1. Introduction

BL2000-HZB-V1.1 COP & Parallel Landing Call Convert Board has the following main functions:

(1). This board can be used for both COP and parallel Landing call input & response; Two mode is switched by DIP-Switch;

(2). 7-segment floor display output and elevator status output.

2. BL2000-HZB-V1.1 Picture and Dimension

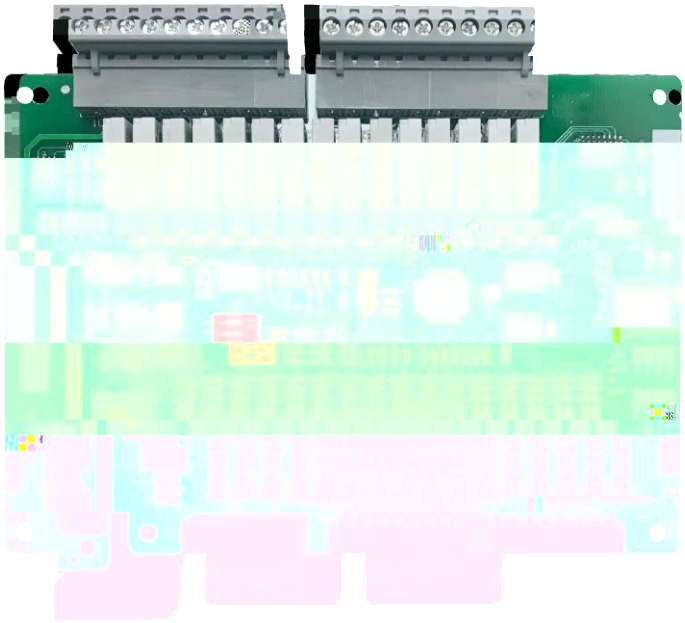

Figure 2.1 BL2000-HZB-V1.1 Front View

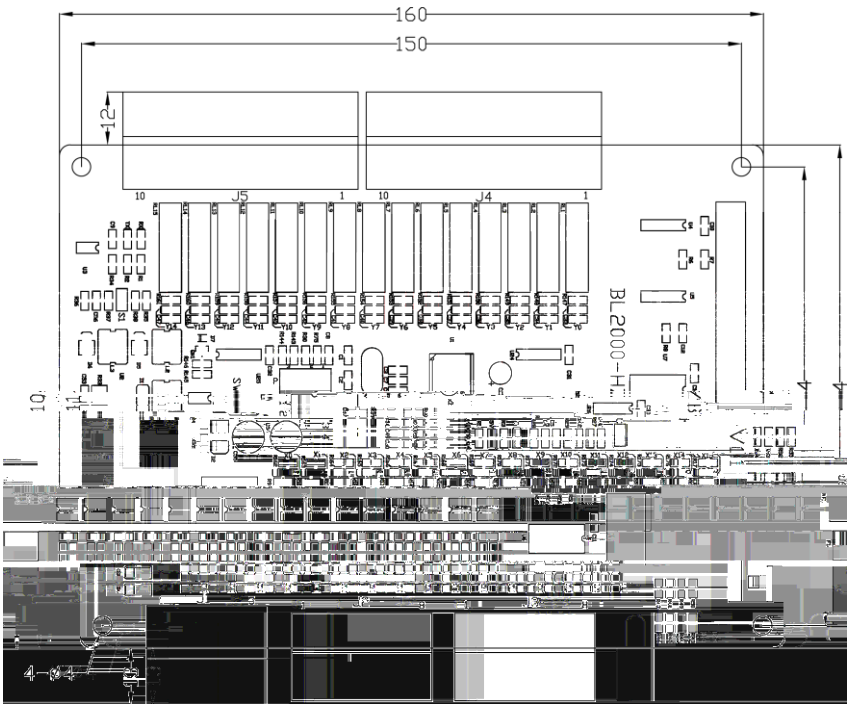

Figure 2.2 BL2000-HZB-V1.1 Dimension

3. Terminal Definition

Table 3.1 Terminal Definition and Specification

Terminal	Pin	Indicator	Definition for COP Board	Definition for Convert Board	Specification	
					Type	Capacity
J1	J1-1	-	24V Input	24V Input	Power & Communication	
	J1-2	-	24V Ground	24V Ground		
	J1-3	-	CAN Bus H	CAN Bus H		
	J1-4	-	CAN Bus L	CAN Bus L		
	J1-5	-	24V Output	24V Output		
J2	J2-1	X0	1st Car call	1st Up call of Single collective or 1st Up call of Full collective	Opto -coupler Input	8mA
	J2-2	X1	2nd Car call	2nd Down call of Single collective or 2nd Down call of Full collective		
	J2-3	X2	3rd Car call	3rd Down call of Single collective or 2nd Up call of Full collective		
	J2-4	X3	4th Car call	4th Down call of Single collective or 3rd Down call of Full collective		
	J2-5	X4	5th Car call	5th Down call of Single collective or 3rd Up call of Full collective		
	J2-6	X5	6th Car call	6th Down call of Single collective or 4th Down call of Full collective		
	J2-7	X6	7th Car call	7th Down call of Single collective or 4th Up call of Full collective		
	J2-8	X7	8th Car call	8th Down call of Single collective or 5th Down call of Full collective	OC Door Output	Current -limit resistor
J3	J3-1	X8	9th Car call	9th Down call of Single collective or 5th Up call of Full collective		
	J3-2	X9	10th Car call	10th Down call of Single collective or 6th Down call of Full collective		
	J3-3	X10	11th Car call	11th Down call of Single collective or 6th Up call of Full collective		
	J3-4	X11	12th Car call	12th Down call of Single collective or 7th Down call of Full collective		
	J3-5	X12	Open Door Button	13th Down call of Single collective or 7th Up call of Full collective		
	J3-6	X13	Close Door Button	14th Down call of Single collective or 8th Down call of Full collective		

Continue Table 3.1 Terminal Definition and Specification

Terminal	Pin	Indicator	Definition	Usage	Specification	
					Type	Capacity
J3	J3-7	X14	Light curtain	15th Down call of Single collective or 8th Up call of Full collective		
	J3-8	X15	Overload input	16th Down call of Single collective or 9th Down call of Full collective		
J4	J4-1	-	J4-2 J4-10 Com	J4-2 J4-10 Com		
	J4-2	Y0			Relay Output	DC5A24V AC5A250V
	J4-3	Y1	-	-		
	J4-4	Y2	7-segment A	7-segment A		
	J4-5	Y3	7-segment B	7-segment B		
	J4-6	Y4	7-segment C	7-segment C		
	J4-7	Y5	7-segment D	7-segment D		
	J4-8	Y6	7-segment E	7-segment E		
	J4-9	Y7	7-segment F	7-segment F		
	J4-10	Y8	7-segment G	7-segment G		
J5	J5-1	-	J5-2,J5-3 Com	J5-2,J5-3 Com		
	J5-2	Y9	Up arrow	Up arrow	Relay Output	DC5A24V AC5A250V
	J5-3	Y10	Down arrow	Down arrow		
	J5-4	-	J5-5 J5-8Com	J5-5 J5-8Com		
	J5-5	Y11	Open Door Output	Inspection	Relay Output	DC5A24V AC5A250V
	J5-6	Y12	Close Door output	Park		
	J5-7	Y13	Lamp & Fan control	Fire		
	J5-8	Y14	Gone	Spared		