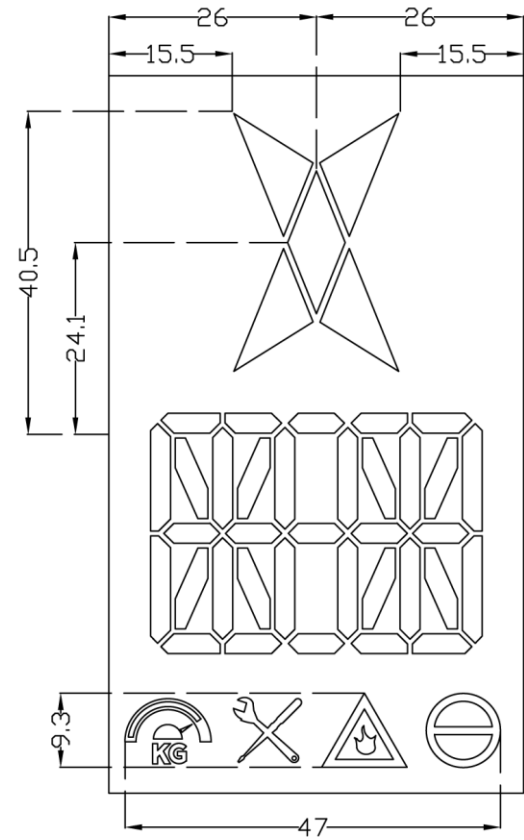
Unit: mm



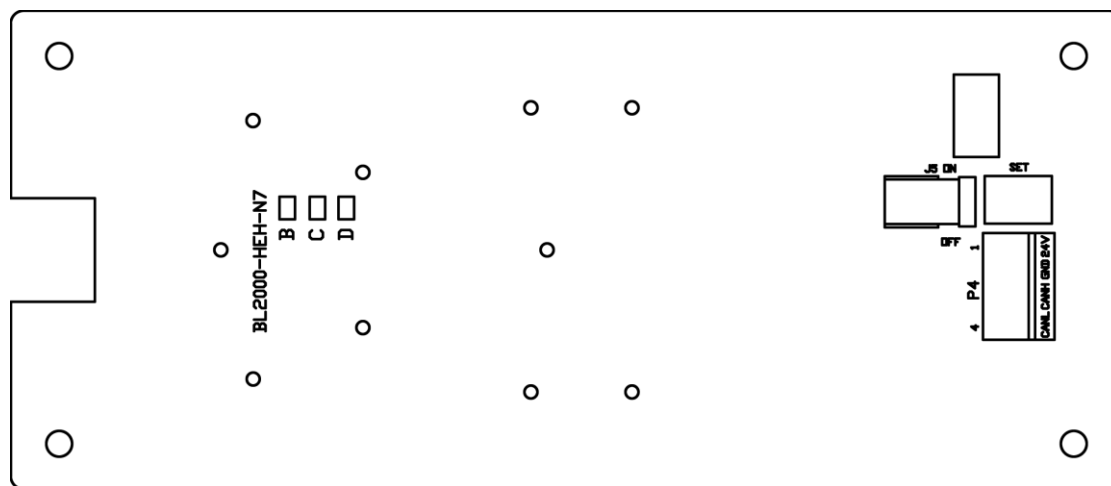
Dimensional Drawing of the front



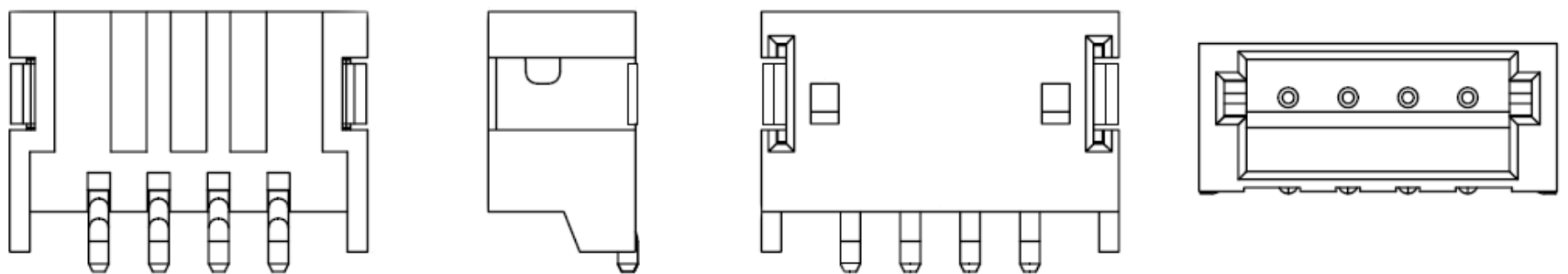
Dimensional Drawing of side




Dimensional Drawing of vertical screen



Dimensional Drawing of the back



Schematic diagram of ZH-WT series terminals

Model	BL2000-HEH-N8	Order Information: Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	172mm*74mm*19mm (The thickness contains PW power terminals. 11mm)	
Dimensions of installation baseboard	No installation baseboard	
LED Pilot Lamp	None	

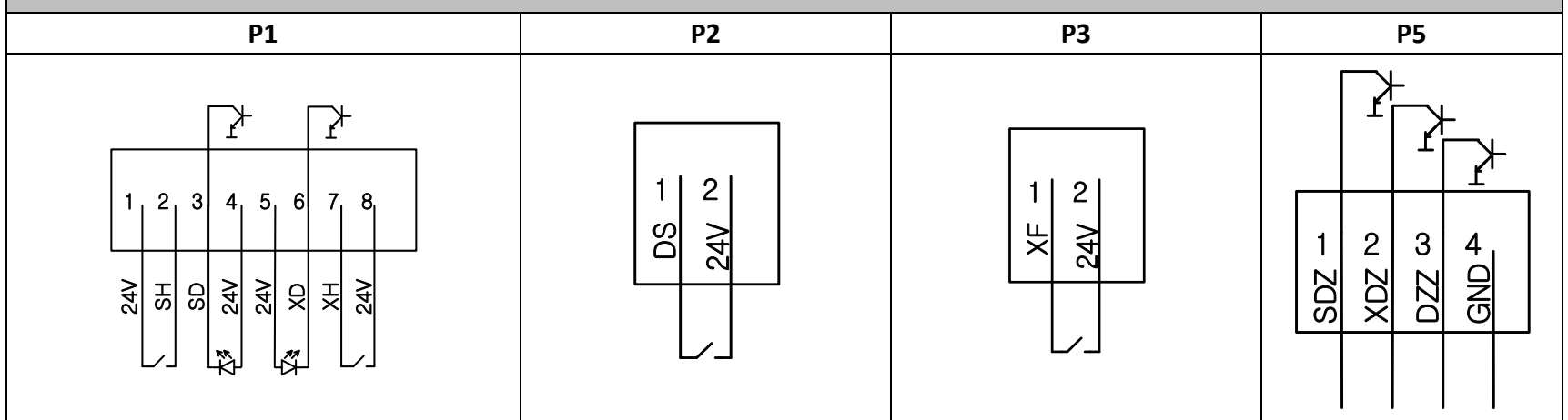
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-N8 A/B/C	White character with Blue background / White character with Black background / Yellow character with Black background	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition							
			1	2	3	4	5	6	7	8
P1	ZH-WT-8A	Up & down call button	24V	Up call input (SH)	Up call answer (SD)	24V	24V	Down call answer (XD)	Down call input (XH)	24V
P2	ZH-WT-2A	Serial parking input	Serial parking input (DS)	24V						
P3	ZH-WT-2A	Serial fire input	Serial fire input (XF)	24V						
P4	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL				
P5	ZH-WT-4A	Arrival signals output	Up arrival lamp output (SDZ)	Down arrival lamp output (XDZ)	Arrival bell output (DZZ)	GND				
J5	2.54-3-90°	CAN communication terminal resistor jumper (on board)	Short ON jumper to connect CAN communication terminal resistor.							
SET		Address Setting button	Refer to Appendix A.1, A.2 for details.							
JC	2.54-2-90°	Checking Function Jumper	Short JC, after power on, enter the self-checking mode, refer to the user manual.							

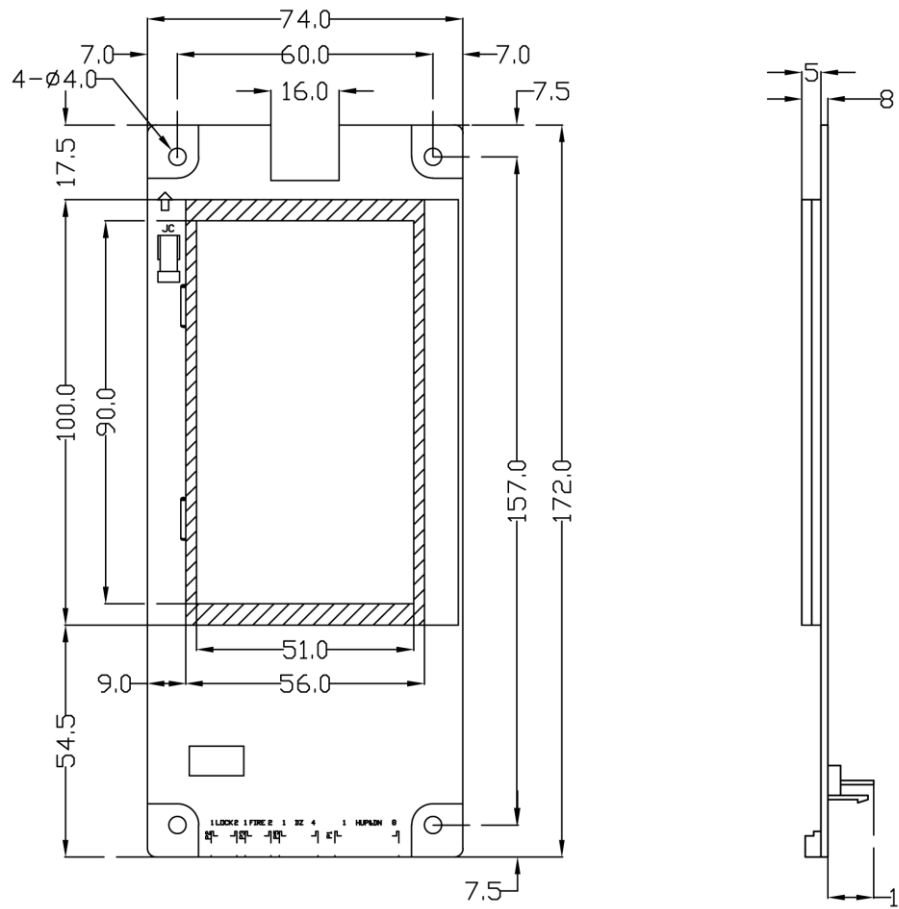
Terminal connection diagram



Note: Terminal P1, P2, P3 and P5 are of ZH-WT series.

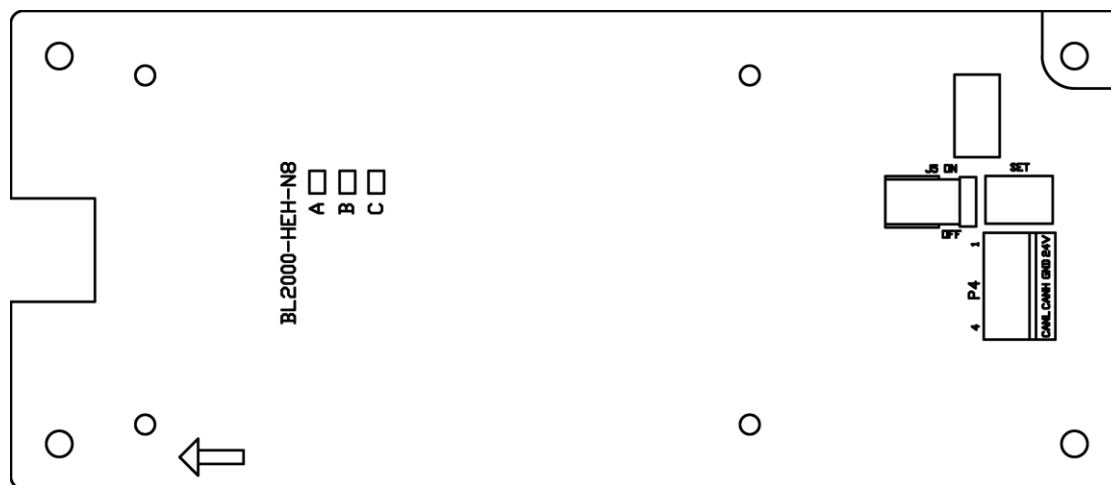
BL2000-HEH-N8 Dimensional Drawing

Unit: mm

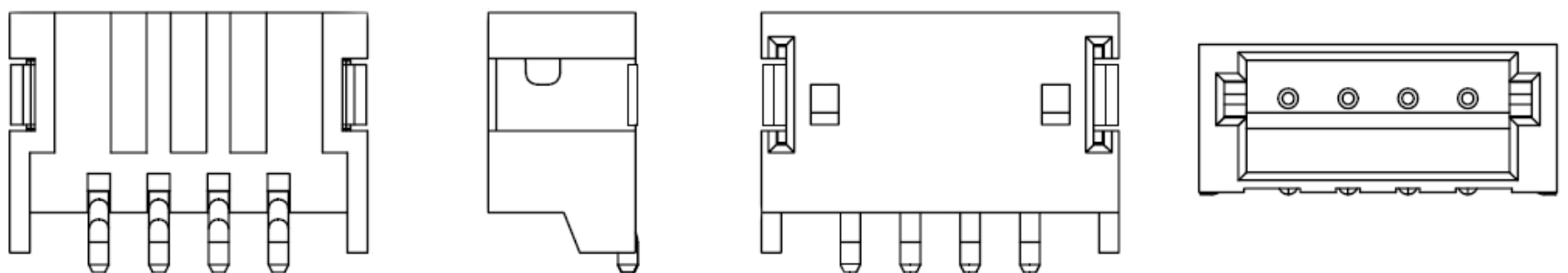


Dimensional Drawing of the front


Dimensional Drawing of side



Dimensional Drawing of the back



Schematic diagram of ZH-WT series terminals

Model	BL2000-HEH-P1	Order Information: A/B-Conventional supply cycle C-Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	176mm*126mm*13.5mm	
Dimensions of Installation Baseboard	No installation baseboard	

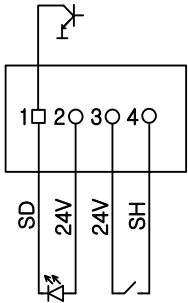
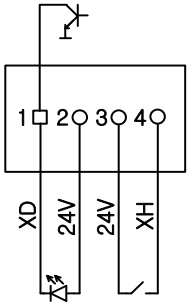
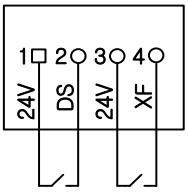
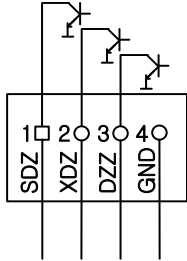
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-P1 A/B/C	White character with Blue background /White character with Black background / Yellow character with Black background	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
AN		Address Setting key-press	Refer to Appendix A.1 and A.2 for details.			
JC	2.54-2 90°	Checking & Function Setting Jumper	Short JC, after power on, enter the self-checking mode. Press the up call button and down call button at the same time, 2 or 3 seconds later, enter the function setting mode, various display information can be configured. Refer to Appendix B.2 for details.			

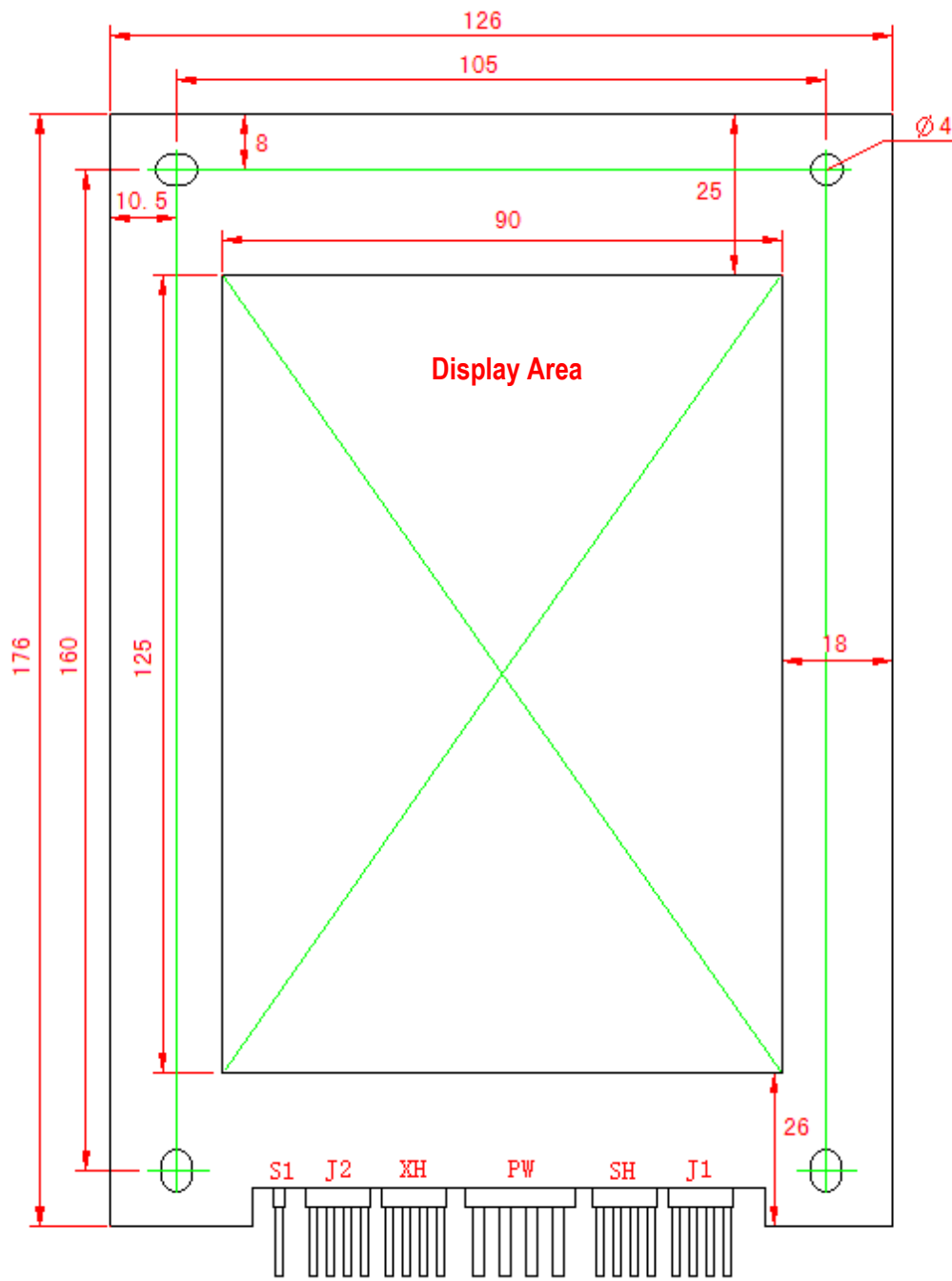
Terminal connection diagram

SH	XH	J1	J2
			

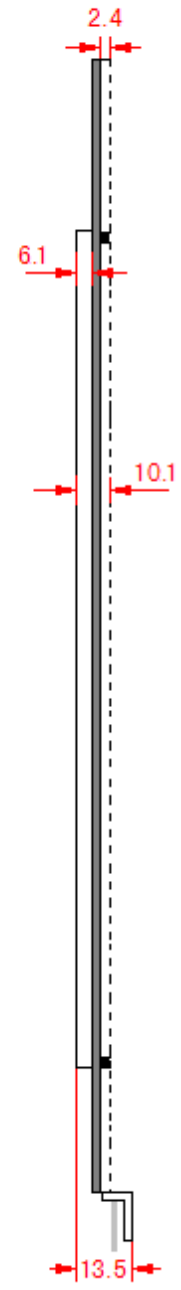
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

BL2000-HEH-P1 Dimensional Drawing

Unit: mm



Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HEH-Q1	Order Information: A/B-Conventional supply cycle C-Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Horizontal	
Dimensions of PCB	136mm*154mm*13.5mm	
Dimensions of installation baseboard	No installation baseboard	

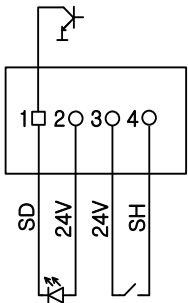
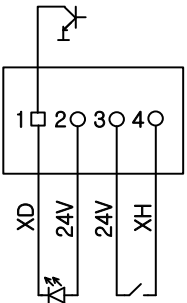
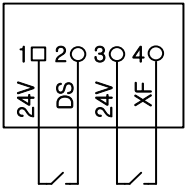
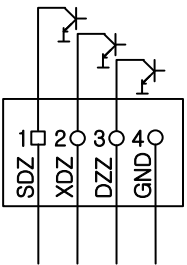
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-Q1 A/B/C	A: White character with Blue background /B: White character with Black background /C: Yellow character with Black background	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
AN		Address Setting key-press	Refer to Appendix A.1 and A.2 for details.			
JC	2.54-2 90°	Checking & Function Setting Jumper	Short JC, after power on, enter the self-checking mode. Press the up call button and down call button at the same time, 2 or 3 seconds later, enter the function setting mode, various display information can be configured. Refer to Appendix B.2 for details.			

