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EL363

Single-door Access Control System

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The Controller that is Small in size
but Big in features

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EL363 Single-door Access Controller

The EL363 Single-door Access Controller provides basic function of controlling the entry and exit through the particular door that it protects. The EL363 combines access controller, card reader and keypad in one unit. It offers convenient, programmable access control at a low cost. It can function in a stand-alone mode or multiple units can be connected together such that programming and report generations are handled through a PC running an ELID access management software.

Highlights for EL363

Large User & Transaction Database

Up to 2,000 users' IDs can be stored in EL363, and the most recent 1,000 transactions are logged. The information is stored in non-volatile memory, ensuring the database stays intact even when power is removed.

User Friendly Operation

EL363 is equipped with 7-segment display. The display gives clear status indication of controller condition during operation. For example, when a card is denied entry, the display shows the reason for the denial. E-ic means Invalid Card, E-ca means Time Zone violation, E-rd means Wrong Card Format etc.

Programming of the EL363 is intuitive and friendly. All commands are entered by function buttons on the keypad. Data to be keyed in and feedback of value which have been keyed in are clearly shown on the 7-segment display.

Time Zone

EL363 caters for timers and time zones, limiting access of card users according to different time of the day and different day of the week.

Built-in Reader Module

EL363 has a built-in EM Reader module.

High Security

A major user concern for stand alone controller is that once the controller is forcibly opened, the door that the controller is protecting can then be released open. For the EL363, there is option to purchase a remote relay module (EZ6) so that the inputs and outputs are located in a secure zone.

Advanced Design

EL363 uses an 8-bit microcontroller, with firmware stored in Flash Memory. The firmware can be updated in-circuit, through serial download from PC. This makes firmware upgrade hassle-free.

Reliable Operation

EL363 is equipped with a real time clock backed up by a rechargeable battery. Time will continue to run even during power failure. Essential equipment settings, card database and transaction database are stored in non-volatile EEPROM.

Optional Items

- ERM923 Exit Reader
- E.WIN Access Manager
- EZ6 Remote Relay
- EL70Y Communicator
- EsofWIN X3 Access Manager

Technical Specifications

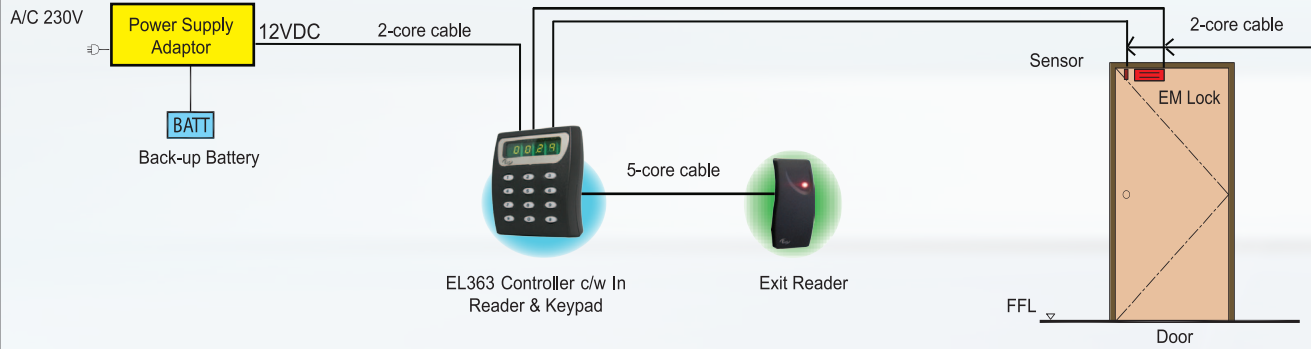
| | |
|----------------------------|--|
| MCU | 8-bit CPU running at 40 MHz |
| Memory | 60KB Flash, 2x32KB EEPROM |
| Clock | Real Time Clock |
| Communication Interface | RS485 |
| Output | 2 (Door Lock, General Purpose Output) |
| Input | 3 (push Button, Door Sensor, Sensor Input) |
| Built-in Reader | Yes |
| Out Reader Support | Yes |
| Power Supply | 12 VDC |
| Current Consumption | 0.5A |
| Operating Temperature (°C) | 0-50 |

Features

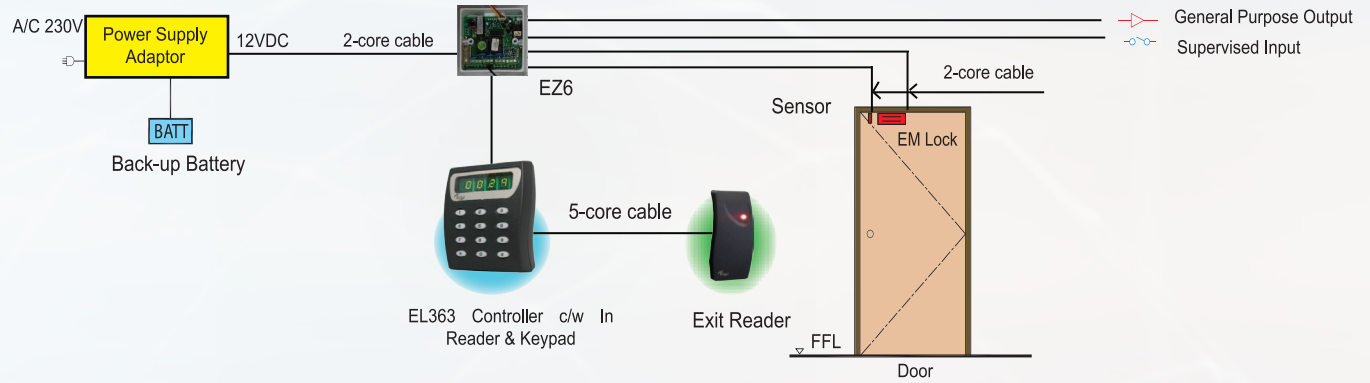
| | |
|----------------------------------|------------------------------|
| Card Database | 2,000 |
| Transaction Database | 1,000 |
| Time Zone | 10 |
| Timer | 24 |
| Holiday | 20 |
| Adjustable Lock Release Time | Yes |
| Permanent Lock Release | Yes |
| Automatic Pin Disable Time Zone | Yes |
| Automatic Lock Release Time Zone | Yes |
| Card Format | Wiegand 26-bit, Free Wiegand |
| Operation Mode | 3 (Card, Card + PIN, PIN) |
| Baud Rate | 2400 to 9600 |
| Options | EZ6 Remote Relay |



EL363 Stand-alone Configuration



EL363 Secure-mode Stand-alone Configuration



EL363 System Configuration



maximum up to 16 units of EL363 per bus (1KM)



For more information: check out the website at: www.elid.com, or contact our dealers. ELID has a policy of continous research and development, and reserves the right to change specifications without notice.

www.elid.com