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*Elevator
Access Controller*
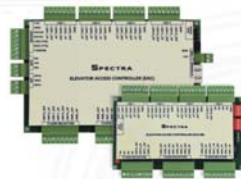
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Attolo

EAC - Elevator Access Controller

Specifications : Hardware

No. of Floors	: Up to 52 Maximum
No. of Floors on board	: 12
No. of Floors on expansion board	: 10
Max. Expansion board per controller	: 4
Controller	: 1 per Elevator car
CPU	: 8 Bit Micro controller running @ 42 MHZ
Program Memory	: 512 Kbytes
Data Memory	: 2 MB Flash
Database	: 30,000 card holders
Transactions	: 55,000 times stamped events storage Capacity
RTC	: Non Volatile Real Time Clock Calendar
Communication	: 10 Base-T RJ45 Ethernet interface (TCP/IP) with status LED indications
Reader Interface	: Weigand configurable from 26 bits to 40 bits/ Clock Data, 1 Reader port
Reader Control	: LED Control, Buzzer Control and Reader Tamper switch input
Relay Interface	: Up to 52 Relay Outputs for floor selection :: 3A @ 12VDC
Digital Inputs	: 2 General purposes optically isolated Digital input
Digital Output	: 1 General purpose relay output
Watchdog	: Built-in watchdog supervisor
Supply	: 12V DC
Operating Temperature	: 0°C to 49°C (32°F to 120°F)
Dimensions	: 18.0 cm (L) x 12.4 cm(W) x 2.0 cm(D)

Specifications : Firmware

Time Zone	: 30 user defined time zones
Access Groups	: 90 Access Groups
Day Access	: Day of the week access
Week off Groups	: 30 Week off Groups
Holiday Groups	: 10 Holiday groups, 30 holidays per group

Ordering Info. :

EAC	: Elevator Access Controller (12 Floors)
EAC-EB	: Expansion board for EAC (10 Floors per board)

Specifications are subject to change without any prior notice

Features

One Controller per elevator car
Per elevator car one Elevator Access Controller (EAC) is required. There is no communication between two distinct elevator cars and only one card reader can be interfaced, which is to be mounted inside the elevator.

Supports up to 52 Floors
An EAC supports 12 floors including ground floor and a basement floor. It can be attached to Elevator Access Control Expansion Board (EACEB) using FRC connector which supports additional 10 floors. Each EAC can be attached to maximum 4 EACEB to control a total of 52 floors using 1 EAC and 4 EACEB with the option of floor control relay from the EAC being directly interface with the elevators floor control buttons.

Supports elevator car floor selection button for programming
The elevator floor buttons are used for programming the user cards in stand alone mode. The programming mode is protected by a master card. On showing it one can add, edit or delete a user card. While adding or editing, one can select floors where the user is allowed.

Supports Fail safe mode
On power failure of EAC elevator car works in normal mode in which anyone can move to any floor.

Inbuilt RJ45 Network Interface
Leveraging on the merits of IP based system; it can easily be hooked up on the existing TCP/IP network. Thus the data can be transferred instantaneously in real time mode to a centralized server.

Field Upgradable Firmware
Facility to onsite upgrade the firmware over Ethernet interface so that any customization or new version can be easily upgraded without any need of removing the device.

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