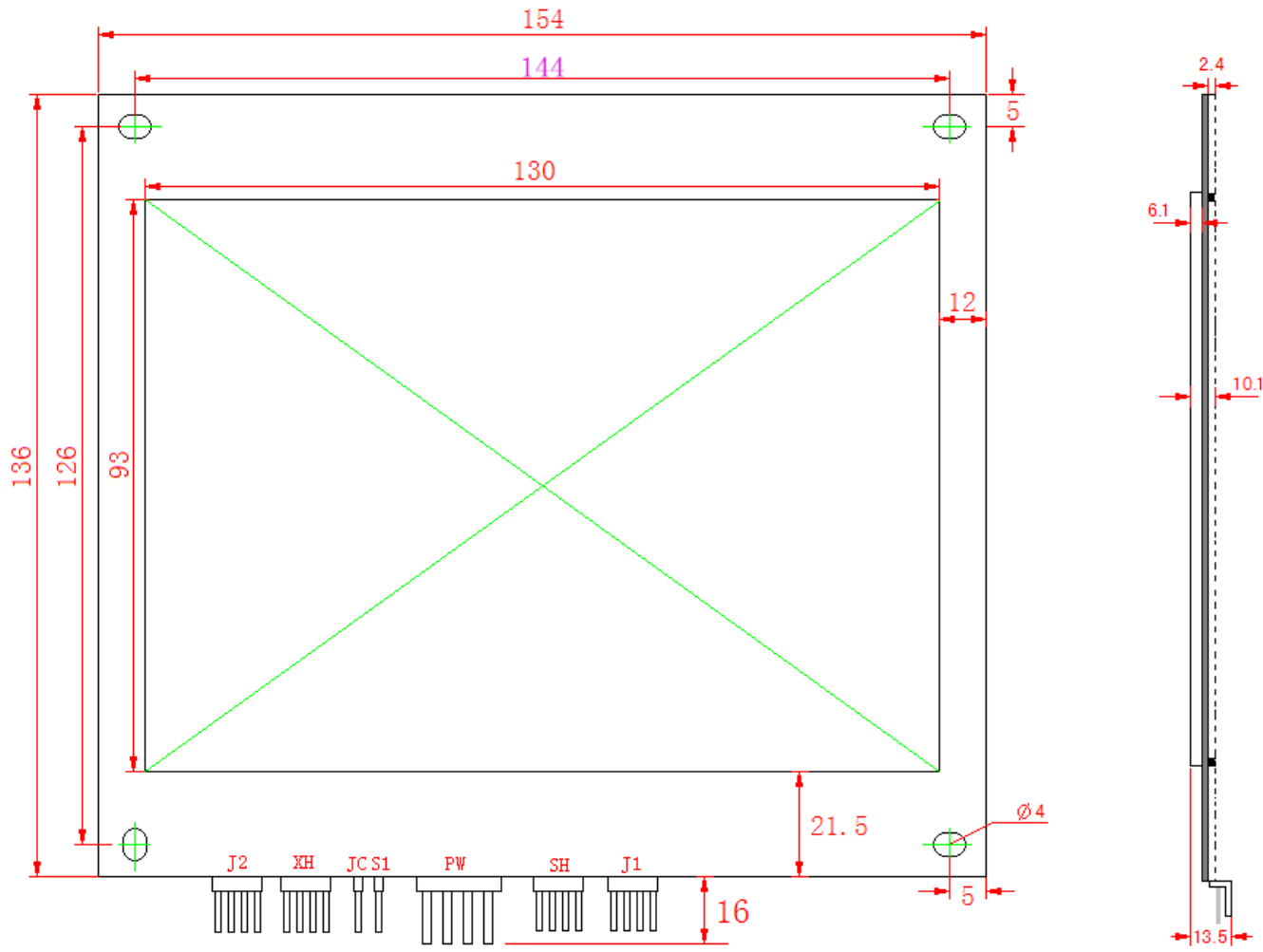
Terminal connection diagram

SH	XH	J1	J2
			

Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

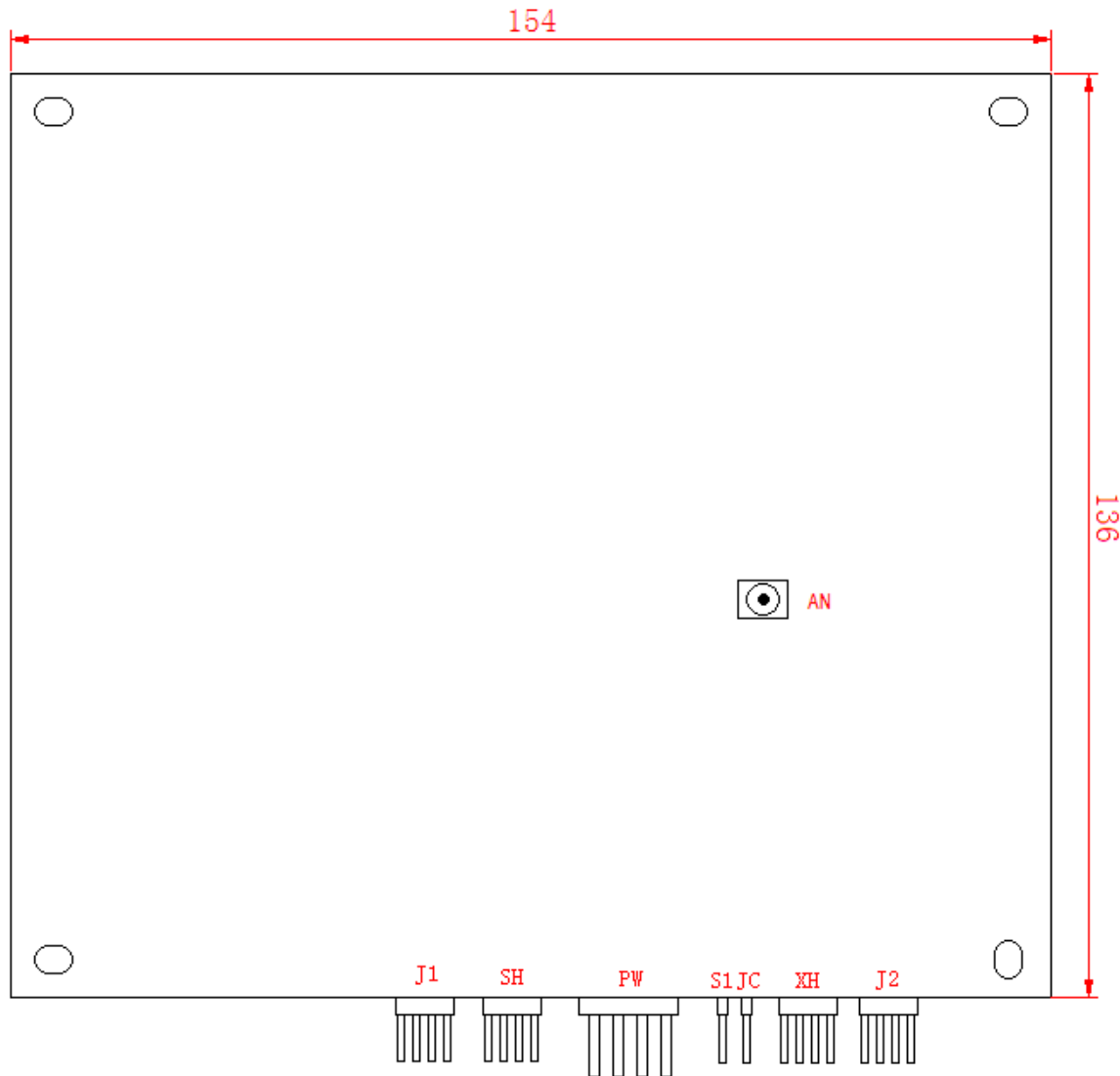
BL2000-HEH-Q1 Dimensional Drawing

Unit: mm

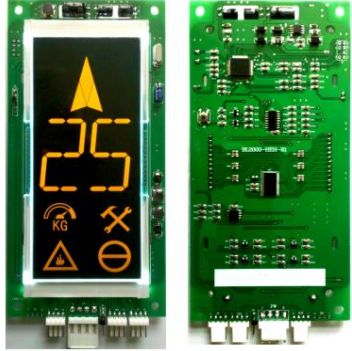


Dimensional Drawing of the front

Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HEH-R1.3	Order Information: Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	175mm*85mm*13.5mm	
Dimensions of installation baseboard	No installation baseboard	

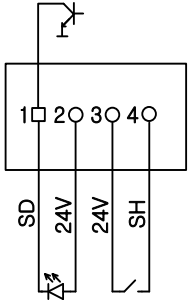
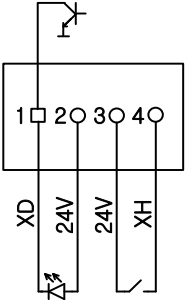
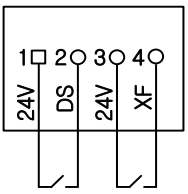
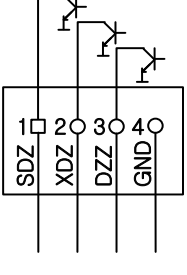
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-R1.3 B/C	B: White character with Black background /C: orange character with Black background	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
AN		Address Setting key-press	Refer to Appendix A.1 and A.2 for details.			
JC	2.54-2 90°	Checking & Function Setting Jumper	Short JC, after power on, enter the self-checking mode. Press the up call button and down call button at the same time, 2 or 3 seconds later, enter the function setting mode, various display information can be configured. Refer to Appendix B.2 for details.			

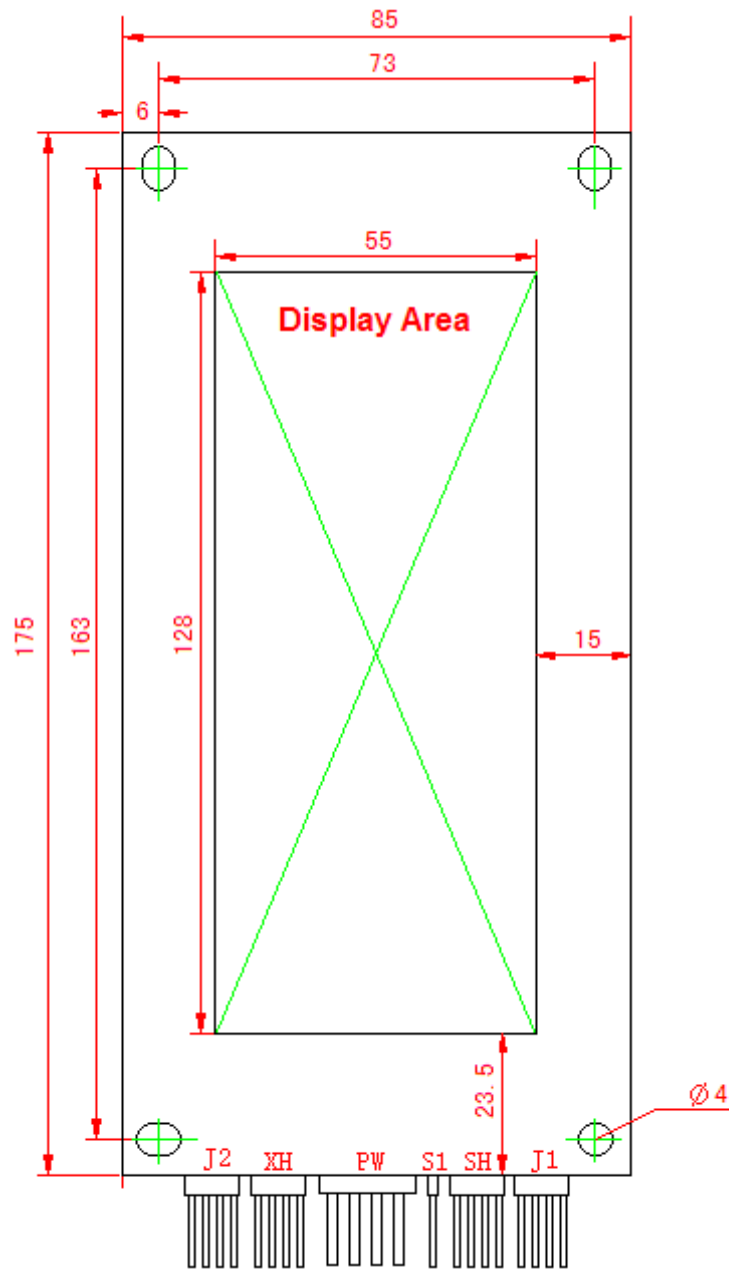
Terminal connection diagram

SH	XH	J1	J2
			

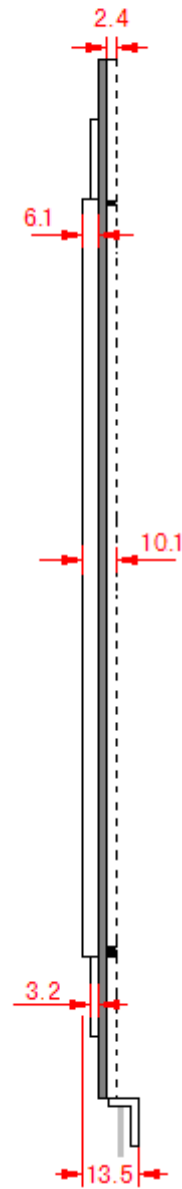
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

BL2000-HEH-R1.3 Dimensional Drawing

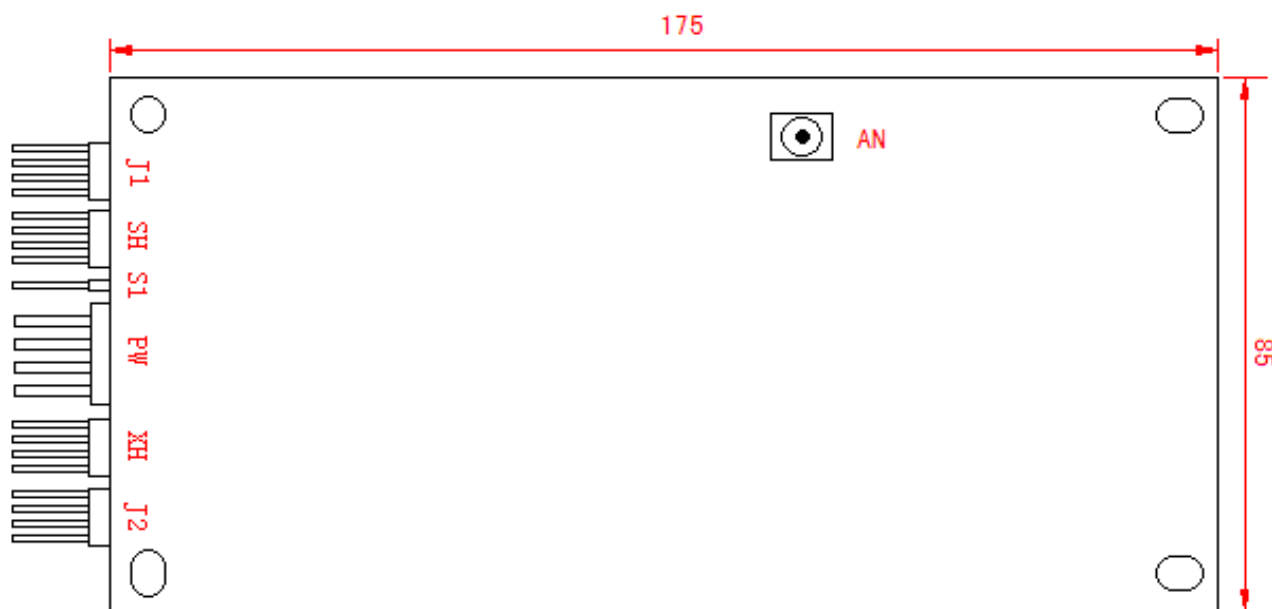
Unit: mm




Dimensional Drawing of the front



Dimensional Drawing of side



Dimensional Drawing of the back

Model	BL2000-HEH-S1	Order Information: Contact sale manager for confirmation
LCD type	Segment LCD	
Display Direction	Vertical	
Dimensions of PCB	144mm*70mm*10.2mm	
Dimensions of installation baseboard	No installation baseboard	

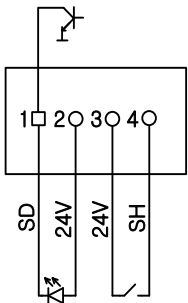
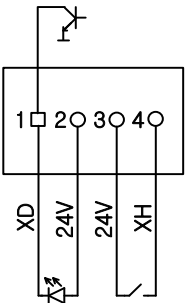
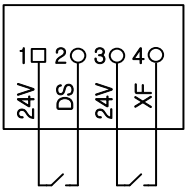
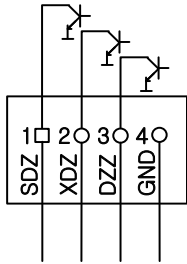
Information for similar type

Model	Display Color	PCB Color
BL2000-HEH-S1 A/B/C	A: White character with Blue background /B: White character with Black background /C: Orange character with Black background	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	2.54-4 90°	Power & Communication	24V	GND	CANH	CANL
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH	2.54-4 90°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
AN		Address Setting key-press	Refer to Appendix A.1 and A.2 for details.			
JC	2.54-2 90°	Checking & Function Setting Jumper	Short JC, after power on, enter the self-checking mode. Press the up call button and down call button at the same time, 2 or 3 seconds later, enter the function setting mode, various display information can be configured. Refer to Appendix B.2 for details.			

