

## **Control System Specification**

### **Main Control Board Features :**

- Fujitsu high-performance single chip computer with 32 bits arithmetic
- Four-layer printed circuit board with CAN bus serial communications
- High intelligence, great resistance to interference, good reliability and high standard
- Keypad operated and liquid crystal display
- Optimized elevator running curve and ensuring steadiness of direct landing with high accuracy ( = < 3mm )
- Supports simplex / duplex and group controls, remote monitoring (wired and wireless) and card access (IC card) management system

### **Scope of Application :**

- Elevator selective-collective operation, two elevators duplex operation, 3 to 8 elevators group operation
- Range of speed : 0.5 m/s to 4.0 m/s
- Range of floor : up to 64 floors
- Passenger elevators, freight elevators, bed elevators and apartment elevators
- Load weighting compensation feature and fireman operation interfacing
- Applicable core geared traction machine and gearless permanent magnet synchronous traction machine

### **Description of Functions :**

- Inspection Driving
- Manned Driving
- Self Learning of Shaft Data
- Automatic Modification of Shaft Data
- Real Time Self Diagnostic
- Display of Elevator Performance and Data
- Analog and Digital Velocity given
- Setup of Display Character
- Setup of Service Floor
- Rush Hour Service
- Elevator Operation Schedule
- VIP Service Floor
- Collective Selective control
- Full Load Direct Driving
- Direct Landing
- Automatic Return to Main Floor
- Independent Service
- Wrong Command Cancellation
- Automatic Door Opening After Landing
- Flexible Door Holding Time Control
- Door Opening by landing Call
- Forced Opening Door in Door Zone
- Intelligent Door Opening / Closing Switching
- Arrival Light and Chime
- Voice Synthesizer
- Dot Matrix Floor Indication