# 1. Introduction

BL2000-HZB-V1 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 Picture and Dimension

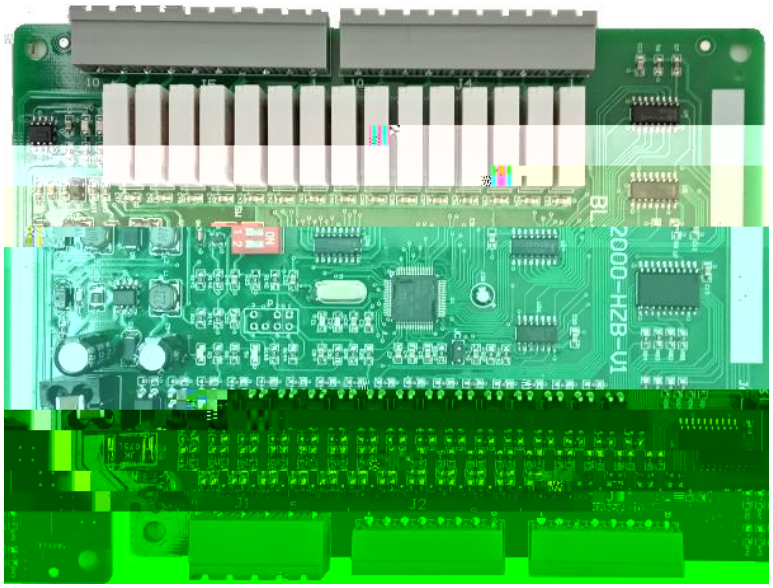


**Figure 2.1 BL2000-HZB-V1 Front View**

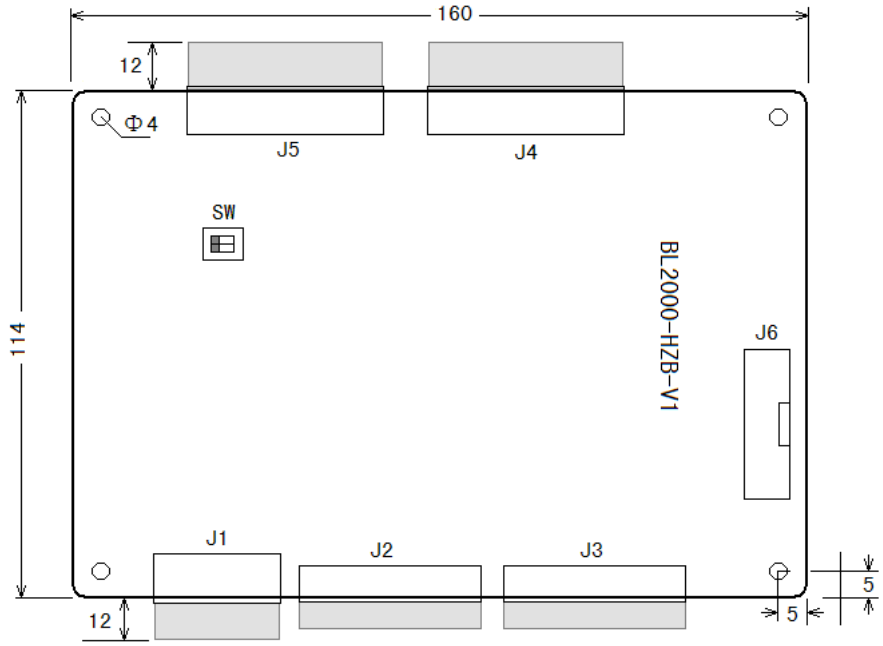


**Figure 2.2 BL2000-HZB-V1 Dimension**

# 3. Terminal Definition

**Table 3.1 Terminal Definition and Specification**

| Terminal | Pin | 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 | Inspection | 1st Up call of Single collective or 1st Up call of Full collective | Opto -coupler Input | 8mA |
| | J2-2 | Inspection up | 2nd Down call of Single collective or 2nd Down call of Full collective | | |
| | J2-3 | Inspection down | 3rd Down call of Single collective or 2nd Up call of Full collective | | |
| | J2-4 | Attendant Input | 4th Down call of Single collective or 3rd Down call of Full collective | | |
| | J2-5 | Attendant Up | 5th Down call of Single collective or 3rd Up call of Full collective | | |
| | J2-6 | Attendant Down | 6th Down call of Single collective or 4th Down call of Full collective | | |
| | J2-7 | Non-stop input | 7th Down call of Single collective or 4th Up call of Full collective | | |
| | | | | OC Door Output | Current -limit resistor 560Ω |

**Note:**

**1 While used as LOP convert board, if maximum floor less than 32 floors, landing call inputs of rear door will follow the last landing call input of front door. For example,**

| | Single collective | Full collective |
|---|---|---|
| J2-1 | 1 (front door) | 1 (front door) |
| J2-2 | 2 (front door) | 2 (front door) |
| J2-3 | 3 (front door) | 2 (front door) |
| J2-4 | 1 rear door | 3 (front door) |
| J2-5 | 2 rear door | 1 rear door |
| J2-6 | 3 rear door | 2 rear door |
| J2-7 | | 2 rear door |
| J2-8 | | 3 rear door |

**If maximum floor is more than 32 floors, all landing call inputs become front door call.**

**2. While used as Car Top board,**

**3. Display**