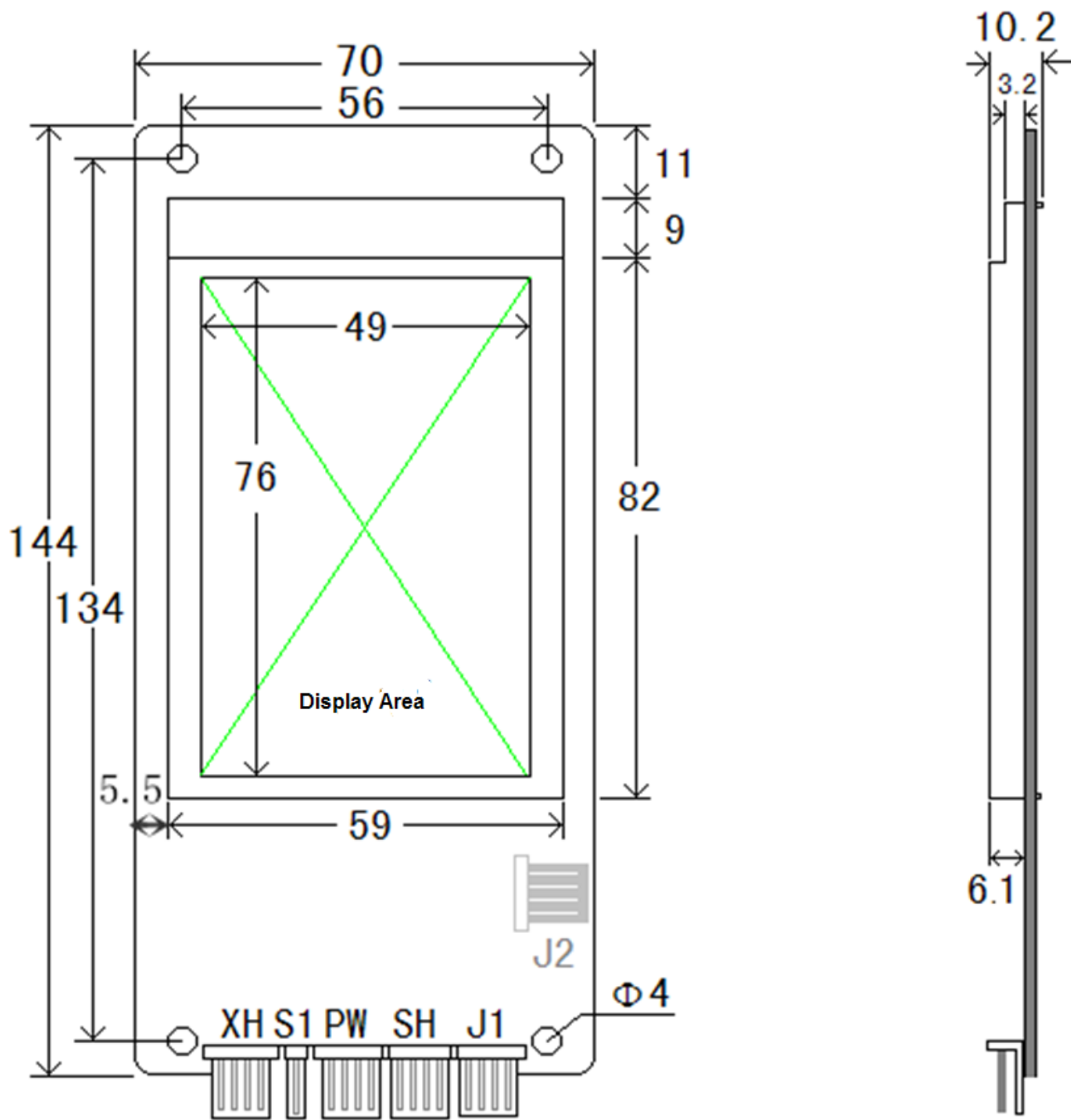
Terminal connection diagram

SH	XH	J1	J2
			

Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

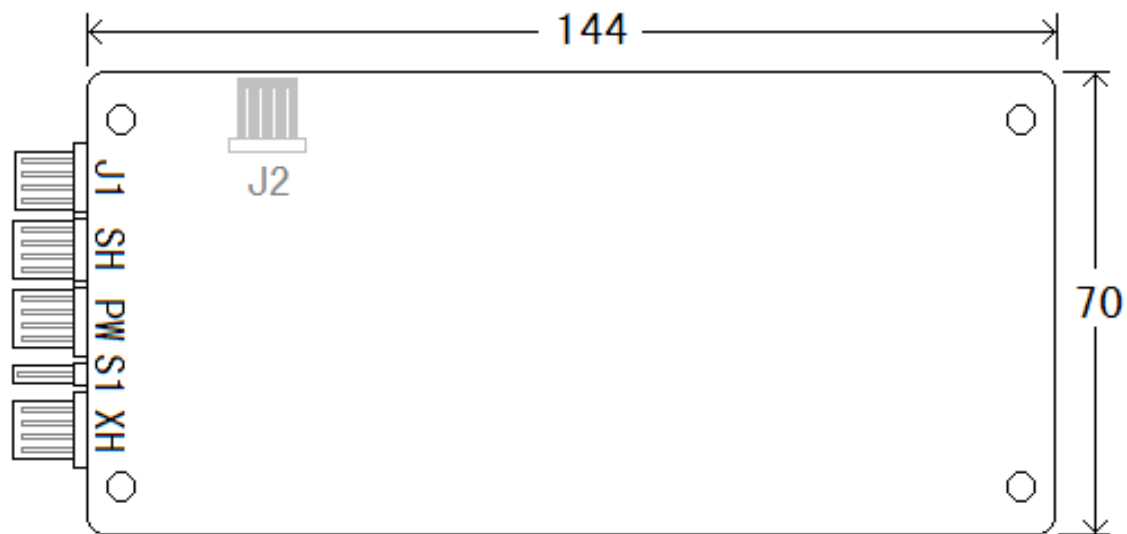
BL2000-HEH-S1 Dimensional Drawing

Unit: mm




Dimensional Drawing of the front

Dimensional Drawing of side

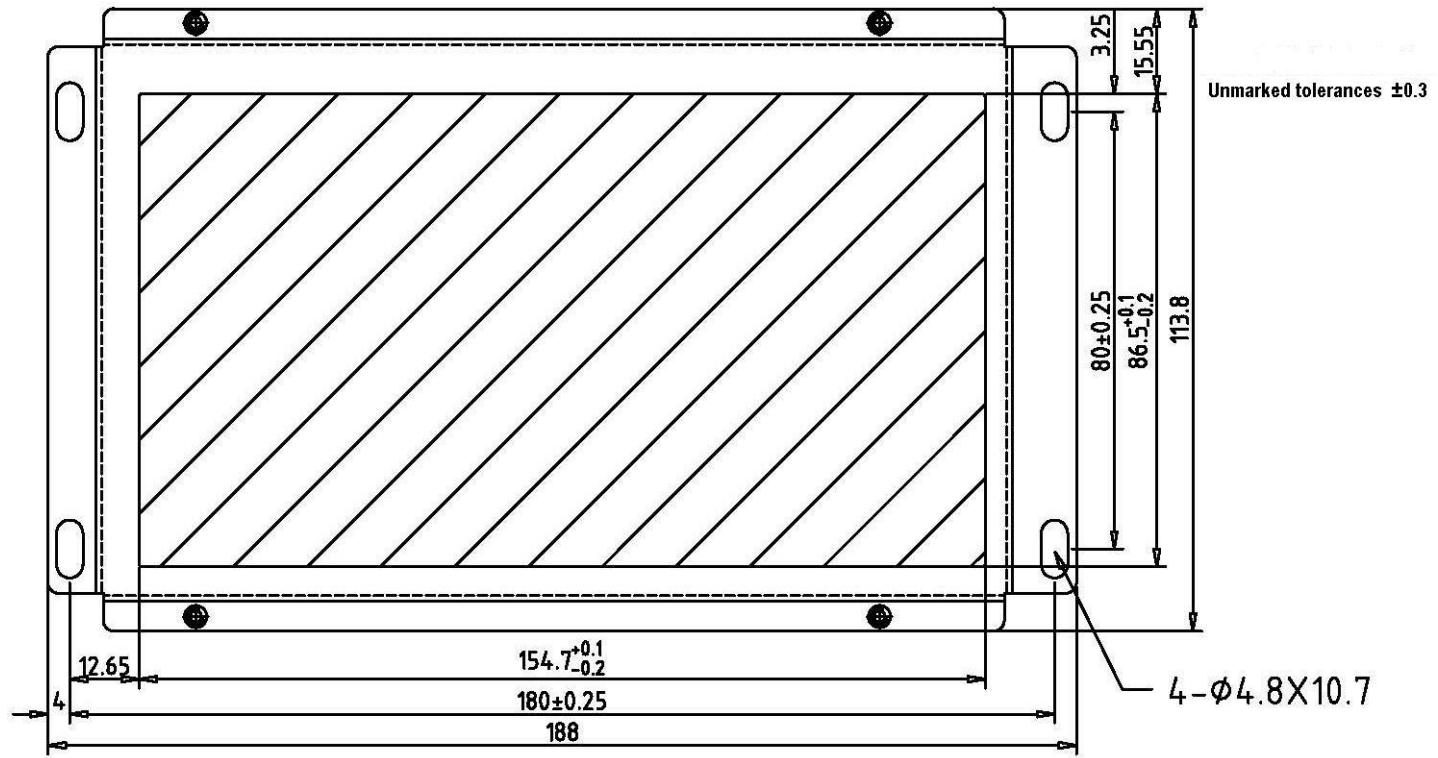


Dimensional Drawing of the back

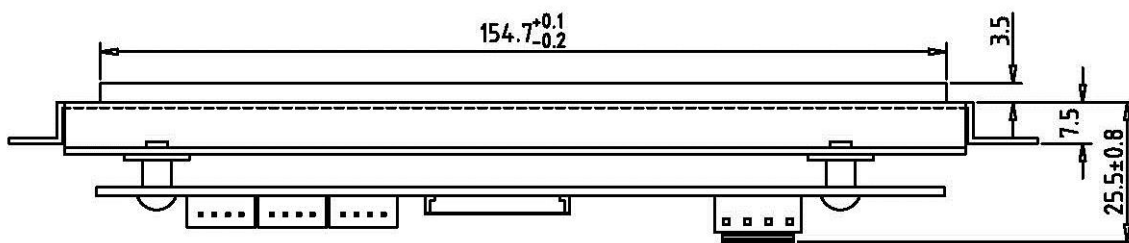
Model		SJT-ESIM-07-ZF		Order Information: Contact purchasing department for confirmation			
LCD type		7 Inch TFT white character with blue background/ white character with black background					
Display Direction		Horizontal / Vertical					
Dimensions of PCB		113.8mm*188mm*30mm					
Dimensions of installation baseboard		No installation baseboard					
Information for similar type							
Model		Display Color			PCB Color		
--		--			Green		
Terminal definition and function description							
Terminal	Terminal Specifications	Function	Pin definition				
			1	2	3	4	
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL	
MODE	Press-key	Setting button	Press MODE press-key to enter the menu and press MODE press-key to change menu.				
INC	Press-key	Setting button	In menu interface, press INC press-key to set parameters				
USB	USB Port	Connect U disk	Update program by U disk				
Function Descriptions							
This product is a 7-inch car interior display panel, and cannot be used as a calling board.							
Elevator display	Display the floor, direction and status of elevator in real time.						
Alarm display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information, which displayed in Chinese or English is available.						
News display	The interface can display date, week and information, and keystroke adjustment make easier operation.						
Theme display	2 display theme styles, which users are free to choose through the buttons on the product.						
Interface switching	Built-in horizontal and vertical interface, Chinese and English interface, users can be free to choose through the buttons on the LCD.						
Energy saving model	No operation, or no "Overload", "Fire", "Inspection" and other warning information for more than 30 minutes, the display interface automatically turns off the backlight.						
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.							

SJT-ESIM-07-ZF Dimensional Drawing


Unit: mm



Dimensional Drawing of the front

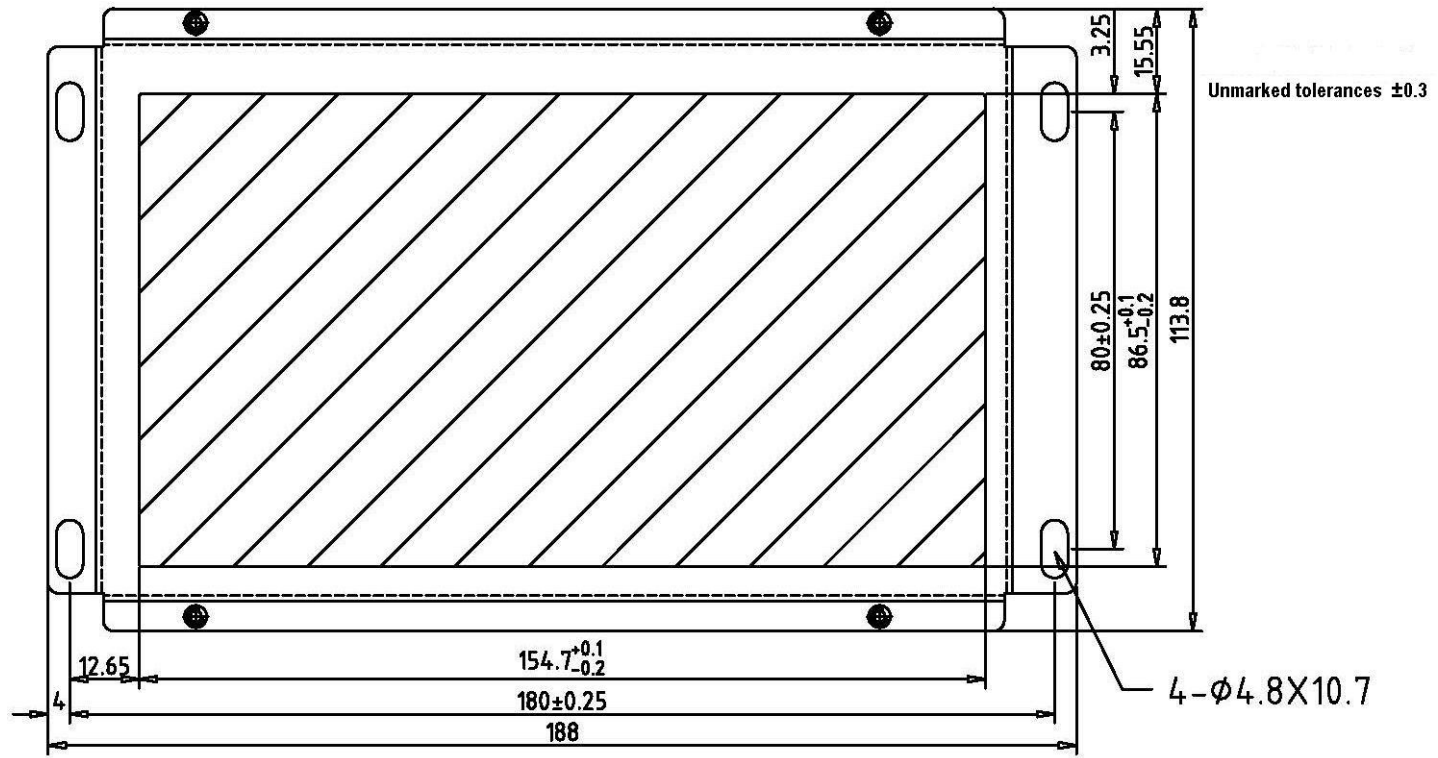


Dimensional Drawing of the back

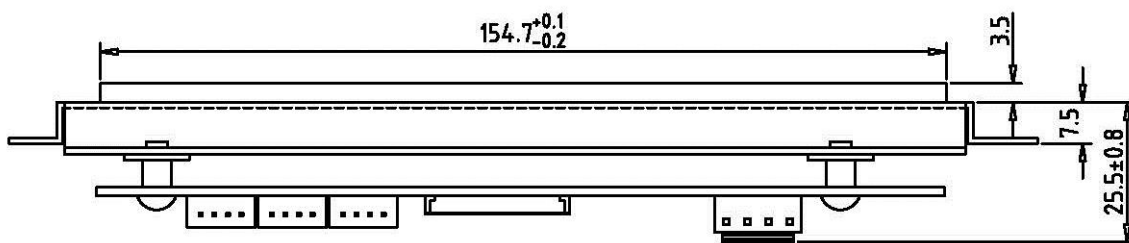
Model		SJT-EHCL-070D-ZF		Order Information: Conventional supply cycle			
LCD type		7 inch TFT					
Display Direction		Horizontal / Vertical					
Dimensions of PCB		113.8mm*188mm*30mm					
Dimensions of installation baseboard		No installation baseboard					
Information for similar type							
Model		Display Color			PCB Color		
--		--			Green		
Terminal definition and function description							
Terminal	Terminal Specifications	Function	Pin definition				
			1	2	3	4	
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL	
MODE	Press-key	Setting button	Press MODE press-key to enter the menu and press MODE press-key to change menu.				
INC	Press-key	Setting button	In menu interface, press INC press-key to set parameters				
USB	USB Port	Connect U disk	Update program and change picture by U disk				
Function Descriptions							
This product is a 7-inch car interior display panel, and cannot be used as a calling board.							
Elevator display	Display the floor, direction and status of elevator in real time.						
Alarm display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information, which displayed in Chinese or English is available.						
Picture playback	Loop playback pictures (jpg format)						
News display	The interface can display user's LOGO, date, week and information, and keystroke adjustment make easier operation.						
USB update	Built-in 64M storage space, through the U disk mode to achieve the update of the content of the picture, after the content is updated, the U disk can be removed, and the operation is simple and convenient.						
Interface switching	Built-in horizontal and vertical interface, Chinese and English interface, users can freely choose through the buttons on the LCD.						
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.							

