

> Access Control System & Accessories



Monitoring and managing premises is as easy as a flick of finger with Elock access control system. Back with high end, up-to-date technology design and years of experiences in this field, Elock offers the most reliable and affordable access control technology in the market.



EL1000

EL1000

Access control system

Description:

The EL1000 AxSys Access Control System serves more than just an access control unit. The flexibility of the device makes it adaptable to any environment and situation. Capable to work as a standalone unit or a PC-monitored device that further enhance the support capability to as many as 128 door access!

Key Features:

- > 10 Digits Card Number Reading instead of 6
- > Global Anti-passback
- > Provide Various Operation Modes for Different Environment
- > Doors Interlocking Capability
- > Full Connection for Proximity Reader
- > Provide Alarm Output
- > Most Readers Supported
- > TCP/IP Connection

Technical Specification:

- > Operating Voltage: 9 VDC to 14 VDC
- > Operating Current: 500 mA
- > Operating Temperature: 0 ~ 66 Degree Celsius
- > Dimensions (PCB only): 15.5cm W x 9.5cm H
- > Weight (with casing): Approximately 2.0kg
- > MCU Speed: 16 bits 24MHz
- > Memory: 128Kbytes Flash Memory, 512Kbytes RAM (Expandable to 1 Mbyte)
- > Supervised Input: 4 TTL Inputs for Door Operation, 2 TTL Inputs for Alarm Operation
- > Output: 3 Relay Outputs, 4 Open Collector Outputs
- > On Board Buzzer: Yes (Addition 2 Open Collector Output for Buzzer)
- > Internal Back Up Battery
- > Surge Protection: Yes (up to 20 kA)
- > Power Protection: Resettable Fuse
- > Built In Calendar
- > Built In Real Time Clock (with battery backup)
- > Built in Power Up Reset
- > Built In Watch Dog Reset
- > Local PIN: 10 Sets
- > Card Users: 5,000
- > Transaction Events: 10,000
- > Operation Mode: Single Door Mode (In & Out Reader), Dual Door Mode (2 In Reader), Car Park Mode (In & Out Barrier), Emergency Door Mode (2 Door Monitoring)
- > Holidays: 60
- > Time Set: 128
- > Time Zone: 128
- > Access Level: 128
- > Facility Codes: 5 Sets
- > Support Keypad
- > Support Card Expiring Setting
- > Support Dual Card Mode by Time Zone
- > Support 10 Digits Card Number Reading
- > Support Multiple Proximity Reading Formation
- > Support 2 Door Interlocking
- > Support Anti-passback Auto Reset
- > Support Max 2 Emergency Door Monitoring
- > Support Pulse Door Open, Security On/Off, Inhibit On/Off Operation
- > Support Duress Alarm Detection
- > Support Alarm & General Purpose Relay Output
- > Support Controller Programming Mode
- > Support AC Power Input Failure Detection
- > Support 2 External Buzzers & LED Connection
- > Auto Lock Release by Time Zone
- > Maximum Door Open/Release Time: 99sec
- > Data Download/Upload via PC
- > Exit Button Control by Time Zone



EL-ST100

EL-ST100**Proximity door access controller****Description:**

The EL-ST100 proximity door access controller is fully capable of all the basic access control functionality, weatherproof with stylish design. Ideal for single door access control system.

Key Features:

- > Standalone device - ideal for single door system, controlling electric lock, security system
- > Verify via password and/or card
- > Four types of verification mode for greater security
- > Weatherproof design
- > Water resistant capability
- > Anti-card collision function
- > Free from double read situation
- > LEDs and electronic buzzer
- > Provides positive audio-visual feedback

Technical Specification:

- | | |
|--------------------------|------------------------------|
| > Input Voltage: | 9 ~ 16VDC, 12VDC recommended |
| > Current Consumption: | 65mA ~ 115mA |
| > Operating Temperature: | 0 ~ +66 Degree Celsius |
| > Carrier Frequency: | 125kHz |
| > Data Format: | Wiegand 26 bits |
| > Reading Range: | 50mm (2") max |
| > Indication: | Buzzer and LEDs |
| > Relays: | 2 x 12Vdc, 2A; N.C. or N.O. |
| > Dimension: | 135 x 72 x 28 mm |
| > Unit Weight: | 0.20 kg |



EL-RD100

EL-RD100**ProAce proximity card reader****Description:**

The EL-RD100 is a Radio Frequency Identification (RFID) card reader device, capable of reading Wiegand 26 bits card format. Work along with EL1000 access control system.

