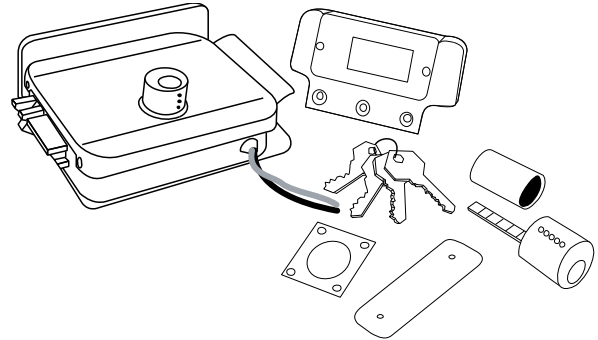


# EL-53x series

## Electric Rim Lock (Fail Secure)

### General description

EL-53x series is an electric operated rim lock. Operation is based on electromagnet. Design is continuously improved, refined and tested until failure to yield product with outstanding performance. Optimized manufacturing flow allow EL-53x to be a very cost competitive solution in the market.



### Application

Wooden door and metal grill door (frame or frameless).  
Suitable for indoor and outdoor premises.

### Feature

Pulse to open lock. Only require 1 sec, 12V pulse to open. During power failure, lock can be open by manual key.

Double lock for more security. This is to prevent door opened by intruder by just simply sliding a card through the door gap.

Elegant finish gives this product a better cosmetic appearance.

Rugged and weatherproof design for rock solid security

**Caution:** Do not supply continuous power to rim lock for more than 3 sec. It will cause the solenoid to overload and smoke. Rim lock only requires a brief pulse to unlock the door.

### Ordering information

Ordering code:

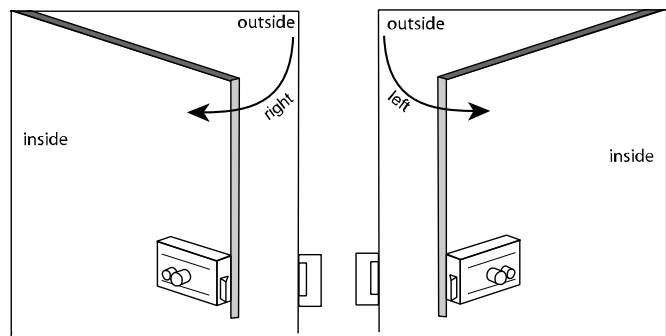
EL532	For door that opens from right side.
EL531	For door that opens from left side.

Each standard package includes the following:

Qty	Parts
1 pcs	Electric rim lock
1 pcs	Anode bracket with metal plate
1 pcs	Copper lock core
1 pcs	Copper tube for lock core
1 pcs	Supporting metal plate for lock core
4 pcs	Keys
1 pcs	Drilling hole reference diagram

### Technical specification

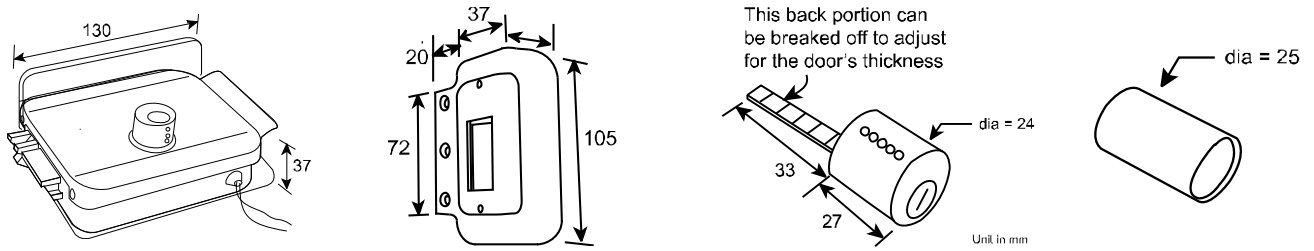
Parameter	Description
Power	DC 12V (pulse)
Operating current	3A
Temperature	15° Celcius
Holding force	1000 kg
Rim lock weight	2.1 kg