SJT-EHCL-070D-ZF Dimensional Drawing


Unit: mm



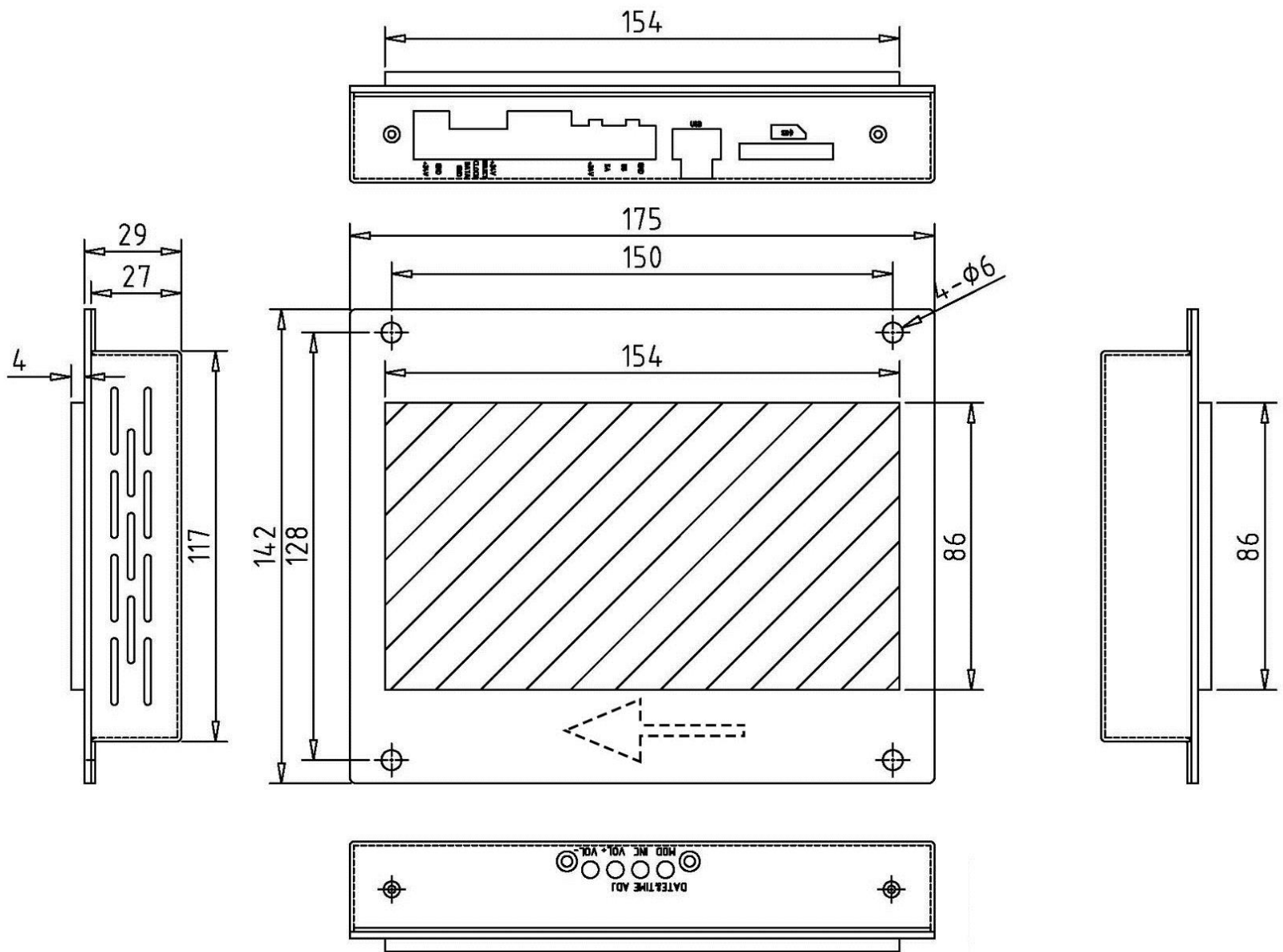
Dimensional Drawing of the front

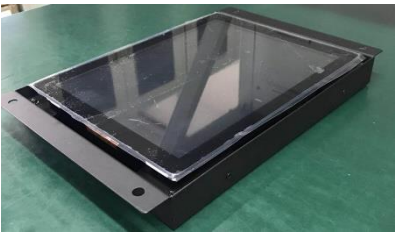



Dimensional Drawing of the back

Model		SJT-ESIM-070-V		Order Information: Contact sale manager for confirmation			
Display type	7-inch TFT water-drop background						
Display Direction	Vertical						
Dimensions of PCB	175mm*142mm*29mm						
Dimensions of installation baseboard	No installation baseboard						
Information for similar type							
Model		Display Color		PCB Color			
---		---		Green			
Terminal definition and function description							
Terminal	Terminal Specifications	Function	Pin definition				
			1	2	3	4	
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL	
MOD	Press-key	Setting button	Press MOD key to enter date and time setting.				
INC	Press-key	Setting button	In date and time setting interface, press INC to set parameters.				
VOL+	Press-key	Increase volume	Press VOL+ to increase volume.				
VOL-	Press-key	Decrease Volume	Press VOL- to decrease volume.				
SD	SD port	Connect SD card	Connect to SD card to change voice announcer files.				
USB	USB port	Connect USB	Reserved				
Function Descriptions							
This product is a 7-inch car interior display panel and cannot be used as a calling board.							
Elevator display	Display the floor, direction and status of elevator in real time.						
Alarm display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.						
News display	The interface can display date, week and information, and keystroke adjustment make easier operation.						
Water-drop vertical display	Indications of floor, direction and background are matching together with the water-drop style background.						
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.							

SJT-ESIM-070-V Dimensional Drawing



Model	SJT-ETOUCH-104-LG		Order Information: Contact sale manager for confirmation	
Display type	10.4-inch TFT true color	 		
Display Direction	Vertical			
Dimensions of PCB	310mm*204mm*30mm			
Dimensions of installation baseboard	No installation baseboard			

Information for similar type

Model	Display Color	PCB Color
--	--	Green

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
(Big green terminals)	5.08-4P	Power & Communication	DC24V	GND	SB0 (485 communication)	SA0 (485 communication)
(Small green terminals)	3.81-2P	Power	DC24V	GND	--	--
PHONE	2.54-2P	Used as calling button of Intercom	Connect to calling button input of intercom		--	--
BELL	2.54-2P	Used as alarming button of bell	Connect to alarming button input of bell		--	--

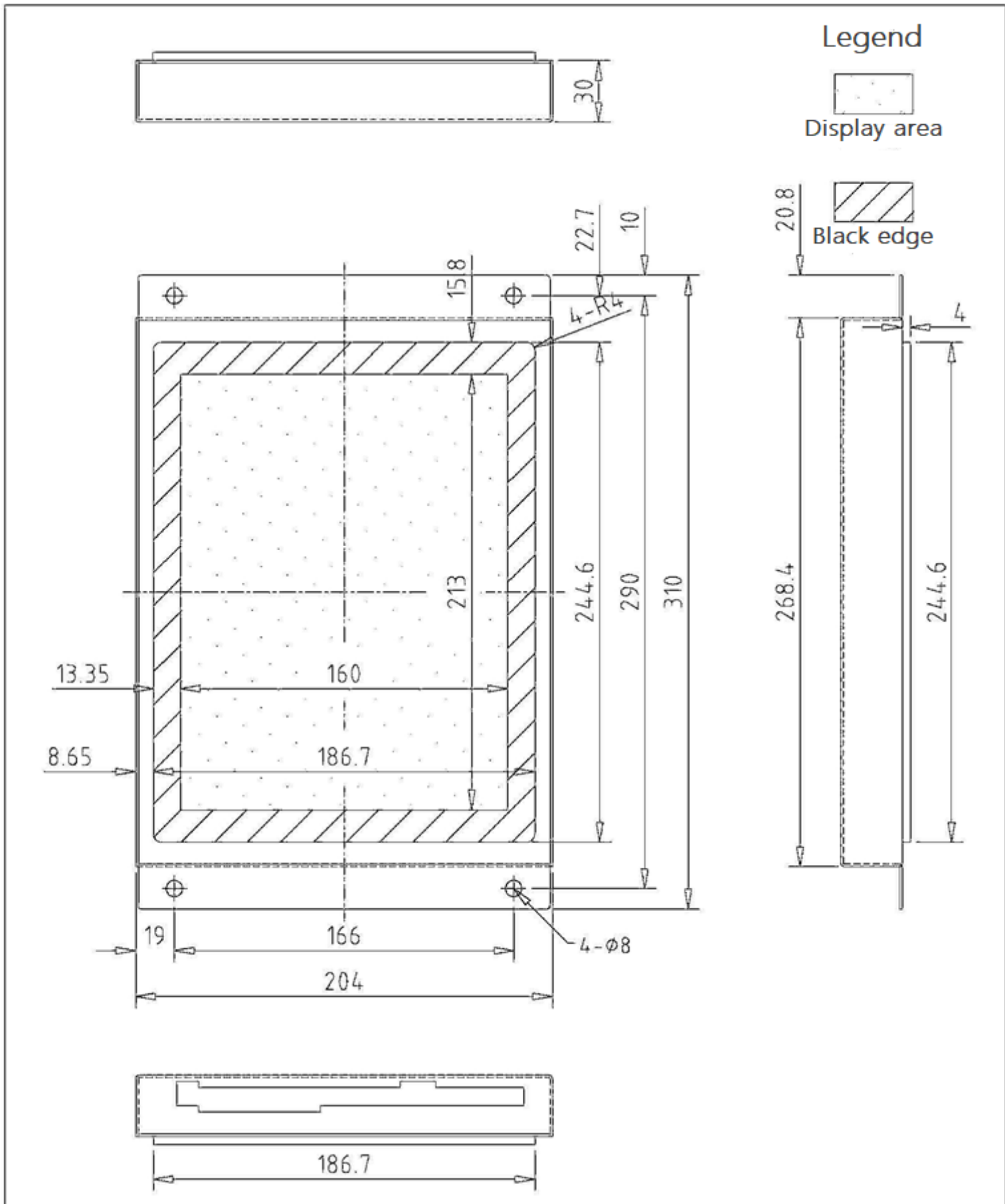
Function Descriptions

This product is a 10.4-inch car interior display panel and cannot be used as a hall calling board.


Touch screen function	Use touch button to perform car call floor register, door open, door close, door open delay, intercom, alarming bell and other operations.
Elevator display	Display the floor, direction and status of elevator in real time.
Alarm display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.
News display	Display date, week and other information.
Intercom and alarming bell function	Two individual relays control channels. Normal-open contacts output to trigger intercom and alarming bell.
Configurable the number of buttons	Display up to 10 buttons: maximum 8 floors car call buttons + door open and close buttons. Door open delay button, intercom button and alarming bell button are optional.
Configurable button indications	The display of touch button indications can be set, up to 3 digits (e.g.: 12A, G, B1).

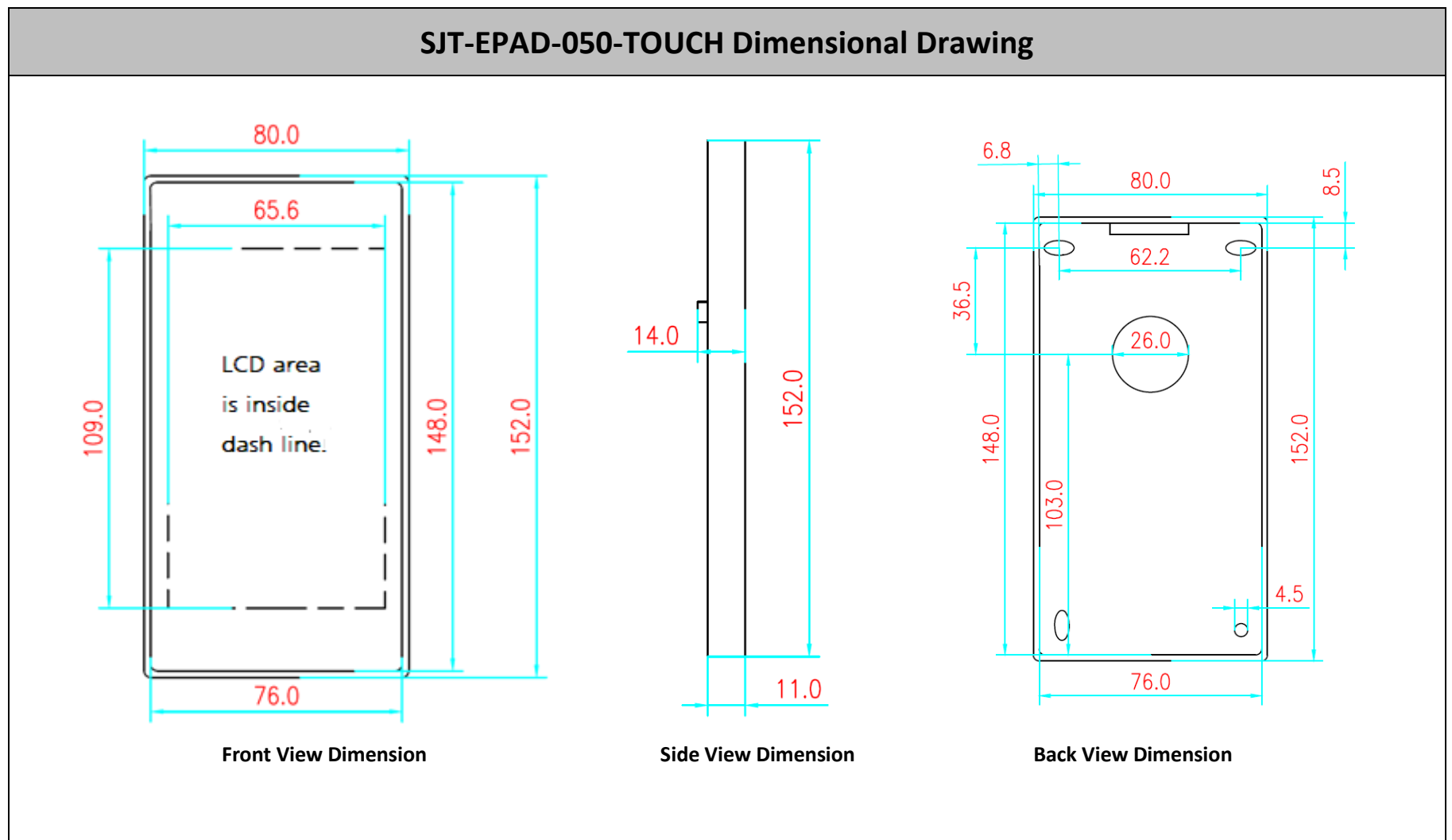
Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

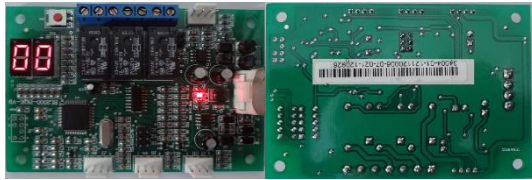
SJT-ETOUCH-104-LG Dimensional Drawing



COP Hole: 186.7 (W) X244.6 (H) mm, contour fillet R4 at the four corners
 (Please open the hole according to this dimensions, do not need to leave margin since it has already been counted.)
Effective Display Area:160 (W) X213 (H) mm

Model	SJT-EPAD-050-TOUCH		Order Information: Contact purchasing department for confirmation			
Display Type	5-inch TFT True Color Touch Screen					
Display Direction	Vertical					
Dimension	152mm*80mm*14mm					
Information for similar type						
Model	Display Color		PCB Color			
---	---		Green			
Terminal definition and function description						
Terminal	Terminal Specifications	Function	Pin definition			
			1(24V)	2(AH)	3(BL)	4(GND)
PW(JP7)	2.54-4P straight	Power and Communication	24V	CANH	CANL	GND
Function Descriptions						
Elevator display	Display the floor, direction and status of elevator in real time.					
Alarm display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.					
Touch screen calling function	Use touch button to register landing call.					
Floor address setting function	Long press the number that is displayed in the middle of touch screen, can set floor address. Use up landing call button and down landing call button to change floor address. After setting, long press the number in the middle of touch screen to switch back to normal display.					



Model	BL2000-HQK-V9.1	Order Information: Conventional supply cycle
Production Function	Calling board of Group control	
Dimensions of PCB	97mm*66mm*20mm	
Dimensions of installation baseboard	No installation baseboard	

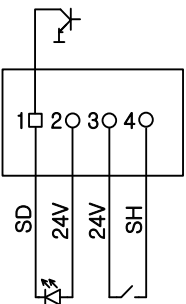
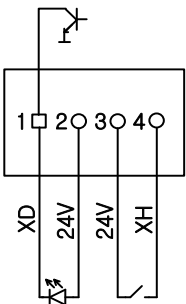
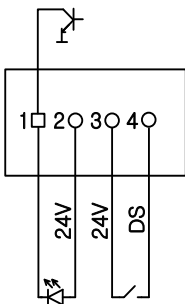
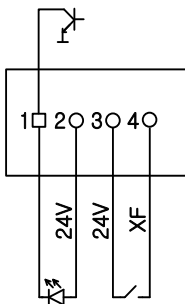
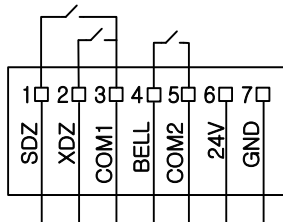
Information for similar type

Model	Display Color	PCB Color
---	---	Green

Terminal definition and function description

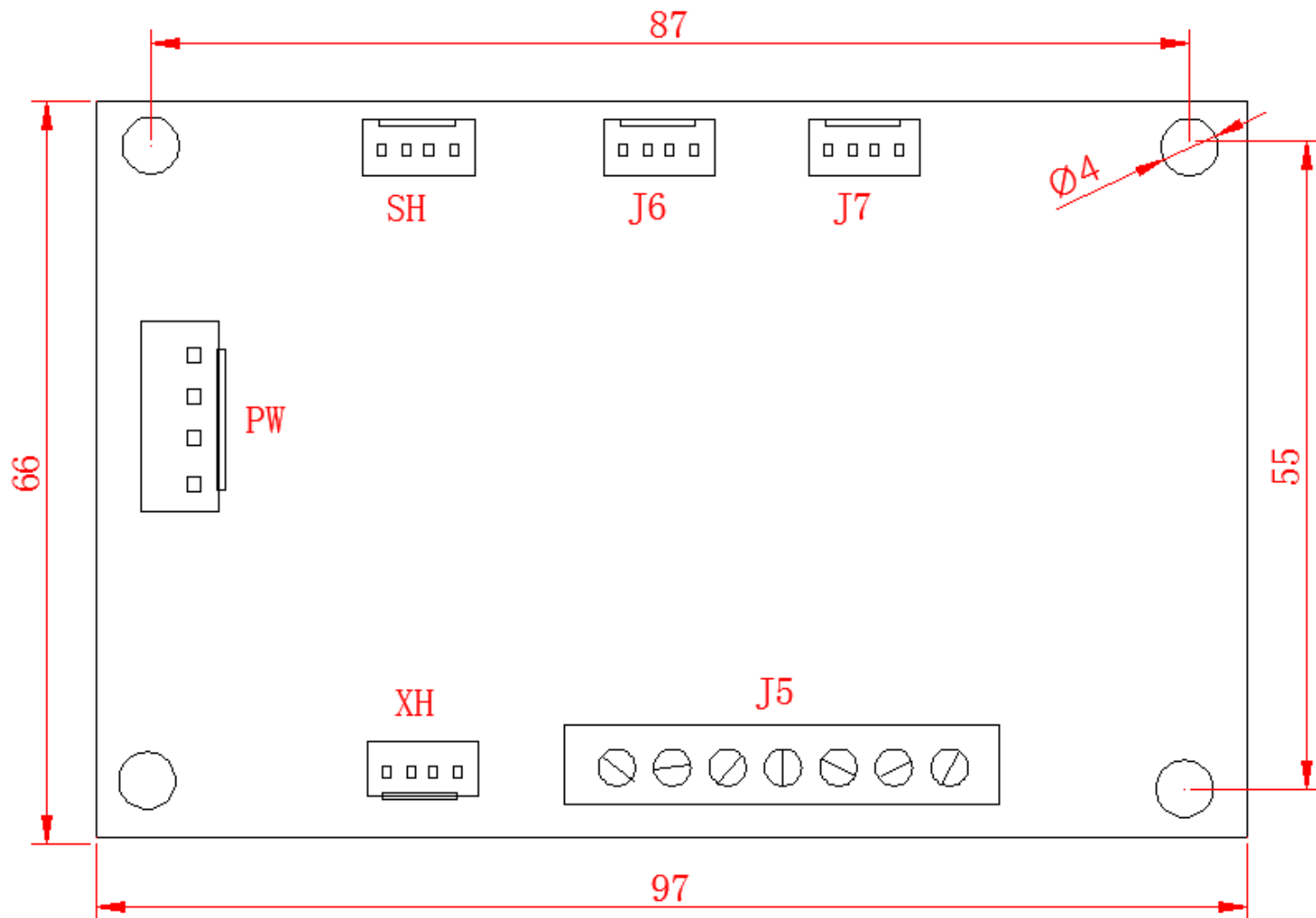
Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW(J1)	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
SH(J2)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
XH(J3)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
BY0(J6)	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)
BY1(J7)	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Serial fire input(XF)
J5	5.08-7 180°	Arrival signals output (Relay output)	1-Up arrival lamp output(SDZ)	2-Down arrival lamp output(XDZ)	3-Arrival common	4-Arrival bell output A(DZZ-A)
			5-Arrival bell output B(DZZ-B)	6-24V	7-GND	---
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key	Refer to Appendix A.1 for details.			
JC,EN/DS	2.54-2 180°	Function Setting Jumper	Short JC and EN/DS at the same time, enter the function setting mode. Refer to Appendix B.4 for details.			

