IEC3138 - Elevator Main Controller
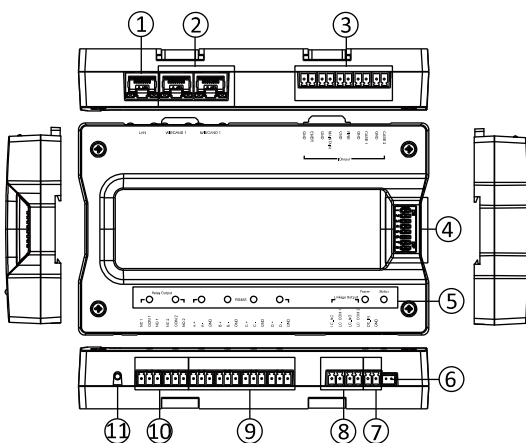

IEC3016 - Elevator Floor Control Unit

IEC3000 Series
Elevator Access Controller

- The elevator access control system consists of the Elevator Main Controller (IEC3138) and the Elevator Floor Control Unit (IEC3016).

- The Elevator Main Controller can provide access control of up to 128 floors.

- Supports TCP/IP communication to the management software while connecting to the Elevator Floor Control Unit and RFID card readers via RS-485.

- Connectable up to 3 groups of Elevator Floor Control Unit, each group consists of up to 8 Elevator Floor Control Units.

- Support 3 types of lift call: Button, Call Elevator and Auto Button preset-able via DIP switch setting.

- Up to 128 floor permission can be controlled, 20,000 cards and 50,000 event log.

- Supports up to 256 schedule templates, each schedule template supports up to 1 week plan and 4 holiday groups.

- Elevator Main Controller supports 5 control inputs and 5 control outputs for events.

- Multiple authentication modes: Card, Fingerprint, Password, ID, Super Password & Duress Code.

- Remote control via web client and VMS / ISM.

- Supports NTP time synchronization manually and automatically.

- Watchdog & Tamper-proof function.

- Elevator Floor Control Unit (IEC3016) connects up to 16 relays to control the floor buttons of the elevator.

- Preset-able DIP switch setting for device address.

- Event reporting back to Elevator Main Controller via RS-485 link.

IEC3138 - Elevator Main Controller

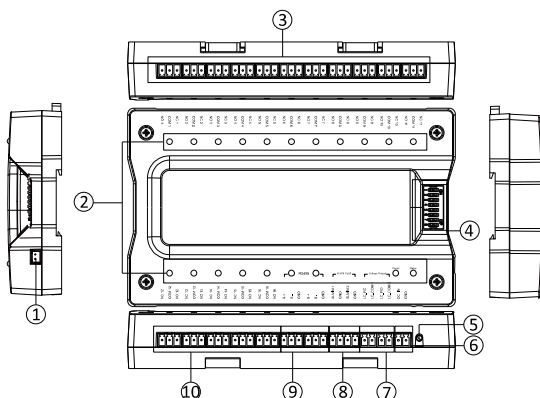| No.	Description
1	Tamper-Proof
2	Wiegand Terminal
3	IO Input Terminal
4	DIP Switch (Reserved)
5	Indicator
6	Tamper-Proof Interface
7	Power Input
8	Linkage Output Terminal
9	RS-485 Terminal
10	Relay Output Terminal
11	GND Tread Interface

IEC3138 - Elevator Main Controller

IEC3016 - Elevator Floor Control Unit

Technical Specification

	IEC3138	IEC3016
Processor	32-bit, 16 Mb. Built-In Clock.	
Communication Interface	Uplink: TCP/IP, RS-485 Downlink: RS-485,Wiegand (W26, W34)	2 nos. RS-485
Storage	20,000 cards 50,000 events (expandable to 600k)	N/A
LED Indicators	Power Supply Status Communication Working Status Relay Status (NC/NO) Network Status	Power Supply Status Communication Working Status Relay Status (NC/NO)
Card Reader	Up to 2 Card Readers (RS-485/Wiegand)	N/A
Input Interface	1 Panic Button, 1 Fire Alarm Button 1 Maintenance Button	2 nos. Alarm Input Tamper Switch
Output Interface	5 Relay Outputs	16 Relay Outputs Buzzer
Real-Time-Clock (RTC)	Support	N/A
Power Supply	12 Vdc +/- 15%, 2A	
Working Condition	-40ºC ~ 70ºC; 0% ~ 90% (non-condensing)	
Dimensions (WxHxD)	167 x 105 x 30 mm	
Installation	DIN Rail mounted	

IEC3016 - Elevator Floor Control Unit

No.	Description
1	Tamper-Proof Interface
2	Indicator
3	Relay Terminal
4	DIP Switch
5	GND Thread Interface
6	Power Input (12VDC)
7	Linkage Output Terminal
8	Alarm Input Terminal
9	RS-485 Terminal
10	Relay Terminal