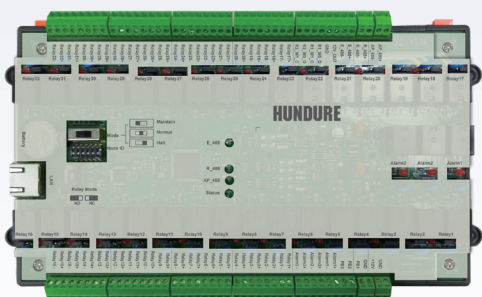


HDE-120 Elevator Control Panel



Features

- Built-in TCP/IP & RS-485 communication interfaces for connecting to PC
- Supports 100,000 cardholders
- Supports 30,000 events
- Built-in 32 relays for 32 floor control; Expandable to connect MCU-0016 x 4 to control 64 floors
- Supports to control 96 floors in total for each elevator
- Supports to connect Wiegand (or RS-485) readers x 2 for each elevator
- Provides 3 sensor inputs for fire signal detection or maintenance button, out-of-service button and emergency button.
- A mode switch to change the modes among maintenance, out-of-service or normal modes
- Provides 3 relays for connecting blacklist / Emergency alarm, maintenance strobe or out-of-service strobe
- Automatically release all floor controls for free access once a fire signal is detected
- Provides 256 groups of time schedules; Each group of time schedule includes a whole week (7days) time schedules ; Each day allows 8 time schedules settings
- Provides free access time schedules for each floor and be configurable whether this free access function will be disabled automatically on holidays.
- Provides two groups of holiday setting; Each holiday group supports 100 holidays per year
- Blacklist function to deter criminals
- Built-in flash memory, data can be saved more than 1 year after power off.
- Built-in RTC battery, Real-Time-Clock will keep operating for 1 year after power off.
- RTC (Real Time Clock) and Watchdog function ensure accurate date/time and system free from halting.

Ordering Information

Package Content:

- HDE-120 x 1
- Quick Start Guide x 1

Supported Software:

- HAMS Management System

Optional Accessories:

- EPC-406 USB to RS-422/485 Converter
- RS-485 / Wiegand Reader
- MCU-0016 Digital Output Control panel

Specifications

Inputs	3 sensors
Outputs (Built-in)	Built-in 32 relays (for 32 floor control) and 3 relays (for alarms / strobes)
Outputs (External)	MCU-0016 x 4 (max.)
Cardholders	100,000
Events	30,000
LED Indicator	G LED × 1 (PWR) 、 R LED × 35 (32 + 3 Relay LEDs) 、 R/G LED × 3 (COMM)
Real Time Clock	Yes
ID Setting	By DIP Switch
Comm. Interface	To PC : TCP/IP × 1 : RS-485 × 1 To Downstream Devices : RS-485 × 2 : 19,200 bps-N-8-1
Reader Ports	Wiegand & RS-485 (Allows to connect Wiegand / RS-485 readers x 2)
Power Input	DC 12V / 2.5A (excluding readers)
Transmission Speed	TCP/IP: 10 / 100 Mbps ; RS-485:19200 bps-N-8-1
Operating Temp.	-40°C ~ 70°C / -40 °F ~ 158°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimensions	245 X 149 X 33 (mm)

System Architecture