Terminal connection diagram

SH	XH	BY0	BY1	J5
				

Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.


BL2000-HQK-V9.1 Dimensional Drawing



Dimensional Drawing of the front



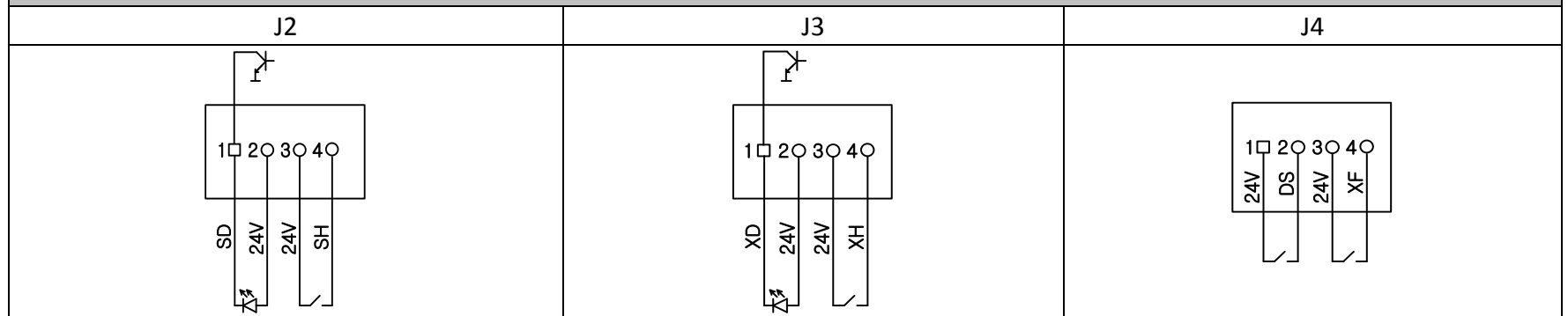
Dimensional Drawing of side

Model	BL2000-HXJ-V9	Order Information: Conventional supply cycle
Production Function	Port transformer board	
Dimensions of PCB	107mm*65mm*16.5	
Dimensions of installation baseboard	No installation baseboard	

Terminal definition and function description

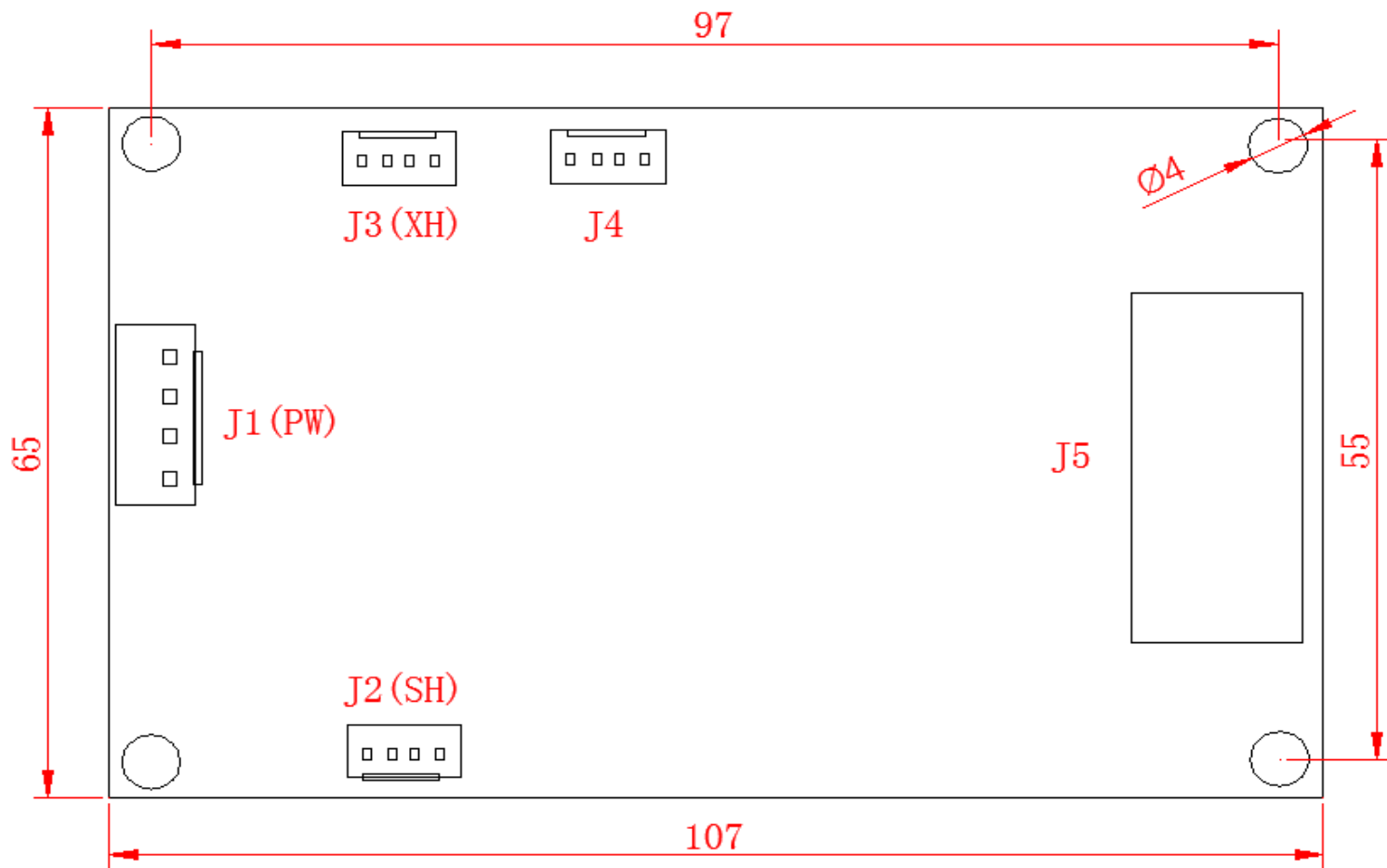
Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
J1(PW)	3.96-4 180°	Power & Communication	24V	GND	CANH	CANL
J2(SH)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
J3(XH)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J4	2.54-4 180°	Serial input port	24V	Serial parking input (DS)	24V	Serial fire input(XF)
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 for details.			
AN		Address Setting key-press	Refer to Appendix A.1 for details.			
JC,DS	2.54-2 180°	Function Setting Jumper	Short JC and DS at the same time, enter the function setting mode. Refer to Appendix B.5 for details.			
J5 (OC output)	2*10P plug-in unit	J5-1	+24V Output		J5-11	Up run
		J5-2	+24V Output Ground		J5-12	Down run
		J5-3	Floor display: Binary bit7 BCD code High bit 3 Graycode bit 7		J5-13	Running
		J5-4	Floor display: Binary bit 6 BCD code High bit 2 Graycode bit 6		J5-14	Overload
		J5-5	Floor display: Binary bit 5 BCD code High bit 1 Graycode bit 5		J5-15	Full load
		J5-6	Floor display: Binary bit 4 BCD code High bit 0 Graycode bit 4		J5-16	Fire Service
		J5-7	Floor display: Binary bit 3 BCD code Low bit 3 Graycode bit 3		J5-17	Inspection
		J5-8	Floor display: Binary bit 2 BCD code Low bit 2 Graycode bit 2		J5-18	Parking
		J5-9	Floor display: Binary bit 1 BCD code Low bit 1 Graycode bit 1		J5-19	User
		J5-10	Floor display: Binary bit 0 BCD code Low bit 0 Graycode bit 0		J5-20	Arrive Output
Note: The wirings of J5 port should be carried out according to this list and J5 sequence number diagram. Do not refer the labels on the plug.						

Terminal connection diagram



Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

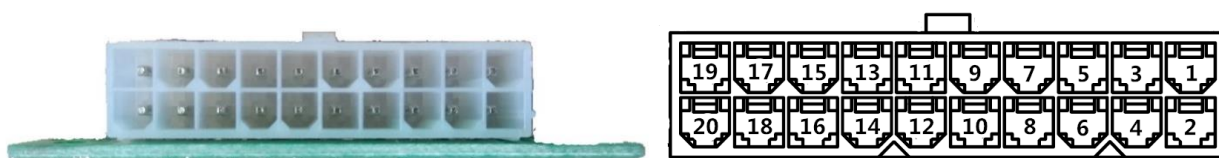
BL2000-HXJ-V9 Dimensional Drawing




Dimensional Drawing of the front



Dimensional Drawing of side



J5 sequence number diagram

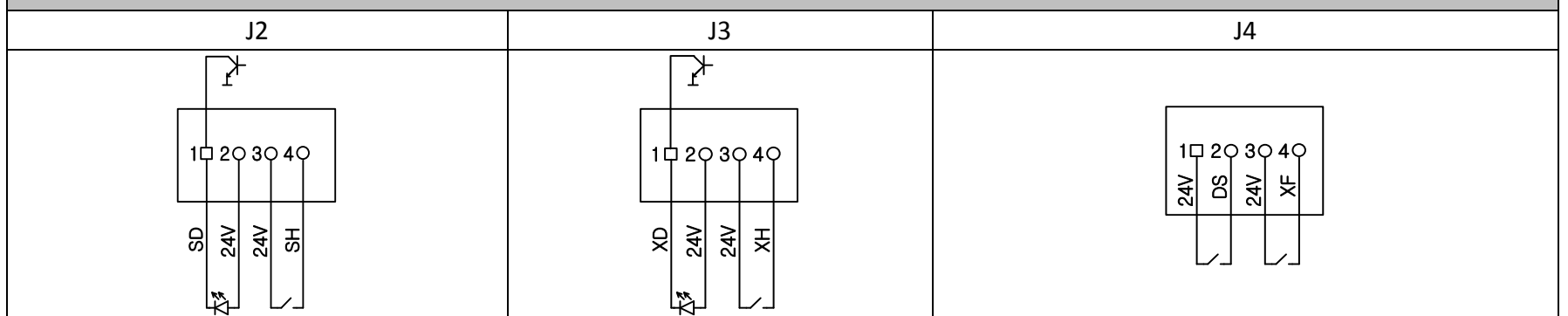
Model	BL2000-HXK-V9	Order Information: Conventional supply cycle
Production Function	Port transformer board	
Dimensions of PCB	172mm*65mm*20mm	
Dimensions of installation baseboard	202mm*145mm*30mm	

Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
J1(PW)	3.96-4 180°	Power & Communication	24V	24V	CANH	CANL
J2(SH)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)
J3(XH)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)
J4	2.54-4 180°	Serial parking input	24V	Serial parking input(DS)	24V	Serial fire input(XF)
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect serial communication terminal resistor			
SZ	2.54-2 180°	Address Setting Jumper	For details, see Appendix A.1			
AN		Address Setting key	For details, see Appendix A.1			
JC,EN	2.54-2 180°	Enable functions jumper	Short JC and EN at the same time, enter the function setting mode. Refer to Appendix B.5 for details.			
J5 (Relay output)	2*10P plug-in unit	J5-1	+24V Output		J5-11	Fire Service
		J5-2	+24V Output Ground		J5-12	Full load/Overload
		J5-3	Floor display: Binary 6 BCD code High 2 Graycode 6		J5-13	Y8-Y9 common terminal
		J5-4	Floor display: Binary 5 BCD code High 1 Graycode 5		J5-14	Inspection
		J5-5	Floor display: Binary 4 BCD code High 0 Graycode 4		J5-15	Parking
		J5-6	Floor display: Binary 3 BCD code Low 3 Graycode 3		J5-16	Y10-Y11 common terminal
		J5-7	Floor display: Binary 2 BCD code Low 2 Graycode 2		J5-17	Running
		J5-8	Floor display: Binary 1 BCD code Low 1 Graycode 1		J5-18	Up run
		J5-9	Floor display: Binary 0 BCD code Low 0 Graycode 0		J5-19	Down run
		J5-10	Y1-Y7 common terminal		J5-20	Y12-Y14 common terminal

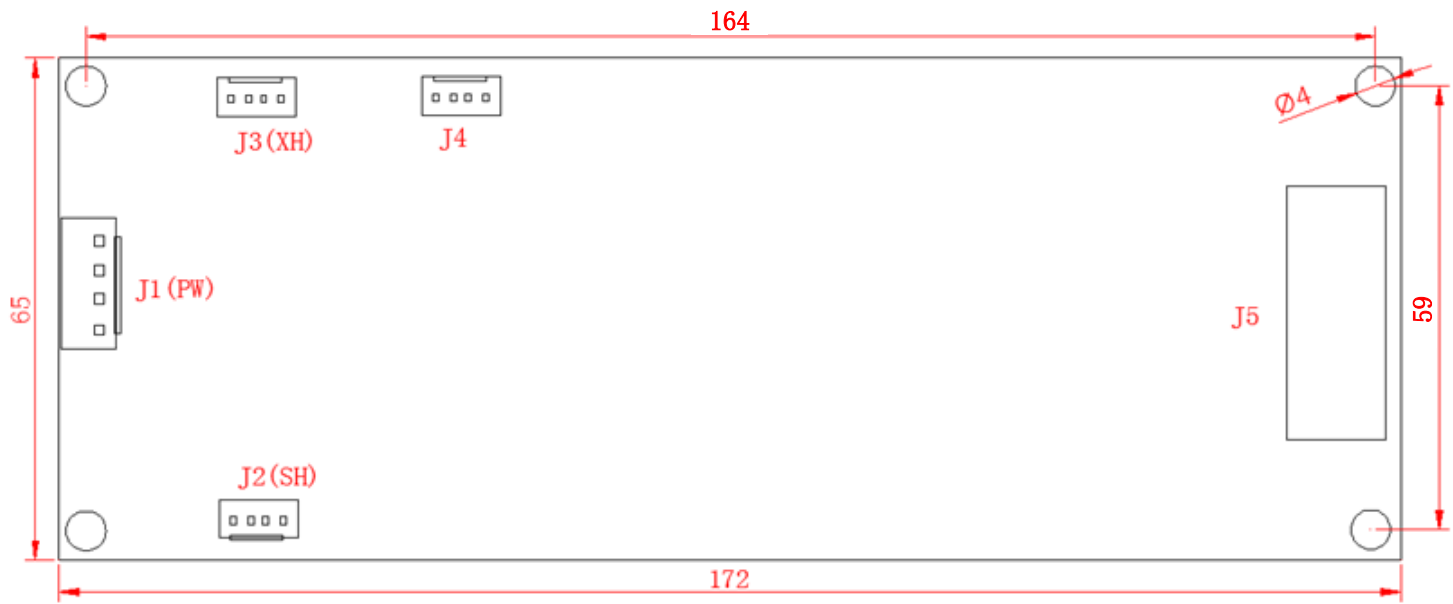
Note: The wirings of J5 port should be carried out according to this list and J5 sequence number diagram. Do not refer the labels on the plug.

Terminal



Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No.2, No.3 and No.4 in sequence.

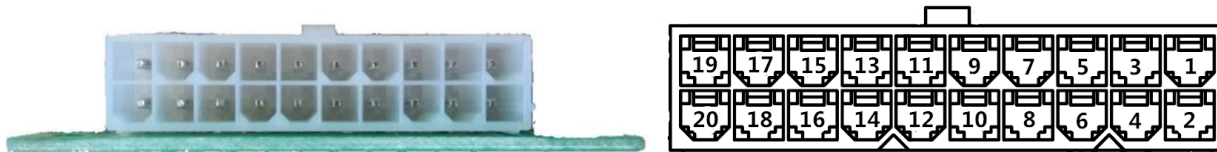
BL2000-HXK-V9 Dimensional Drawing



Dimensional Drawing of the front




Dimensional Drawing of side

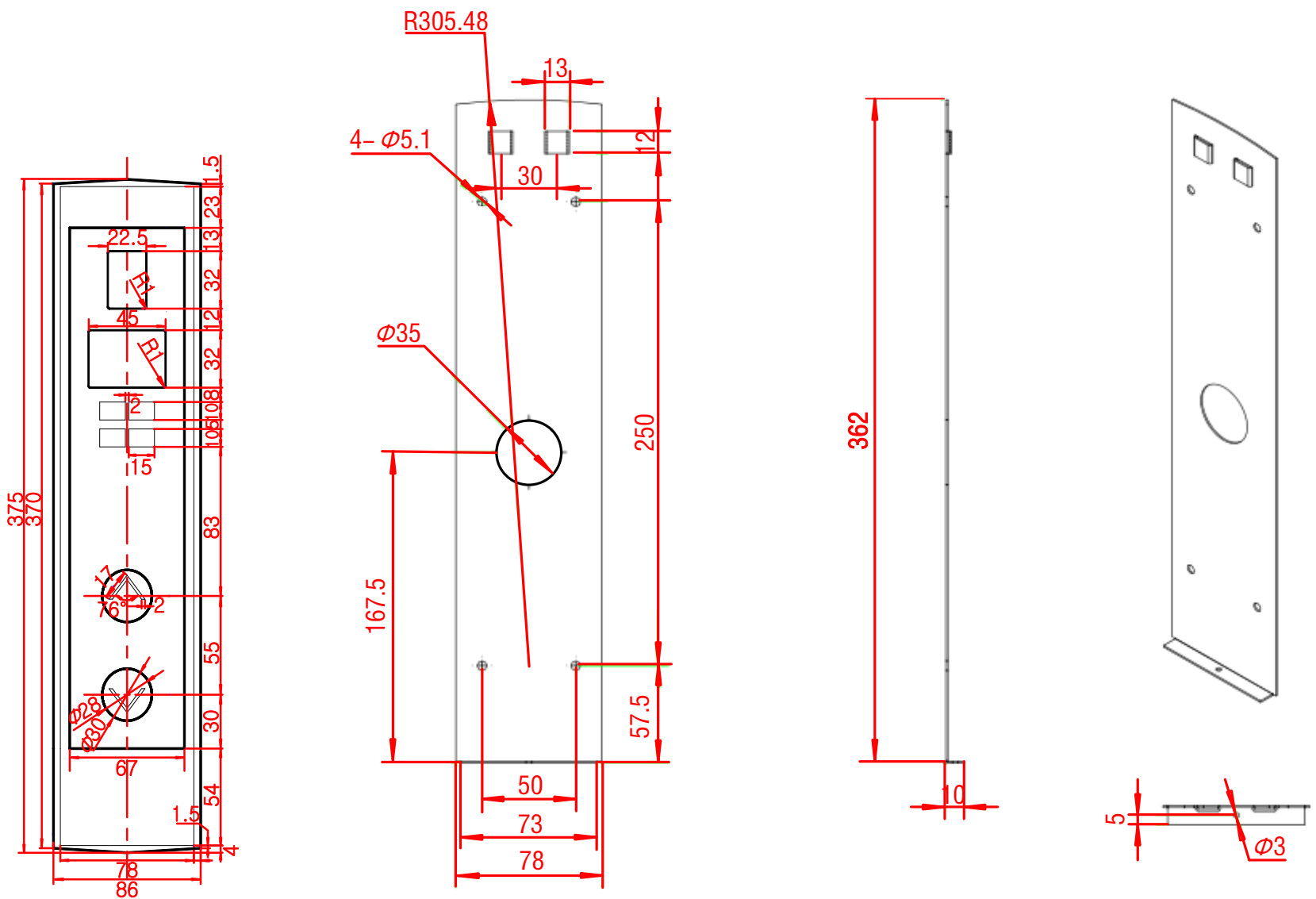


J5 sequence number diagram

Note: Refer to fig.3 in Appendix C for the dimensions of installation baseboard.

Model		SJT-CHT-DNZ1		Order Information: Conventional supply cycle			
Display Module		Round dot matrix					
Display Direction		Vertical					
Dimension of Product		375mm*86mm*20mm					
Information for similar type							
Model		Parking/No parking		Position of call board			
SJT-CHT-DSZ1		Parking		Middle floor			
SJT-CHT-DSX1		Parking		Bottom floor			
SJT-CHT-DNS1		No parking		Top floor			
SJT-CHT-DNZ1		No parking		Middle floor			
SJT-CHT-DNX1		No parking		Bottom floor			
Terminal definition and function description							
Terminal	Terminal Specifications	Function	Pin definition				
			1	2	3	4	
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL	
J3	2.54-2 90°	Fire Service	+7V	Fire(XF)			
AN		Address Setting key-press Function Setting key-press	Refer to Appendix A.1 & A.2 for details. Refer to Appendix D for details.				


SJT-CHT-DNZ1 Dimensional Drawing



Dimensional Drawing of the front

Dimensional Drawing of hung-wall board

Note: Refer to Appendix D for more installation information.

Model	SJT-CHT-YSZ1	Order Information: Conventional supply cycle
Display Module	Segment LCD	
Display Direction	Vertical	
Dimension of Product	375mm*86mm*20mm	

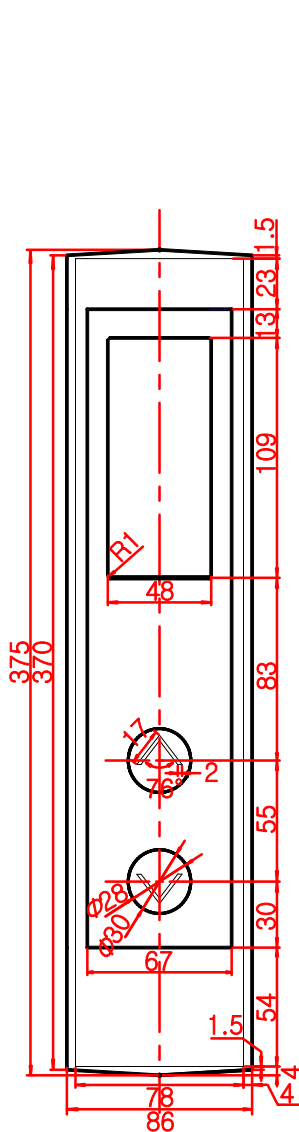
Information for similar type

Model	Parking/No parking	Position of call board
SJT-CHT-YSZ1	Parking	Middle floor
SJT-CHT-YSX1	Parking	Bottom floor
SJT-CHT-YNS1	No parking	Top floor
SJT-CHT-YNZ1	No parking	Middle floor
SJT-CHT-YNX1	No parking	Bottom floor

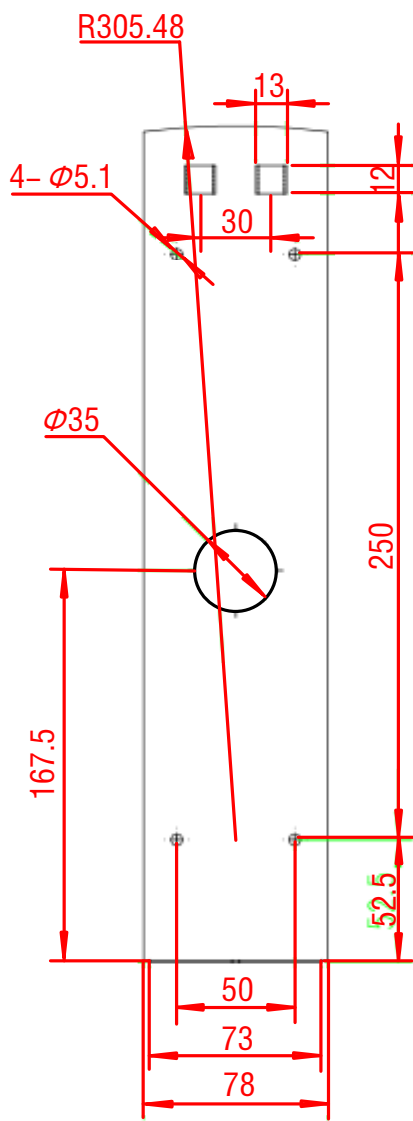
Terminal definition and function description

Terminal	Terminal Specifications	Function	Pin definition			
			1	2	3	4
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL
J3	2.54-2 90°	Fire Service	+7V	Fire Service(XF)		
AN		Address Setting key-press Function Setting key-press	Refer to Appendix A.1 & A.2 for details. Refer to Appendix D for details.			

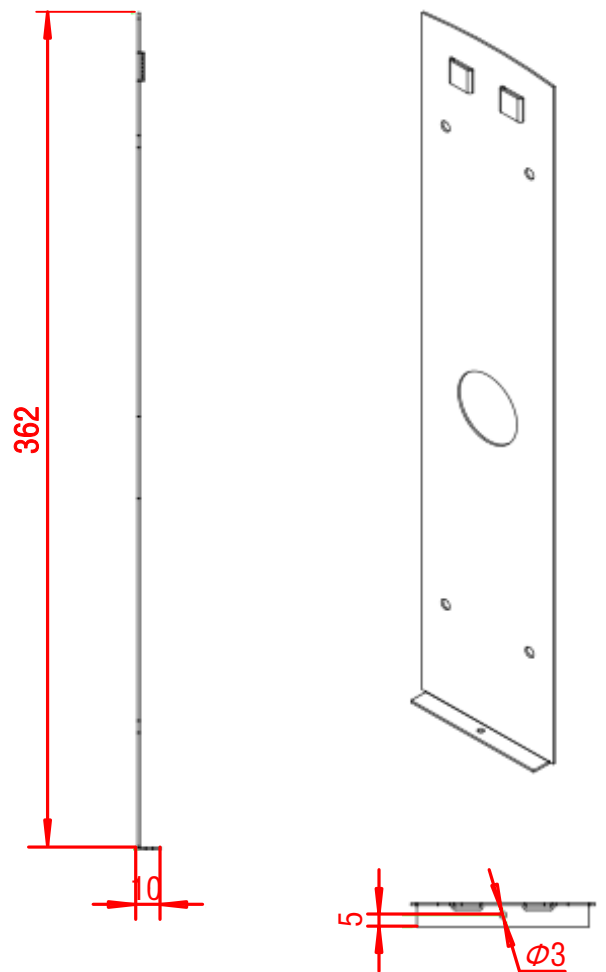
SJT-CHT-YSZ1 Dimensional Drawing



Dimensional Drawing of the front



Dimensional Drawing of hung-wall board



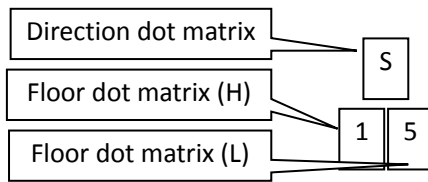
Note: Refer to Appendix D for more installation information.

Appendix A Floor Address Setting

A.1 Setting With Key-press or Jumper

Keep pressing setting button (AN) or short setting jumper, 2 seconds later, it will enter floor address setting interface.

After enter this setting, direction dot matrix will show "S", and floor dot matrix will show current address setting. For example,



S means floor address setting
15 means address value.

As the call board, address corresponds to the floor number. That is to say the address of bottom floor call board should be set to "1", others' address increase by degrees until the top floor. The maximum address should not beyond 64. While used as car display board, the address should be set to "0".

While there are independent controllers of rear door and front door, the address of rear door call board should be started from "33", and so on; the maximum address cannot beyond 64.

First way of setting

Keep pressing setting button, 2 seconds later, the direction dot matrix shows "S". 3 flickers later, it enters address setting. The address increases from 1 to 64 and loop after press setting button or keep press setting button.

After setting address, release button, 2 seconds later, the address will flicker and be saved. Then the call board enters to normal mode.

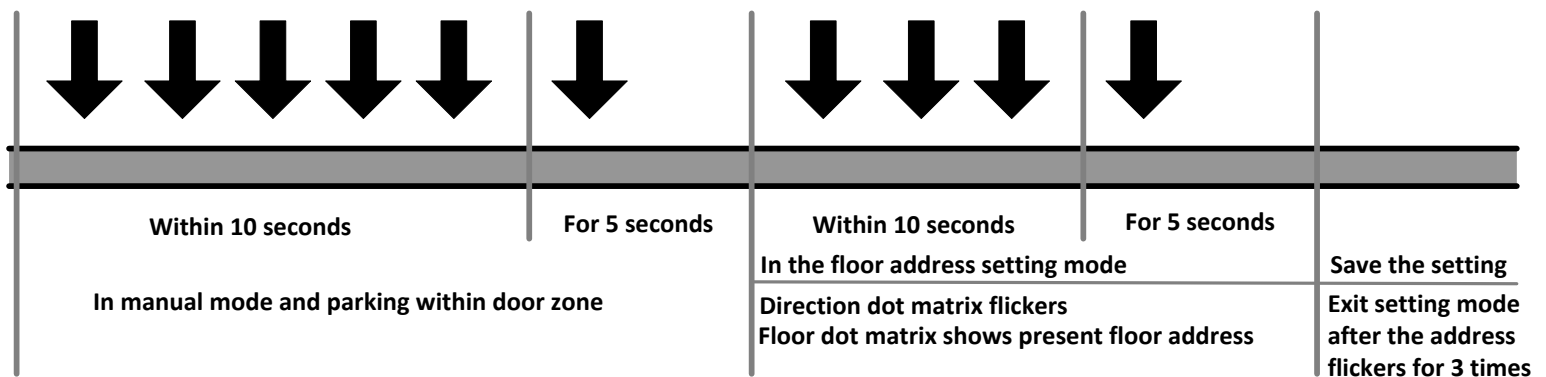
Second way of setting

Short setting jumper, 2 seconds later, the direction dot matrix shows "S". 3 flickers later, it enters address setting. Press up call (SH) or down call (XH) button can alter the address value.

Remove setting jumper (SZ), the direction dot matrix shows "S" and the address number will be saved after 3 times flicker. Then the call board enters to normal mode.

A.2 Setting With Up-Call Button or Down-Call Button

When the elevator runs in manual mode and parking within door zone, address setting can be carried out by up call button or down call button (named setting button below). When the up call button and down call button all exist, anyone can be used as setting button. When setting button is in used, the other button works, this setting will be of no effect. The way of setting is as follow.



Make sure the elevator runs in manual mode and parking within door zone.

1. Press the setting button 5 times in 10 seconds, then press the setting button for 5 seconds, the system enters in address setting mode.
2. In the address setting mode, direction dot matrix will flicker. Floor dot matrix shows present floor address.
Present Floor Address= Present Floor Number from the Controller+1
3. Press the setting button 3 times in 10 seconds, and then press the setting button for 5 seconds. Present address will be saved. The floor address matrix flickers 3 times, and the call board enters in normal working mode

Appendix B Function setting

B.1 Dot Matrix Display Call Board Setting Method

B.1.1. Setting Method

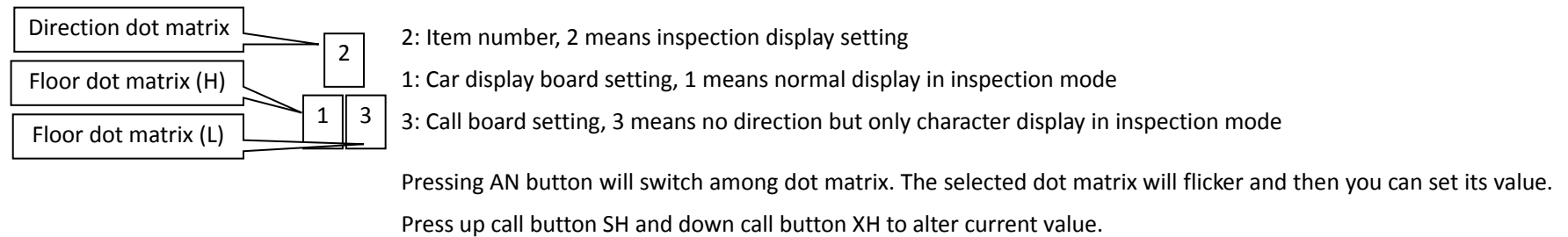
1 Enter function setting

Select a nearest call board, cut off the power (remove PW). Short jumper JC and jumper EN (DS). Then power on, it will enter function setting.

2 Function setting operation

After entering function setting, direction dot matrix will show “U” and “P” in turn. While showing “U”, the number in floor dot matrix is current custom number. While showing “P”, the number in floor dot matrix is program version. Press “AN” button to enter function setting. (If no AN button on the call board, the dot matrixes flicker 3 times, and then it enters the function setting mode.)

In function setting interface, direction dot matrix shows item number and floor dot matrix shows current value. For example,



3 Save and transmit setting

After setting complete, you need save current setting (Refer to **B.1.2.20** for details) of current call board.

If you want to update and synchronize all call board setting, you can enter **Transmit setting** item in inspection mode and static status after saving (Refer to **B.1.2.21** for details.) and send setting results to other call board and car display board.

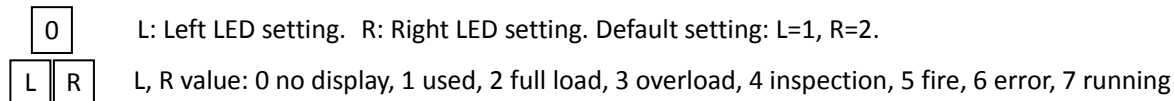
4 Exit setting

Remove test jumper JC and enable jumper EN (DS), then the call board enter to normal mode.

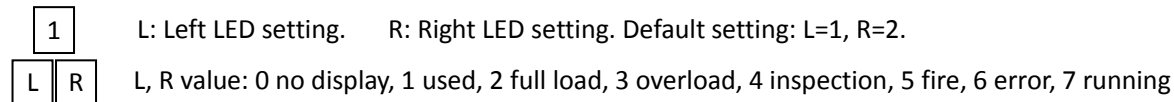
If removing jumper before transmitting and saving setting, all function settings will not change.

B.1.2. Setting item

B.1.2.1 Setting Item 0 – Setting of Car display board LED

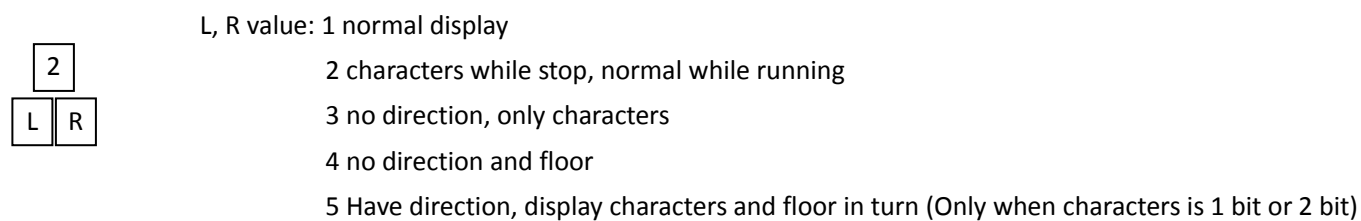


B.1.2.2 Setting Item 1 – Setting of call board LED

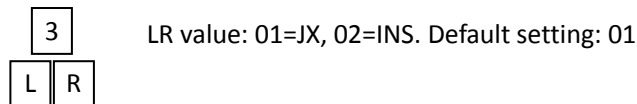


B.1.2.3 Setting Item 2 – Setting of inspection display mode

L: Car display setting. R: Call board display setting. Default setting: L=2, R=2

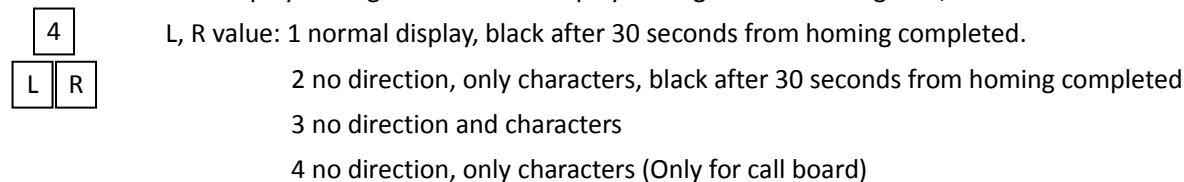


B.1.2.4 Setting Item 3 – Setting of inspection characters (Car display board is same with call board)

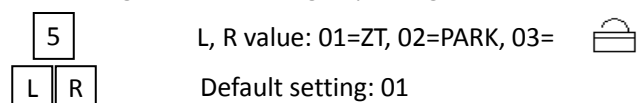


B.1.2.5 Setting Item 4 – Setting of parking status

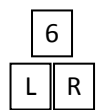
L: Car display setting. R: Call board display setting. Default setting: L=1, R=2



B.1.2.6 Setting Item 5 – Setting of parking characters (Car display board is same with call board)



B.1.2.7 Setting Item 6 - Setting of full load status (Only for call board)



L, R value: 01 normal display

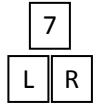
02 Display direction and characters

03 characters while stop, normal while running

04 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)

Default setting: 01

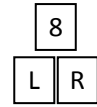
B.1.2.8 Setting Item 7 - Setting of full load characters (Only for calling board)



L, R value: 01=MZ, 02=MY, 03=FL, 04=FULL LOAD.

Default setting: 01

B.1.2.9 Setting Item 8 - Setting of overload status (Only for car display board)



L, R value: 01 normal display

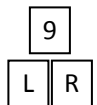
02 Display direction and characters

03 Display characters while stop, normal while running

04 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)

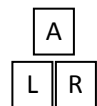
Default setting: 03

B.1.2.10 Setting Item 9 - Setting of overload status (Only for car display board)



L, R value: 01=CZ, 02=OL, 03=OVER LOAD. Default setting: 01

B.1.2.11 Setting Item A - Setting of fire initial status (Only for call board)



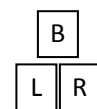
L, R value: 01 normal display

02 no direction and floor

03 same setting as fire status setting

Default setting: 02

B.1.2.12 Setting Item B - Setting of fire status



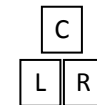
L: Car display setting. R: Call board display setting. Default setting: L=1, R=1

L, R value: 1 normal display

2 Display characters while stop, normal while running

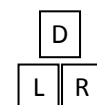
3 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)

B.1.2.13 Setting Item C - Setting of fire characters (Car display board is same with call board)



L,R value: 01=XF, 02=FR, 03=FIRE. Default setting: 01

B.1.2.14 Setting Item D - Setting of error display (Only for car display board)



L, R value: 01 normal display

02 display characters

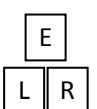
03 Display characters while stop, normal while running

04 Display characters and floor in turn

Default setting: 03

Error display: Error F, Door open error n, Door close error u, Door stop error o

B.1.2.15 Setting Item E - Setting of direction arrow



L value: 0 thin arrow

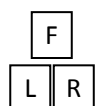
1 thick arrow

R value: 1 no roll while running

2 roll while running

Default setting: 02

B.1.2.16 Setting Item F - Display mode



L value: 0 pull screen while floor changed, 1 vertical roll while floor changed

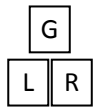
2 horizontal roll while floor changed, 3 no roll while floor changed

Default setting: 0

R value: 0 no floor flicker while deceleration, 1 floor flicker while deceleration

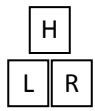
Default setting: 0

B.1.2.17 Setting Item G - Setting of arrival lamp and arrival bell



L Arrival lamp: 0 flicker
 1 no flicker
 R Duration time of arrival bell: (2+N*0.5) seconds
 Default setting: 00

B.1.2.18 Setting Item H - Display setting

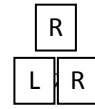


L: Display area setting of the third characters while three characters
 While three characters, the third character can be set by custom through mainboard setting. There are 15 characters can be selected, the relation of display is as below:

Mainboard setting	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Character display while L=0	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Character display while L=1	A	B	C	D	E	0	1	2	3	4	5	6	7	8	9

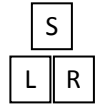
R: When only single character, setting for its position (Only for 11*7 dot matrix)
 0 in the middle
 1 in the right
 Default setting: 00

B.1.2.19 Setting Item R - Recover to default setting



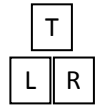
L=5, R=5 recover to default setting, R flickers and success when L=0, R=0
 This setting only recovers current setting to default value, no save operation.