Key Features:

- > Proximity technology - Operational convenience with high level security
- > Weatherproof and slim design
- > Easy installation
- > Wiegand 26 bits format
- > Anti-card collision function
- > Controllable LEDs and electronic buzzer
- > EM proximity card compatible
- > Exceptional level of detection capability, high reliability, consistent read-range and stability

Technical Specification:

- | | |
|----------------------------|------------------------------|
| > Input Voltage: | 9 ~ 16VDC, 12VDC recommended |
| > Current Consumption: | 48mA ~ 50mA |
| > Operating Temperature: | 0 ~ +66 Degree Celsius |
| > Carrier Frequency: | 125kHz |
| > Data Format: | Wiegand 26 bits |
| > Reading Range: | 30mm (1.2") max |
| > Data Transmission Range: | 100 m |
| > Indication: | Buzzer and LED (Bi-color) |
| > Dimension: | 97 x 39 x 13.3mm |
| > Unit Weight: | 0.085kg |



EL-RD200

EL-RD200

ProAce proximity card reader with integrated keypad

Description:

The EL-RD200 is a Radio Frequency Identification (RFID) card reader device with integrated keypad. Suitable to be used along with EL1000 access control system.

Key Features:

- > Built-in transceiver antenna
- > 50mm maximum effective reading distance
- > Less than 100ms decoding time
- > Low power dissipation with single power supply
- > Wiegand 26 bits and Rosslare Keypad format
- > Controllable LEDs and electronic buzzer

Technical Specification:

- > Input Voltage: 9 ~ 16VDC, 12VDC recommended
- > Current Consumption: 110 ± 10mA
- > Operating Temperature: 0 ~ +66 Degree Celsius
- > Carrier Frequency: 125kHz
- > Data Format: Wiegand 26 bits & Rosslare keypad format
- > Reading Range: 50mm (2 ") max
- > Indication: Buzzer and LEDs
- > Dimension: 135 x 72 x 28mm
- > Unit Weight: 0.20kg



EM100

EM100

Proximity clamshell card

Description:

The EM100 is a proximity clamshell card of 125kHz (EM/TK4100).

Technical Specification:

- > Size: 86mm x 54mm x 1.8mm
- > Material: Hard Shell – ABS, Cover Foil – PVC
- > Temperature: -10 °C ~ 50 °C
- > Card Type: Proximity 125 kHz (EM/TK4100)



EM200

EM200

Proximity ISO Card

Description:

The EM200 is a proximity ISO card of 125kHz (EM/TK4100).

Technical Specification:

- > Size: 86mm x 54mm x 0.8mm
- > Material: PVC
- > Temperature: -10 °C ~ 50 °C
- > Card Type: Proximity 125 kHz (EM/TK4100)



EM210

EM202 Proximity Key FOB

Description:

The EM202 is a proximity key fob capable to work in temperature between -10°C ~ 50°C

Technical Specification:

- > Material: ABS
- > Size: 35.3 mm x 28 mm x 6.4 mm
- > Temperature: -10 °C ~ 50 °C

EM210 Proximity Key FOB

Description:

The EM210 is a proximity key fob capable to work in temperature between -10°C ~ 50°C

Technical Specification:

- > Material: ABS
- > Size: 34.8 mm x 23 mm x 6.4 mm
- > Temperature: -10 °C ~ 50 °C



EM205

EM203 Proximity Key FOB

Description:

The EM203 is a proximity key fob capable to work in temperature between -10°C ~ 50°C

Technical Specification:

- > Material: ABS
- > Size: 40.5 mm x 32 mm x 4.2 mm
- > Temperature: -10 °C ~ 50 °C

EM216 Proximity Key FOB

Description:

The EM216 is a proximity key fob capable to work in temperature between -10°C ~ 50°C

Technical Specification:

- > Material: ABS
- > Size: 53.9 mm x 33.8 mm x 5 mm
- > Temperature: -10 °C ~ 50 °C

EM205 Proximity Key FOB

Description:

The EM205 is a proximity key fob capable to work in temperature between -10°C ~ 50°C

Technical Specification:

- > Material: ABS
- > Size: 53 mm x 37.5 mm x 9.8 mm
- > Temperature: -10 °C ~ 50 °C

MF100 Mifare Card

Description:

The MF100 is a Mifare card capable to work in temperature between -10°C ~ 50°C

Technical Specification:

- > Size: 86 mm x 54 mm x 0.8 mm
- > Material: PVC
- > Temperature: -10 °C ~ 50 °C
- > Card Type: Mifare MF1 IC S50 13.56 MHz



MF100

EXIT BUTTON & SWITCHES

Elock provides wide range of exit buttons and switches suitable for wide ranges of applications and purposes.



EL-KS1

EL-KS1

Key Switch

Description:

The EL-KS1 is a 7 pin constructed, zinc alloy die-casted key switch device that is suitable to be used on high security premises.

