

Operation of the apartment house electron lock

One, beginning:

Open the door using machinery key 5 times continuously following a short sound “di” every time. The interval time is not more than 2 seconds. It is success that all opening cards have been deleted following a long sound “di di”.

Two, make up the manager card

Read the first EM card following a short sound “di” and then a long sound “di di”. The first EM card becomes the manager card successfully.

Three, make up the card opening the door

First read the manager card, the electric motor turn upright (open the door), the light begin twinkling, then read the other EM card. The card opening the door has been made up successfully following a short sound “di”. It had been made up following 2 short sounds “di” “di”. It is passable to make up the card opening the door continuously. It will be seceded automatic when the time after reading card is more than 5 seconds or reading the manager card, and the electric motor turn back (close the door). It is passable to make up 15 (or 200) cards opening the door.

Four, delete the card opening the door

Delete all the cards opening the door when we read the manager card 4 times continuously following the light brighting and 3 sounds “di” “di” “di”.

Delete the card opening appointed, we will read the manager card following the electric motor turning upright, then read the manager card 2 times following the light twinkling quickly. It is beginning to delete the next card opening the door using the front card opening the door and to delete the first card (manager card) using the last card opening the door.

Five, open and close the door

Open the door using the manager card without lower power pointed out, then close the door after 5 seconds.

Open the door after reading any card opening the door. It will be following 3 sounds “di” “di” “di” if the power is lower than 4.8 V

Close the door after turning the behind handle. Or close the door automatic when the time is more than 5 seconds.

Six, technology consult

1. card type: EM 4100
2. response distance: 0—3 cm
3. work voltage: 6V, 4 alkali battery
4. efficacy:

Electric current static state $\leq 15 \mu A$

Electric current reading card $\leq 20 mA$

Electric current opening door: 300 mA continue 0.3 second

5. work environment:

Temperature: 0—+70°C

Humidity: $\leq 95\% RH$

6. owe power pointed out

Open the door following 3 sounds and light twinkling when the electric battery voltage is lower than 4.8 V. The door will be opened more than 50 times at this moment.