B.1.2.20 Setting Item S - Save setting



L=5, R=5 save setting, S flicker and success when L=0, R=0

B.1.2.21 Setting Item T - Save and transmit setting



L=5, R=5 save and transmit setting, totally 3 times, display the odd times with L&R while transmitting.
 T flickers and success to transmit setting to other call board (include car display board) when L=0, R=0. T flickers and fail when L=1, R=1.
Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

B.2 Segment LCD Display Call Board Setting Method 1

B.2.1 Setting Method

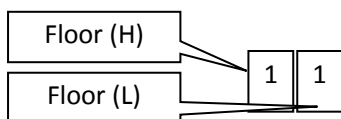
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumpers JC. Then power on, it will enter checking mode. Press up-call button and down-call button at the same time, 2 or 3 seconds later, it enters the setting mode.

2. Function setting

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

Left figure displays setting item code, and right figure displays current function number.



1 Setting item code, that means call display setting in parking period.
 1 means system displays normally in parking period. Arrived at the base floor 30 second later, system displays off.

Press up-call button to change setting item, and press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to B2.2.13 for details)

If the whole call system update is needed, enters **transmit set** item(Refer to B.2.2.14 for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode


Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

B.2.2 Setting Items

B.2.2.1 Setting Item 0 - COP display Parking Status Setting




N Value: 1 Normal display. Arrive at the base floor 30 seconds later, display off.
 2 Not display direction and floor, but display  sign, and arrive at base floor 30 seconds later, display off.
 3 Display off.

Default: 1


B.2.2.2 Setting Item 1 - Call Board display Parking Status Setting

1 N

N Value: 1 Normal display. Arrive at base floor 30 seconds later, display off.

2 Not display direction and floor, but display  sign, and arrive at base floor 30 seconds later, display off.

3 Display off.

4 Not display direction and floor, but display  sign.

Default: 2

B.2.2.3 Setting Item 2 - Setting of error display (Only for COP display board)

2 N

N Value: 1 Normal display.

2 Display characters.

3 Display characters while stop, and display normal while running.

4 Characters and floor display in turn.

Default: 3

Error display characters: Error F, Door open error n, Door close error u, Door stop error o


B.2.2.4 Setting Item 3 - Setting of inspection characters (Car display board is same with call board)

3 N

N value: 1 Display INS while stop and normal display while running.

2 Normal-display

3 Not display direction, but display INS.

4 Not display direction and floor, but display  sign.

Default setting: 2


B.2.2.5 Setting Item 4- Call Board display Inspection Status Setting

4 N

N Value: 1 Display characters INS while stop, and display normal while running.

2 Normal display

3 Not display direction, but display characters INS.

4 Not display direction and floor, but display  sign.

Default setting: 2

B.2.2.6 Setting Item 5 - Fire Initial State Display Setting (Only for call board)

5 N

N Value: 1 Normal display

2 Not display direction and floor

3 The same to Fire setting

Default setting: :2

B.2.2.7 Setting Item 6 - Fire Status Display Setting for COP board

6 N

N Value: 1 Normal display

2 Display characters FIRE while stop, and display normal while running.

3 Not display direction, but display characters FIRE

Default: 1

B.2.2.8 Setting Item 7 - Fire Status Display Setting for call board

7 N

N Value: 1 Normal display

2 Display characters FIRE while stop, and display normal while running.

3 Not display direction, but display characters FIRE

Default: 1

B.2.2.9 Setting Item 8 - Display Mode

8 N

N Value: 0 Not flicker at speed-change floor

1 Flicker at speed-change floor

Default: 0

B.2.2.10 Setting Item 9 - Arrival Lamp Setting

9 N

N Value: 0-Flicker

1-Not flicker

Default: 0

B.2.2.11 Setting Item A - Arrival Gong Setting



N Value: 0-7

Arrival signal last time: $(2+N*0.5)$ seconds

Default: 0

B.2.2.12 Setting Item B - The third characters display setting for three characters display



While three characters, the third character can be set by custom through mainboard setting. There are 15 characters can be selected, the relation of display is as below:

Mainboard setting	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Character display while L=0	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Character display while L=1	A	B	C	D	E	0	1	2	3	4	5	6	7	8	9

Default: 0

B.2.2.13 Setting Item C - Save Setting



Press down-call button, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

B.2.2.14 Setting Item T - Save and Transmit Setting



Press down-call button, 3 seconds later, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

B.3 Segment LCD Display Call Board Setting Method 2

B.3.1 Setting Method

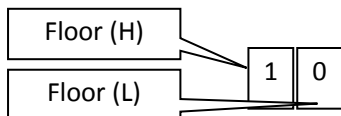
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumpers JC. Then power on, it will enter checking mode. Press up-call button and down-call button at the same time, 2 or 3 seconds later, it enters the setting mode.

2. Function setting

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

In function setting mode, left figure displays setting item code, and right figure displays current function number.



1- Setting item code. That means English car status display setting.

0- means English car status not display

Press up-call button to change setting item, and press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to B.3.2.10 for details)

If the whole call system update is needed, enters **transmit set** item(Refer to B.3.2.11 for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

B.3.2. Setting Items

B.3.2.1 Setting Item 0 - Chinese Car Status (Full load, overload, inspection, fire) Display Setting



N Value: 0 Not display

≠0 Normal display

Default: 1

B.3.2.2 Setting Item 1 - English Car Status (Full load, overload, inspection, fire) Display Setting



N Value: 0 Not display

≠0 Normal display

Default: 0

B.3.2.3 Setting Item 2 - Parking Status Display Setting for COP board

2	N
---	---

N Value: 1 Normal display, and arrive at base floor 30 seconds later display off.

2 Not display direction, but display characters, and arrive at base floor 30 seconds later display off.

3 Not display direction and characters.

Default: 1

B.3.2.4 Setting Item 3 - Parking Status Display Setting for Call board

3	N
---	---

N Value: 1 Normal display, and arrive at base floor 30 seconds later display off.

2 Not display direction, but display characters, and arrive at base floor 30 seconds later display off.

3 Not display direction and characters.

4 Not display direction, but display characters.

Default: 2

B.3.2.5 Setting Item 4 - Parking Status Display Characters Setting (For call board and COP board, the characters are the same)

4	N
---	---

N Value: 1=ZT Default: 1

B.3.2.6 Setting Item 5 - Error Display Setting (Only for COP board)

5	N
---	---

N Value: 1 Normal display

2 Display characters

3 Display characters while stop, normal display while running.

4 Display characters and floor in turn.

Default: 3

Display Error : Error F, Door Open Error n, Door Close Error u, Door Stop Error o

B.3.2.7 Setting Item 6 - Display Mode

6	N
---	---

N Value: 0 Not flicker at speed-change floor

1 Flicker at speed-change floor

Default: 0

B.3.2.8 Setting Item 7 - Arrival Lamp Setting

7	N
---	---

N Value: 0-Flicker

1-Not flicker

Default: 0

B.3.2.9 Setting Item 8 - Arrival Gong Setting

8	N
---	---

N Value: 0-7

Arrival signal last time: $(2+N*0.5)$ seconds

Default: 0

B.3.2.10 Setting Item 9 - Save Setting

9	N
---	---

Press down-call button, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

B.3.2.11 Setting Item T – Save and Transmit Setting

T	N
---	---

Press down-call button for 3 seconds, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

B.4 Group Control Call Board Setting Method

B.4.1 Setting Method

1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumper JC and the jumper EN (DS). Then power on, it will enter setting mode.

2. Function setting

In setting mode, display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Pressing AN button or up-call / down-call button, system enters the function setting mode.

In function setting mode, left figure displays setting item code, and right figure displays current function number.

Floor (H)	0	1
Floor (L)		

0 Setting item code. That means arrival gong time setting.

1 Arrival gong time is set to 1, which means arrival signal last for 2 seconds.

Press AN button to change setting item, and press up-call button or down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **B.4.2.4** for details)

If the whole call system update is needed, enters **transmit set** item(Refer to **B.4.2.5** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC and EN (DS) jumper, the call board enters normal work mode.

If pull out the jumpers before transmitting and saving parameters operations, all the function parameters will not be changed.

B.4.2. Setting Items

B.4.2.1 Setting Item 0 - Arrival Gong Time Setting

Arrival gong signal last time: $(2+N*0.5)$ seconds
 N Value: 0-8
 Default: 0

B.4.2.2 Setting Item 1 - Arrival Lamp Pulse Interval Setting

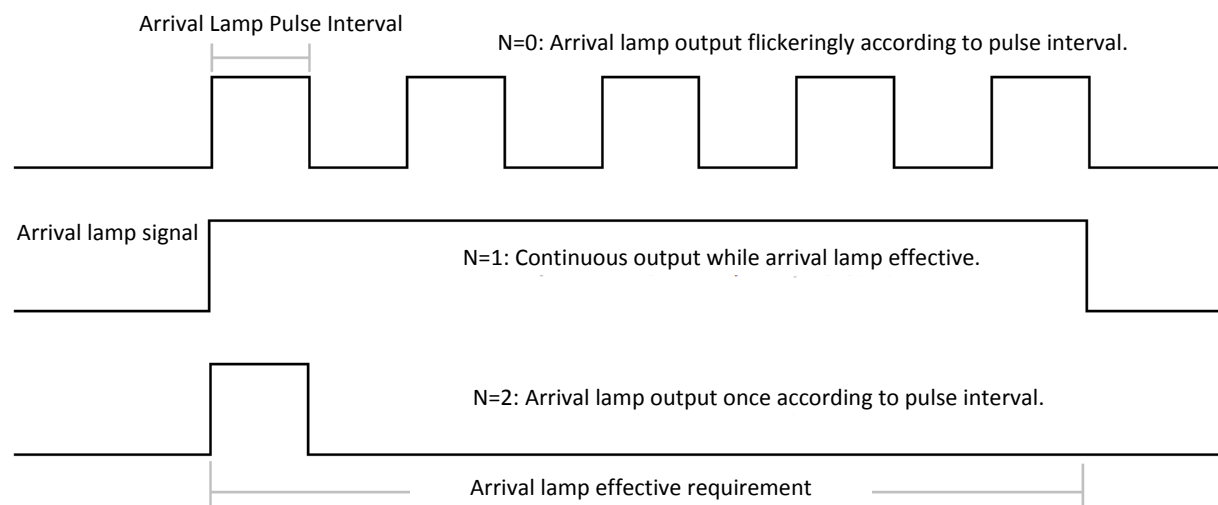
Arrival Lamp Pulse Interval: $(1+N)*0.5$ seconds
 N Value: 0-8
 Default: 0

B.4.2.3 Setting Item 2 - Arrival Lamp Mode Setting

N Value: 0 Arrival lamp output flickeringly according to pulse interval.
 1 Continuous output while arrival lamp effective.
 2 Arrival lamp output once according to pulse interval.^[Note]
 Default: 0

Note: While N is set to 0 or 1, the requirement of arrival lamp effective is a speed-change signal occurs in current door zone or door is open in current door zone.

The requirement of arrival lamp effective is a speed-change signal occurs in current door zone.



B.4.2.4 Setting Item 3 - Save Setting

Press up-call button and down-call button at the same time, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

B.4.2.5 Setting Item 4 - Save and Transmit Setting

Press up-call button and down-call button at the same time, 3 seconds later, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note 1: This function must be operated in manual mode and the elevator must stop, otherwise, other group call board will not receive the settings.

Note 2: If there is another model call board in the same CAN communication net, with the condition which is not fulfilled Note 1, it's possible to change other model call board parameters setting.

B.5 Port Transformer Board Setting Method

B.5.1 Setting Method

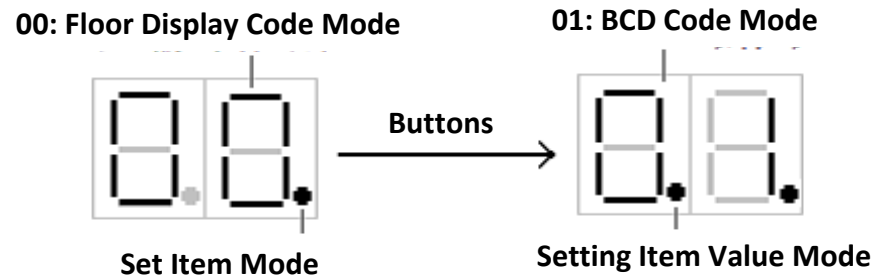
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumper JC and the jumper EN (DS). Then power on, it will enter setting mode.

2. Function setting

After entering setting mode, 7-segment-code LED displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Pressing AN button or up-call / down-call button, system enters the function setting mode.

In function setting mode, decimal points on 7-segment-code LEDs indicate tow status, the setting items or setting values. It is in selecting setting item mode while the decimal point on right 7-segment-code LED lightening on. It is in setting item value mode while the decimal points on left and right 7-segment-code LEDs all lightening on. Examples are as below.



Press AN button to switch the tow modes- Setting Items or Setting Item Value, and press up-call button or down-call button to change the current set value.

3. Exit the Display Setting

Pull out the JC and EN (DS) jumper, the transformer board enters normal work mode.

If pull out the jumpers before transmitting and saving parameters operations, all the function parameters will not be changed.

B.5.2 Setting Items

B.5.2.1 Setting Item 00 - Floor-display code mode

Value: 0 - Binary Code

1 - Binary-Coded Decimal (BCD)

2 - Binary Gray Code

Default: 0

B.5.2.2 Setting Item 01 - Floor-display output mode

Value: 0 - Physical floor + Offset output

1 - Main control board floor-display setting+ Offset output

2 - Physical floor + Code table (Display conversion table provided by manufacturer) output

3 - Main control board floor-display setting + Code table (Display conversion table provided by manufacturer) output

Default: 0

Physical floor: For the N floor lift, 0 means the bottom floor, 1 means the second bottom floor, and N-1 means top floor.

Offset: digit 0 - 9, can be changed by configuration.

Example 1: Assuming that offset is 1. Lift stops at the 2 floor (There are 2 floors of basement), the current physical floor is 3, and the lift displays floor 2.

Output in the physical floor plus offset way, the output is $3+1=4$.

Example 2: Assuming that offset is 1. Lift stops at the 2 floor (There are 2 floors of basement), the current physical floor is 3, and the lift displays floor 2.

Output in the main control board floor-display setting plus offset way, the output is $2+1=3$.

In this way, the characters main control board set only can be digit 0 to 9, and 3-bit display is not supported.

Example 3: Lift stops at basement 1 (There are 2 floors of basement), the current physical floor is 1, and the lift displays B1. (Corresponding to B1, the display code is 60.) In code table, TB (1) =60.

Output in the physical floor plus code table way, the output is 60.

Example 4: Lift stops at floor 13, the lift displays floor 12A. (Corresponding to 12A, the display code is 86.)

Output in the physical floor plus code table way, the output is 86.

B.5.2.3 Setting Item 02 - Floor-display output offset

Value: 0-9. Default: 1

B.5.2.4 Setting Item 03- Up arrival and down arrival output setting

Value: 0- Output in conformity to 0.5 second pulse interval when lift arrival.

1 - Arrival signal continuous output

Default: 0

B.5.2.5 Setting Item 04- save setting

In the item value setting mode, press up-call button and down-call button simultaneously. 2 seconds later, the 7-segment-code LEDs start to flicker. Flicker

for 3 times means save success.

B.5.2.6 Setting Item N- Port signal output setting

N is for 11-20 representing J5-11 to J5-20.

Value: 0-22 corresponding to the output in the following table.

Port Signal Output Code Table

Code	Output Signal	Code	Output Signal
00	Parking	12	Door interlock off
01	Inspection	13	Door open
02	Fire	14	Door close
03	User	15	Up
04	Manual	16	Down
05	Auto	17	Run
06	Error	18	Stop(No run signal)
07	Overload	19	Full load*/ Overload** : *For call display board, **For COP display board
08	Full load	20	Arrival output: speed-change signal come, output for 2 seconds Current floor output for call board display, arrival gong output for COP board
09	Safe loop (Emergency stop)		
10	Fire and stop at fire floor	21	Up arrival output Output requirements are speed-change signal in current floor door zone or door open at current floor, and direction signal comes.
11	Door interlock	22	

