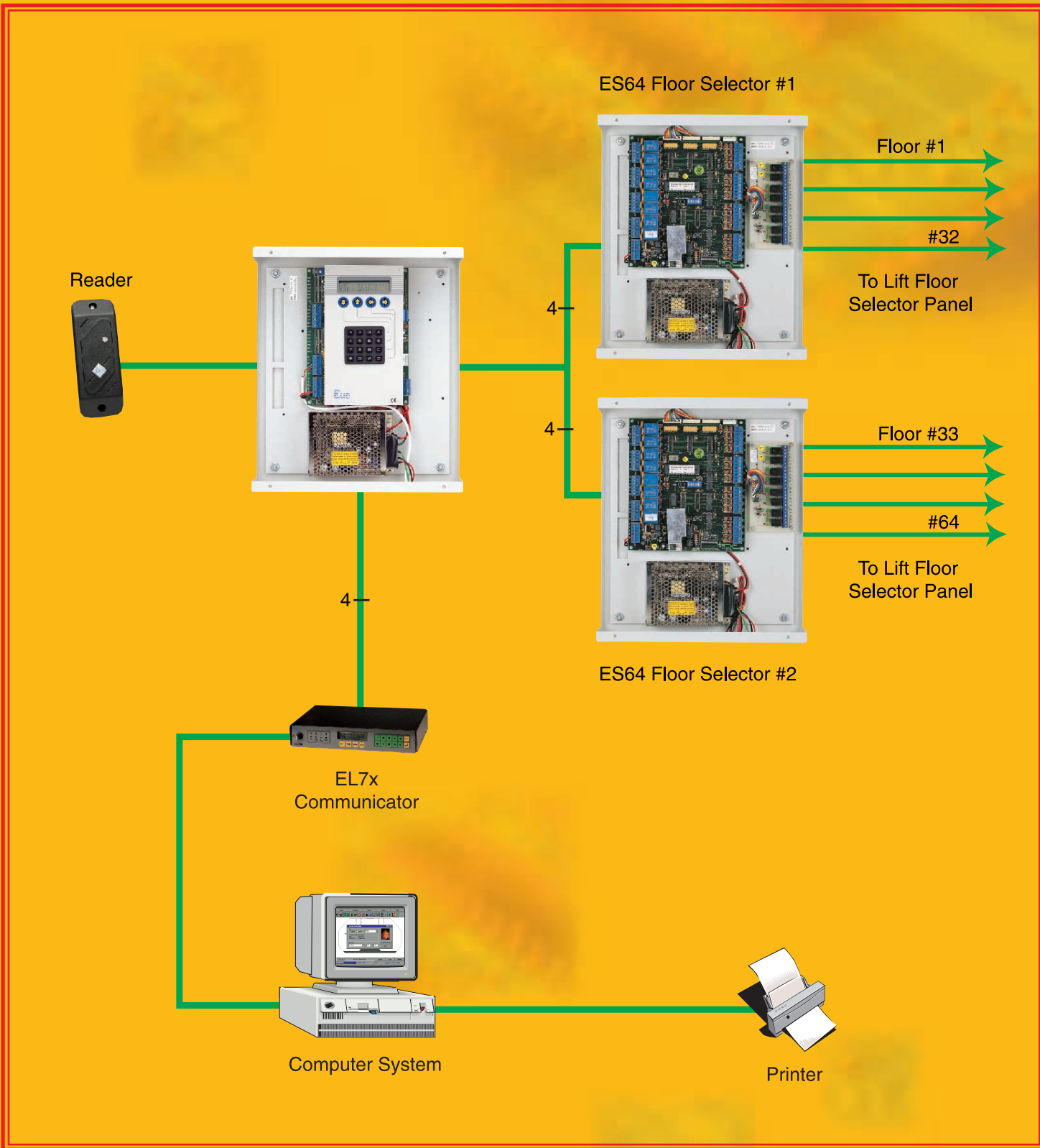


EL2205L LIFT ACCESS SYSTEM



...For Maximum Security and Reliability



# EL2205L LIFT ACCESS SYSTEM



For more information: check out the Website at: <http://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.

ELID offers 4 models of Lift Access Systems fully compatible to its EL2205 series.

**EL-2205-L16 Lift Access Controller - For 1-16 Floors comprising:**

- \* 1 unit of EL2205 Controller
- \* 1 x EFD0016 Floor Selector, Power Supply 1.3A/12V & ES Relay Board (16 points) Mounted in Metal Casing.

**EL-2205-L32 is suitable for lifts serving up to 32 floors**

**EL-2205-L48 is suitable for lifts serving up to 48 floors**

**EL-2205-L64 is suitable for lifts serving up to 64 floors**

The ELID EL2205 series includes door access equipment, car-park equipment, time clocks and lift-access equipment. 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.

**BASIC OPERATION**

The basic configuration of EL2205L consists of a Reader Unit, a Controller Unit, and a Floor Selection Unit. The Reader Unit, which is installed in the lift car, is to read the 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-2205-L16 has 16 relay outputs and can therefore serve up to 16 floors. The EL-2205-L64 is expandable and can be equipped with up to 64 relays to serve up to 64 floors.

**FEATURES OF EL2205L**

**WIDE CHOICE OF READERS**

All readers in the EL2200 series can be used by EL2205L. These include Magnetic Readers, Wiegand Readers, Proximity Readers, Bar-code Readers, Smart Card Readers and Contactless Smart Card Readers.

**MISCELLANEOUS INPUTS AND OUTPUTS**

EL2205L is provided with 2 sensor inputs which may be used for monitoring lift operational status. It is also provided with 6 general purpose outputs that 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 higher security, PIN mode can be chosen. In this case, the card holder is required to key in a 4-digit number after presenting his card.

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

**LARGE CARD HOLDER DATABASE**

Up to 3,200 card holders can be programmed into the controller. Expandable to 12,000 card holders. Each card holder is assigned a time zone and a floor zone. The time zone restricts the time periods he can use the lift and the floor zone restricts the floors he is allowed to access.

**TRANSACTION LOGGING**

Every activity at the Reader is recorded in the Controller. The Controller can store up to 2,000 transactions. Each transaction includes date, time, card ID number and the transaction code. The transactions can be printed as a report or uploaded by a PC running EsofWIN Software.

**STAND ALONE OR NETWORK OPERATION**

EL2205L can work in the 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 EL2205L can be linked together through current loop and connected to a Communicator for centralised supervision and control from a PC. ELID has PC-based EsofWIN Software which can perform supervision, control, data-base management and report generation.

TECHNICAL SPECIFICATIONS	
CONTROLLER	
CPU	8-bit HCMOS running at 4.9 MHz
Memory Expandable Memory	32KB SRAM, 512B EEPROM, 128KB SRAM, 512B EEPROM
Display	2x20 Character LCD
Keypad	16 Keys
Power Consumption	90mA excluding Reader
FLOOR SELECTOR UNIT	
CPU	MC68HC05C8 8-bit MPU
Output	32 channels
Interface Relay	1 SPDT, 3A rating
Dimensions	300mm x 400mm x 135mm



LCD DISPLAY



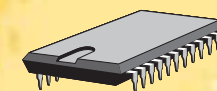
BUILT-IN PROGRAMMING KEYPAD



10 SETS OF 8-DAY TIME ZONES



QUICK DISCONNECT TERMINAL



3,200 USERS, 2,000 TRANSACTIONS



COMPATIBLE WITH ALL ELID ACCESS MANAGEMENT SOFTWARE