Key Features:

- > 2 position removable key, single pole
- > Flush stainless steel face plate
- > Lock housing: Zinc alloy die-casted, chrome plated
- > Cylinder: 7 pin constructed, zinc alloy die-casted
- > Tubular key nickel plated
- > N.C., N.O. connection

Technical Specification:

- > Contact Rating: 4A 125V AC, 2A 250V AC
- > Dimension: 86.8 mm x 86.8 mm x 23 mm



EL-KS2

EL-KS2

Key Switch (narrow type)

Description:

The EL-KS2 is a narrow type stainless steel key switch that provides better space for installation.

Key Features:

- > Narrow stainless steel plate
- > Single pole, double throw, double break tubular key for momentary or maintained switches
- > N.C., N.O. connection

Technical Specification:

- > Contact Rating: 4A 125V AC, 2A 250V AC
- > Dimension: 99.9 mm x 35 mm x 30 mm



EL-EB1

EL-EB1

Exit Button

Description:

The EL-EB1 narrow type exit button is designed with flush stainless steel face plate with zinc alloy die-casted, chrome plated button housing.

Key Features:

- > Flush stainless steel face plate
- > Narrow style
- > Zinc alloy die-casted, chrome plated button housing
- > N.O., N.C. contact

Technical Specification:

- > Contact Rating: 4A 125 VAC, 2 A 250V AC
- > Dimension: 99.9 mm x 35 mm x 22 mm



EL-EB2

EL-EB2

Illuminated Indicator Switch

Description:

The EL-EB2 switch is designed with illuminated indication device. Narrow type exterior design.

Key Features:

- > Illuminated switch
- > Narrow style
- > Single pole, double throw, double break switching mechanism

Technical Specification:

- > Contact Rating: 4A 125V AC, 2A 250V AC
- > Illumination Lamp: 60 V/ 1.2 W max.
- > Dimension: 102 mm x 35 mm x 22.2 mm



EL-EB3

EL-EB3

Exit Button

Description:

The EL-EB3 exit button is designed with flush stainless steel face plate with zinc alloy die-casted, chrome plated button housing.

Key Features:

- > Flush stainless steel face plate
- > Zinc alloy die-casted, chrome plated button housing
- > N.O., N.C. contact

Technical Specification:

- > Contact Rating: 4A 125V AC, 2A 250V AC
- > Dimension: 86.8 mm x 86.8 mm x 22 mm



EL-EB4G

EL-EB4G

Emergency Door Release (Green)

Description:

The EL-EB4G emergency door release is designed with replaceable glass for ease of breaking through.

Technical Specification:

- > Dimension: 87 mm x 87 mm x 52 mm

Also available in ■ EL-EB4R ■ EL-EB4B



EL-EB5

EL-EB5 / EL-EB5A

Emergency / Exit Push Button

Description:

The EL-EB5 & EL-EB5A is designed for door release during emergency as well as normal exit button. Ideal for protected premises.

Key Features:

- > N.C., N.O. contact
- > Screw connection terminal
- > Momentary contact

Technical Specification:

- > Contact Rating: 0.5 Amp, 24V DC max
- > Dimension: 76 mm x 23 mm x 15 mm



EM201GD

EM201GD

Resettable Emergency Door Release (Green)

Description:

The EM201GD resettable door release is unlike the break glass unit. It offers the benefits & environmental advantages of a resettable operating element.

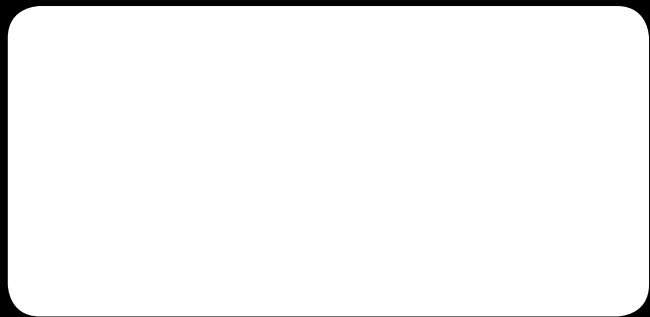
Key Features:

- > Flexible manual call point, Comply with a requirement of EN54-11
- > Fast and easy installation, Special tool operating test facility
- > Unique 'Plug & Play' installation concept
- > Simple maintenance - Only one tool is needed for test and reset
- > Choice of surface or flush mount, Marking options

Technical Specification:

- | | |
|--|--|
| <ul style="list-style-type: none"> > Operating voltage: 30 VDC > Operating current: 2 A > Withstood-voltage: 250 VAC > Temperature range: -30 °C to +70 °C | <ul style="list-style-type: none"> > Ingress protection rating: IP24D > Mounting way: Wall mounting > Dimension: 87 mm x 87 mm x 52 mm |
|--|--|

Also available in ■ EM201RD ■ EM201BD



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