Appendix C Dimensions of installation baseboard

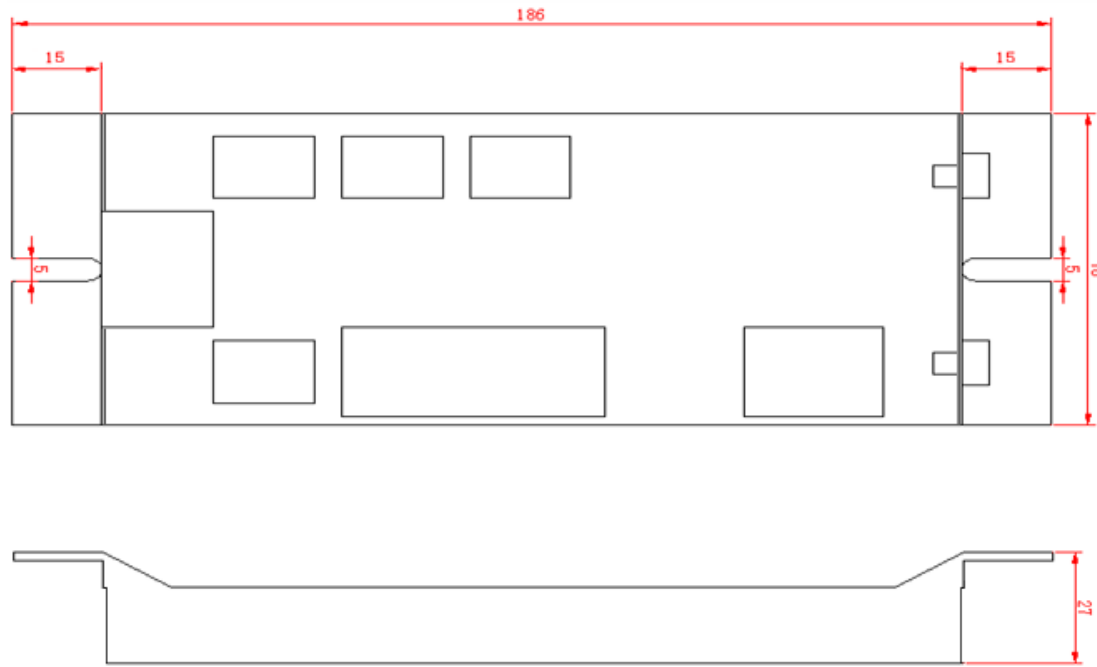


Fig1

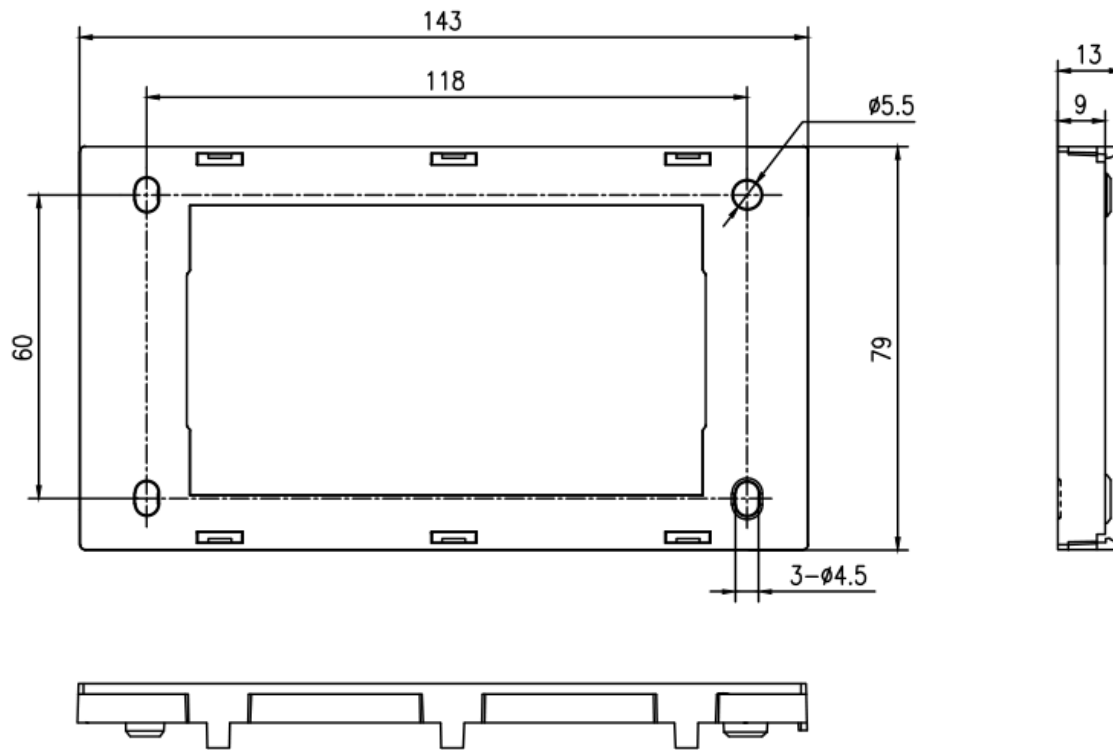


Fig2

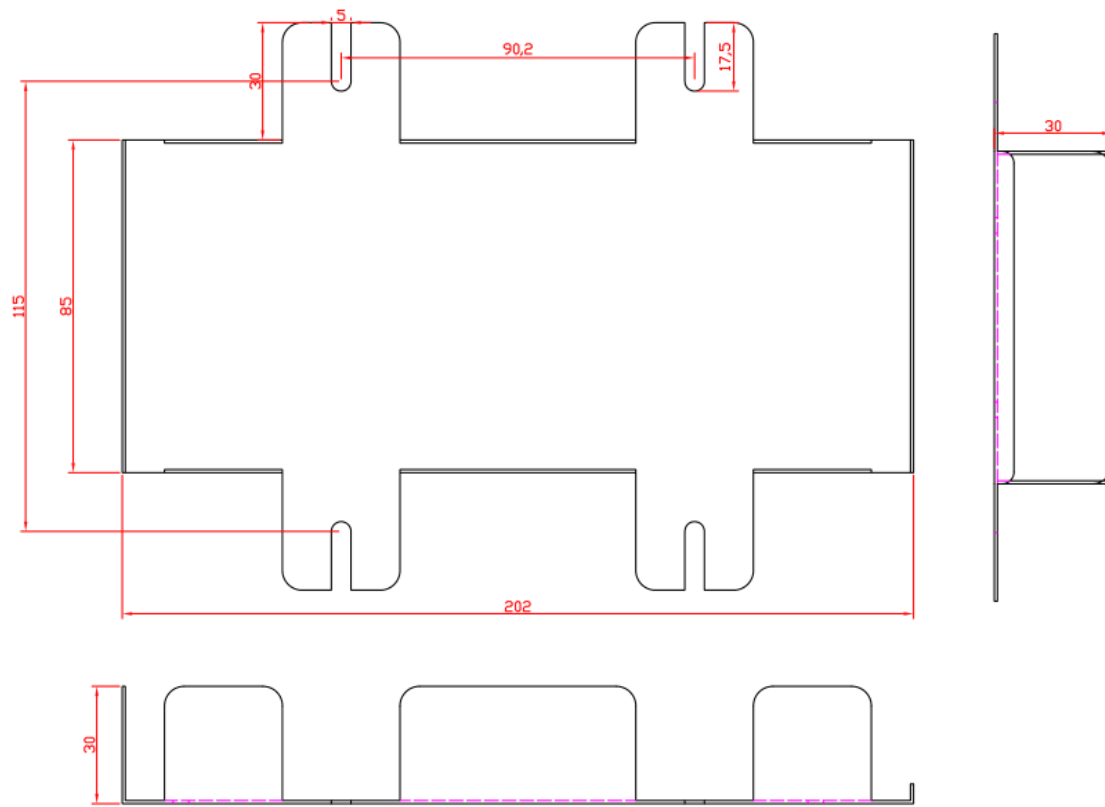
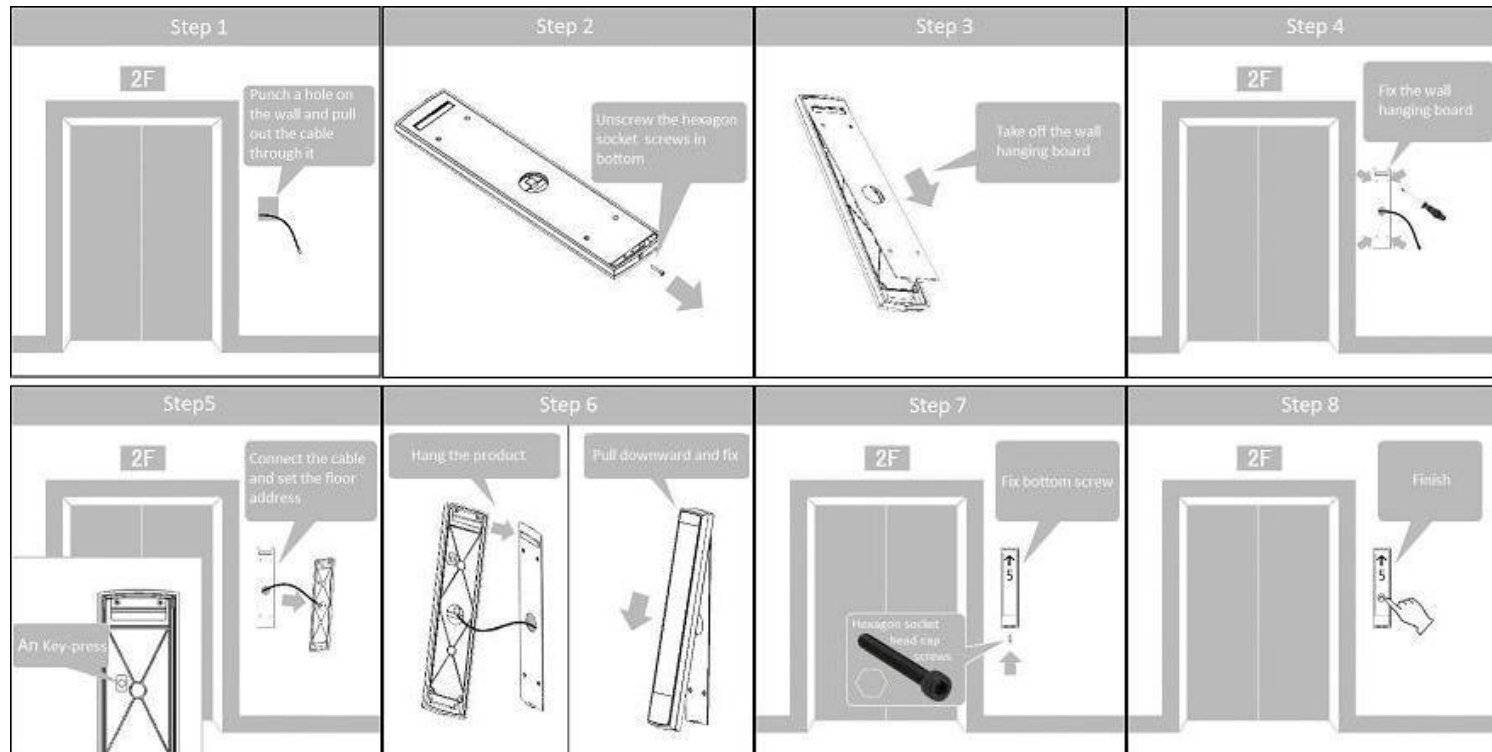


Fig3

Appendix D Touch-button Call Board Installation Guide and Setting Method

D.1 Installation Guide



D.2 Floor Address Setting Method

The same as appendix A.1 and A.2

D.3 Button Brightness Setting

1. Enter the Setting Mode

Open the box of call board, and press AN key-press on the SJT-BUTTON-CVx board for 1 second, button appears red and white alternately for 3 times, and then enter the button lightness setting mode.

2. Brightness Setting Method

- ① In setting mode, buttons light in white. Each pressing the up-call button, the brightness increases by one level. When the brightness is up to the brightest level, it will be back to the darkest, and then increases. Each pressing the down-call button, the brightness decreases by one level. When the brightness reaches to the darkest level, it will be back to the brightest, and then decreases. There are six levels for button brightness.
- ② Release the button, and no button press in 2 seconds, current white button brightness setting will be saved, and then buttons light in red.
- ③ Each the up-call button pressing, the brightness increases by one level. When the brightness is up to the brightest level, it will be back to the darkest, and then increases. Each pressing the down-call button, the brightness decreases by one level. When the brightness reaches to the darkest level, it will be back to the brightest, and then decreases. There are six levels for button brightness.
- ④ Release the button, and no button press in 2 seconds, current red button brightness setting will be saved.
- ⑤ Buttons flash 3 times in white and red alternately, and it enters the normal working mode, and the setting finishes.

Note: Normally, the color of buttons on touch-button call board is white or red. Button shows in white, and will become red when being touched.

D.4 Function Setting

D.4.1 Segment LCD Call Board Function Setting

D.4.1.1. Segment LCD Call Board Function Setting Method

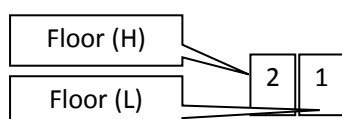
1. Enter Setting Mode

Power off the system (Pull out the communication cable), short the jumper named JC, and then power on. System runs in check mode. Press the AN button for 2 or 3 seconds, system enters setting mode.

2. Function Setting Method

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

Left figure displays setting item code, and right figure displays current function number.



2 Setting item code, that means call display setting in parking period.

1 means system displays normally in parking period. Arrived at the base floor 30 second later, system displays off. Press up-call button to change setting item, and press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **D.4.1.2.6 Setting Item 5** for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **D.4.1.2.7 Setting Item 6** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.


4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.


If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

D.4.1.2 Segment LCD Call Board Function Items


D.4.1.2.1 Setting Item 0- Elevator Status (Full-load, Over-load, Inspection, Fire service) Chinese Display

 N Value: 0 Not display
 ≠0 Normal display
 Default: 1


D.4.1.2.2 Setting Item 1- Elevator Status (Full-load, Overload, INSP, FIRE) English Display

 N Value: 0 Not display
 ≠0 Normal display
 Default: 1


D.4.1.2.3 Setting Item 2- Parking Status Display Set

 N Value: 1 Normal display, and display off arrived base floor 30 seconds later.
 2 Not display direction, display characters, and display off arrived base floor 30 seconds later.
 3 Not display direction and characters
 4. Not display direction, display characters
 Default: 2


D.4.1.2.4 Setting Item 3- Parking Status Display Characters Set (COP displays the same characters as call board)

 N Value: 1= ZT Default: 1


D.4.1.2.5 Setting Item 4- Display Mode Set

 N Value: 0 Not flicker at changing speed floor
 1 Flicker at changing speed floor
 Default: 0

D.4.1.2.6 Setting Item 5- Save Setting

 Press the down-call button for 3 seconds, character N starts to flicker, N changes from 3 to 0, that means saving success.

D.4.1.2.7 Setting Item 6- Save and transmit Setting

 Press the down-call button for 3 seconds, and then the transmission starts. It will transmit 3 times, in this period, character N shows the residual number of transmissions.
 N flickers and change from 3 to 0. That means the setting has been transmitted to other call board, otherwise, transmission fails.
 Note: This function should be carried out when car is in INSP and parking status, otherwise, other call board will not receive the setting parameters.

D.4.2 Dot Matrix display Call Board Function Setting

D.4.2.1 Dot Matrix Display Call Board Function Setting Method

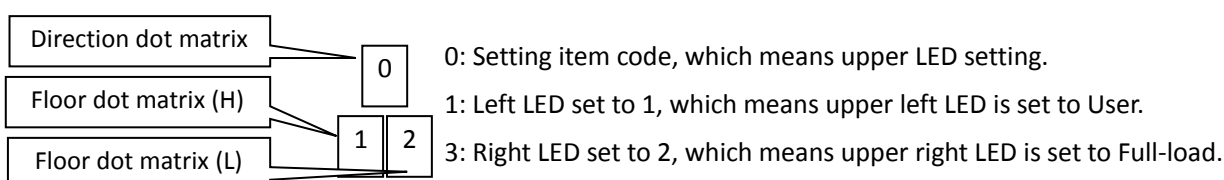
1. Enter Setting Mode

Power off the system (Pull out the communication cable), short the jumper named JC, and then power on. System runs in check mode. Press the AN button for 2 or 3 seconds, system enters setting mode.

2. Function Setting Method

In setting mode, direction dot matrix displays character U and character P alternately. When the character U is displayed, current user code is displayed in floor dot matrix. When the character P appears, current program version is shown in floor dot matrix. Above contents flicker 3 times, and then system enters the function setting mode.

Direction dot matrix displays setting item code, and floor dot matrix display current function number.



Press up-call button to select dot matrix, and dot matrix selected will flicker. At this moment, the set value could be changed. Press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved (Refer to **D.4.2.2.16 Set Items S** for details).

If the whole call system update is needed, enters *transmit set* item(Refer to **D.4.2.2.17 Set Items T** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

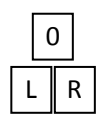
4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

D.4.2.2 Dot Matrix Display Call Board Function Items

D.4.2.2.1 Setting Item 0-Upper LED Setting

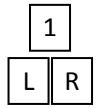


L Left LED setting R Right LED setting Default: 2, 4

L, R Value:

0: Not display. 1: User. 2: Full-load. 3: Overload. 4: INSP. 5: Fire. 6: Err. 7: Park

D.4.2.2.2 Setting Item 1-Lower LED Setting

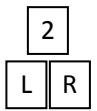


L Left LED setting R Right LED setting Default: 5, 1

L, R Value:

0: Not display. 1: User. 2: Full-load. 3: Overload. 4: INSP. 5: Fire. 6: Err. 7: Park

D.4.2.2.3 Setting Item 2-Inspect Status Display Setting



L R Value: 01 Normal display

02 Display character in parking status, and normal display in run status

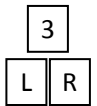
03 Not display direction, but display character

04 Not display floor and direction

05 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

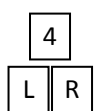
Default: 02

D.4.2.2.4 Setting Item 3- Inspect Status Display Characters Setting



L, R Value: 01=JX, 02=INS. Default: 01

D.4.2.2.5 Setting Item 4- Parking Status Display Setting



L, R Value: 01 Normal display, and display off arrived base floor 30 seconds later.

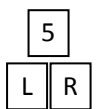
02 Not display direction, but display character, and display off arrived base floor 30 seconds later.


03 Not display floor and direction

04 Not display direction, but display character

Default: 02

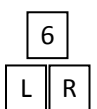
D.4.2.2.6 Setting Item 5- Parking Status Display Characters Setting



L, R Value: 01=ZT, 02=PARK, 03= 

Default: 01

D.4.2.2.7 Setting Item 6- Full-load Status Display Setting



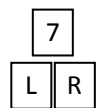
L, R Value: 01 Normal display

02 Display floor and direction

03 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 01

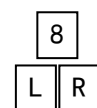
D.4.2.2.8 Setting Item 7- Full-load Status Display Characters Setting



L, R Value: 01=MZ, 02=MY, 03=FL, 04=FULL LOAD.

Default: 01

D.4.2.2.9 Setting Item 8- Fire Initial State Display Setting



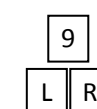
L, R Value: 01 Normal display

02 Not display floor and direction

03 The same to fire setting

Default: 02

D.4.2.2.10 Setting Item 9- Fire Status Display Setting



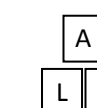
L, R Value: 01 Normal display

02 Display character in parking status, and normal display in run status

03 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

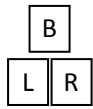
Default: 01

D.4.2.2.11 Setting Item A- Fire Status Display Character Setting



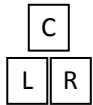
L, R Value: 01=XF, 02=FR, 03=FIRE. Default: 01

D.4.2.2.12 Setting Item B- Direction Arrow Display Setting



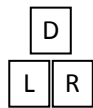
L Value: 0 Thin arrow
 1 Thick arrow
 R Value: 0 No scrolling in run-time
 1 Scrolling in run-time
 Default: 01

D.4.2.2.13 Setting Item C- Display Mode



L Value: 0 Pull-curtain display when floor changes. 1 Vertical-scroll display when floor changes.
 2 Horizontal-scroll display when floor changes. 3 Not scroll when floor changes.
 Default: 0
 R Value: 0 Unflicker at speed-change floor. 1 Flicker at speed-change floor.
 Default: 0

D.4.2.2.14 Setting Item D- Display Setting

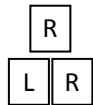


L: The third character display area setting in the case of three-character display.
 For three-character display, user sets what is shown in the third character area by main control board. F0-05 to F0-68 parameters show the 3- character display setting, which the former two characters can be set as digit, letter or minus, and the third character can be set to the following uppercase letters only, A B C D E F G H I J K L M N O. For 2-character display, please set the former tow characters, and set the third character to space. (The 3-character display function should be match to specific call board program, otherwise, 3-character display may be abnormal.) Main control board can set 15 characters as follow.

Main control board setting characters	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Display character L=0	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Display character L=1	A	B	C	D	E	0	1	2	3	4	5	6	7	8	9

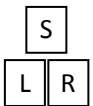
R: Only one character to display, whether display it in the middle or not.(Only for 7*11 dot matrix)
 0 Center display
 1 Right display
 Default: 00

D.4.2.2.15 Setting Item R- Restore Factory Defaults



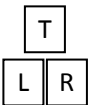
L=5, R=5 Restore factory defaults. R flickers and L=0, R=0 means restore success.
Note: This function restores the current settings to factory defaults, but saving operation has not been carried out yet.

D.4.2.2.16 Setting Item S- Save the Setting



L=5, R=5 Save the setting. S flickers and L=0, R=0 means current setting has been saved successfully.

D.4.2.2.17 Setting Item T- Save and Transmit the Setting



L=5, R=5 Save and transmit the setting.
 Transmit for 3 times, L and R display the residual number of transmissions in processes.
 T flickers and L=0, R=0 means the setting has been transmitted to other call board in system (Including COP display boards). T flickers and L=1, R=1 means transmit failed.

Note: This function must be carried out with the car being in inspection and parking status or else other call board will not receive the setting.