EL532 :  
Door open from right side

EL531 :  
Door open from left side

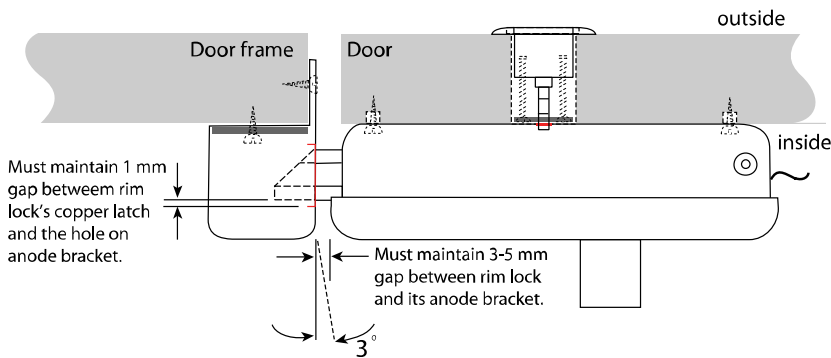
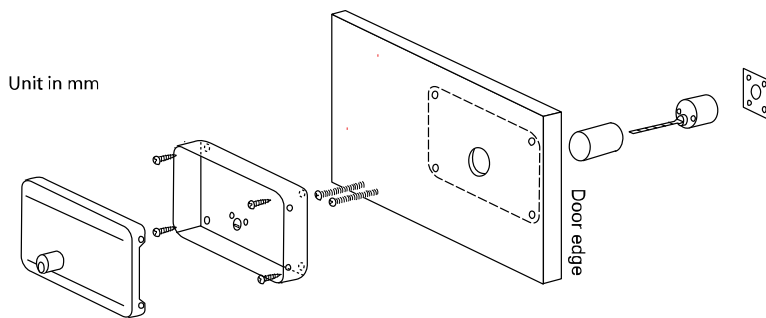
## Dimension specification



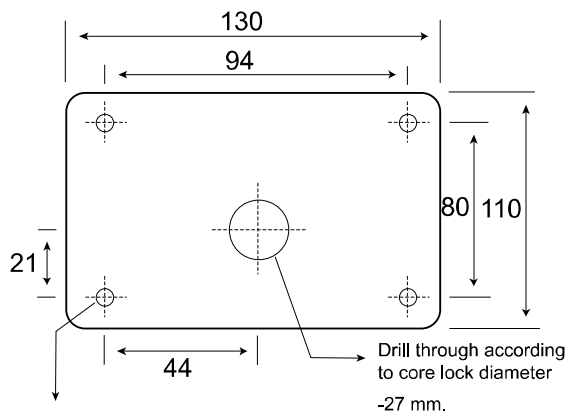
## Installation diagram

Types of mounting screw (not supplied) used depend on the door material. In the following illustration, self tapping screw is used for the wooden door. Diagram simplified to clearly show the more important aspect of the installation.

### Installation of the Rim Lock



### Reference location of hole to be drilled on the door



Do not drill through.  
Diameter depends on the self tapping screw used.

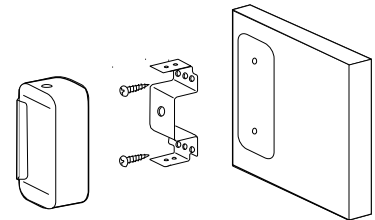
## Packaging information

Each standard package is approximately 2.2 kg. Box dimension is 108 mm x 115 mm x 168 mm. Additional mounting screws according to the door's material is required.

### Installation the anode bracket

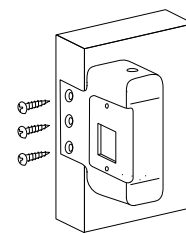
Anode bracket can be installed with either one of these method or both depending on the door's condition

#### Method 1 :



Screws are installed from the front. Internal bracket is first installed. Then the cover is mounted by screw onto the internal bracket

#### Method 2 :



Screws are installed from the side.

Distributor/installer: