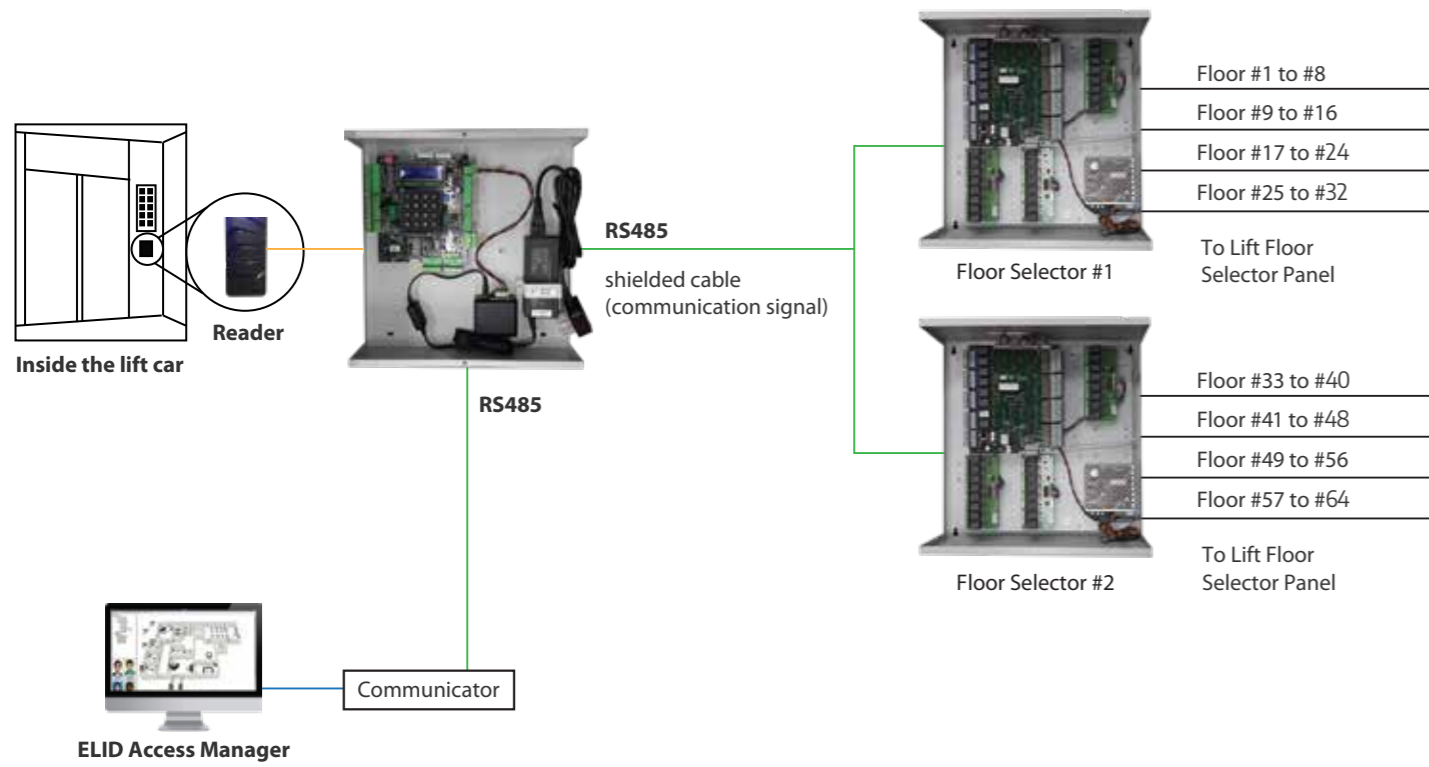


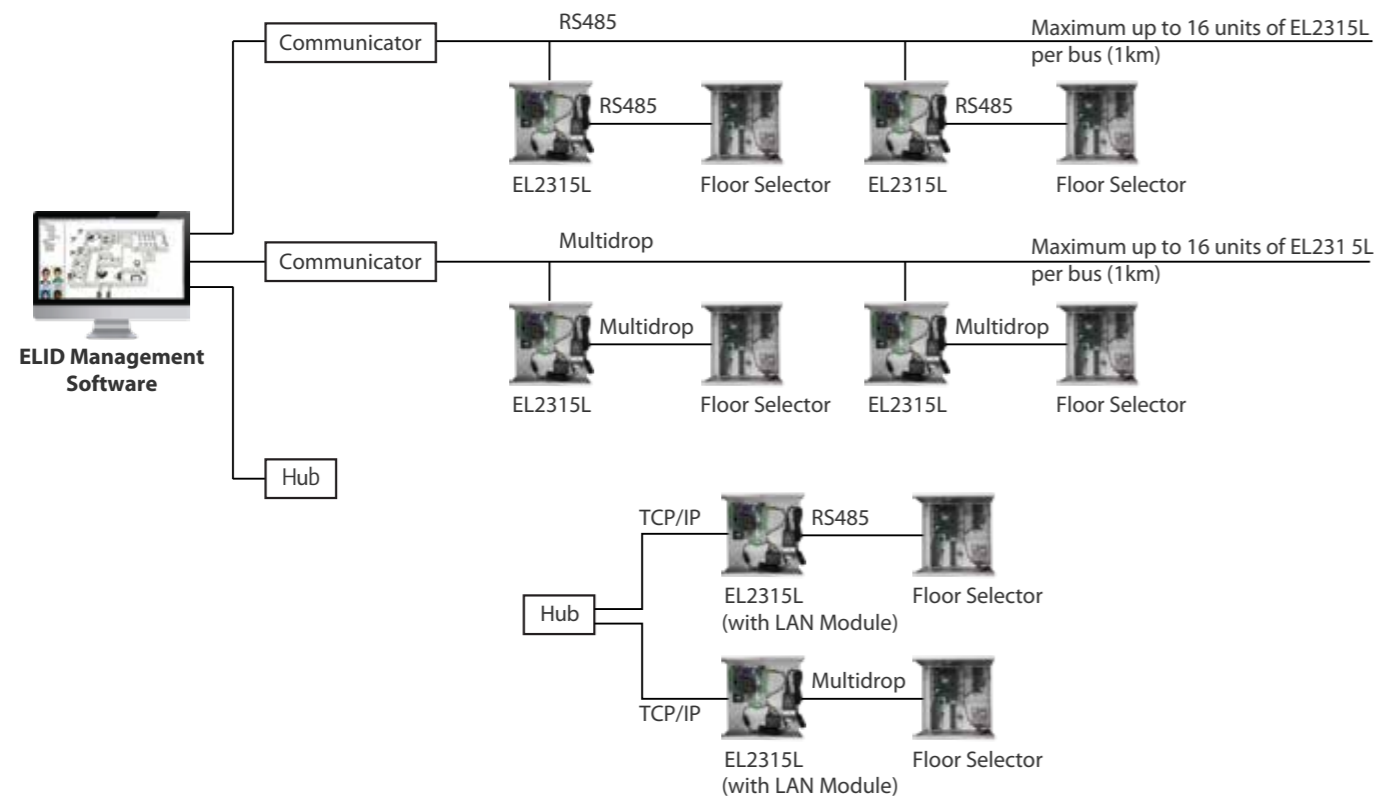


Trusted by Professionals Since 1989

EL2315L LIFT ACCESS SYSTEM (RS485 CONFIGURATION)



EL2315L LIFT ACCESS SYSTEM (SYSTEM CONFIGURATION)



EL2315L LIFT ACCESS SYSTEM



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

www.elid.com

we make your world secure 

EL2315L LIFT ACCESS SYSTEM

EL2315L is a powerful, scalable and flexible lift access system that plays an integral part to enhancing the overall security system of any commercial or residential building.

ELID offers 4 models of lift access system with floor selection function as follows:

- EL-2315-L16 - Designed for lifts serving up to 16 floors
- EL-2315-L32 - Designed for lifts serving up to 32 floors
- EL-2315-L48 - Designed for lifts serving up to 48 floors
- EL-2315-L64 - Designed for lifts serving up to 64 floors

All models comprise two robust steel enclosures that house the main controller and power supply unit, and a floor selection board with associated relays and power supply unit.

The ELID EL2300 series includes door access, car-park access, time attendance and lift access systems. They are compatible at the card level and at the communication bus level. This means that the same card can be used in all equipment and all equipment in the series can be interconnected as a network to a central computer (access management server).

BASIC OPERATION

The basic configuration of EL2315L consists of a Reader Unit, a Controller Unit, and a Floor Selection Unit. The Reader Unit, which is installed in the lift car, reads ID cards presented by the lift users. The Controller Unit houses the CPU and associated electronics. The Floor Selection Unit consists of interface electronics and relays for linking to floor selection buttons of the lift.

A person intending to use the lift must present his card to the Reader Unit, and based on his ID number, the Lift Access System will grant access to the floors he is entitled to go to by activating relays corresponding to those floors. The EL-2315-L16 has 16 relay outputs and can therefore serve up to 16 floors. The EL-2315-L64 is expandable and can be equipped with up to 64 relays to serve up to 64 floors.

FEATURES OF EL2315L



WIDE CHOICE OF READERS

All readers in the EL2300 series can be used by EL2315L. These include Proximity Readers, Smart Card Readers, Magnetic Readers and Bar-code Readers.

MISCELLANEOUS INPUTS AND OUTPUTS

EL2315L includes 2 sensor inputs which may be used for monitoring lift operational status. An additional 6 general purpose outputs are available which may be used for controlling any electrical equipment associated with the lift.

ACCESS FEATURES

There are 10 Access Time Zones, programmable with 2 valid periods per day, for each day of the week, plus an extra day allocated for holidays.

There are 64 Floor Zones, and each zone can be programmed with 4 selections of floors or floor ranges.

For enhanced security, PIN mode can be activated. In this case, the card holder is required to key in a 4-digit number after presenting their card.

There is an 8-day timer that can be set to bypass Card Access Control automatically.

LARGE CARD HOLDER DATABASE

Up to 9,000 card holders can be programmed into the controller. Each card holder is assigned a time zone and a floor zone. The time zone restricts the usage time periods and the floor zone restricts access to selected floors.

TRANSACTION LOGGING

All access activities at the Reader is recorded in the Controller. The Controller can store up to 5,000 transactions. Each transaction includes date, time, card ID number and the transaction code. The transactions can be printed as a report or uploaded to a PC running ELID Access Management Software such as E.WIN, WinPro2 or Sphere.

STAND ALONE OR NETWORKED OPERATION

EL2315L can work in stand-alone mode without the need to be connected to any other terminal or computer. The units are equipped with 16-key programming keypads and 2x20 Character LCD displays. All data can be directly entered through the keypad. Menu-driven commands make programming simple and error-free.

Multiple units of EL2315L can be linked together for centralised supervision and control from a PC. ELID Access Management Software which can perform supervision, control, data-base management and report generation.

FLEXIBLE NETWORKING

EL2315L is equipped with Multi-drop, RS485 and LAN. For Multi-drop and RS485 mode, up to 16 units of EL2315L controller can be connected together to form one bus. Address setting in each controller is then used to distinguish one controller from another. If LAN is used, the controller is distinguished by its IP address plus its unit address.

TECHNICAL SPECIFICATIONS

CONTROLLER	
Microprocessor	16-bit MCU running at 40 MHz
Memory	512KB SRAM with battery back-up
Communication Interface	Multi-drop or RS485 or TCP/IP (requires additional LAN module)
Output	6 general purpose outputs
Input	2 sensor inputs
Display	2x20 Character LCD
Keypad	16-Key keypad
Power Consumption	12V/40 mA excluding readers/keypad
Dimension	302(H) x 334(W) x 86(D) mm
FLOOR SELECTOR UNIT	
CPU	8-bit MPU
Output	16 points (EFD0016 with 1 x ES8A), 32 points (EFD0032 with 3 x ES8A)
Interface Relay	1 SPDT, 3A rating
Dimension	415(H) x 405(W) x 121(D) mm
ORDERING INFORMATION	
PRODUCT CODE	PRODUCT DESCRIPTION
EL2315L16	EL2315L/16 Lift Access System (for 1-16 floors) comprises of EL2315L and relay (16 points) with PSU in metal casing
EL2315L32	EL2315L/32 Lift Access System (for 1-32 floors) comprises of EL2315L and relay (32 points) with PSU in metal casing
EL2315L48	EL2315L/48 Lift Access System (for 1-48 floors) comprises of EL2315L and relay (32+16 points) with PSU in metal casing
EL2315L64	EL2315L/64 Lift Access System (for 1-64 floors) comprises of EL2315L and relay (32+32 points) with PSU in metal casing