SXK-AC03E/M

Metal Keypad Access Controller

Standalone access control for electric locks in offices, homes, computer rooms and public facilities. Supports card, PIN, and card plus PIN access, with configuration directly from the keypad.



Technical Specifications

Parameter	Specification
Product series	SXK-AC03E/M
Operating voltage	9–13.8 V DC
Operating current	< 150 mA
Operating temperature	−10 °C to +75 °C
Card reading time	< 0.2 s
User capacity	1,000 users; expandable to 10,000
Access modes	Card only; PIN only; card plus PIN
Card technology	EM ID, encrypted EM, or MF1 Mifare, depending on model
Dimensions	140 × 80 × 21.5 mm
Enclosure	Metal housing
Configuration and enrollment	Keypad and administrator card; no computer required
Offline operation	Supported
Data backup	Supported
Relay contact rating	3 A at 30 V DC for NC / COM / NO
Alarm output load	100 mA

Key Features

- Security: configurable keypad lockout after incorrect entries; tamper alarm with audible indication and alarm output.
- Door monitoring: forced door opening alarm through a connected magnetic door sensor.
- Access management: administrator card management, exit button input and wireless remote controller support.
- Data retention: stored access information is retained during power failure. The feature description states storage of up to 10,000 sets of access data.
- Peripheral support: wired doorbell output and fire alarm signal input.
- Control electronics: built-in microprocessor with self-diagnosis and self-protection functions.

Model Selection

Model	Supported credential	Standard capacity
SXK-AC03EA	EM format ID card	1,000 users
SXK-AC03EB	EM format encrypted card	1,000 users
SXK-AC03M	MF1 format Mifare card	1,000 users

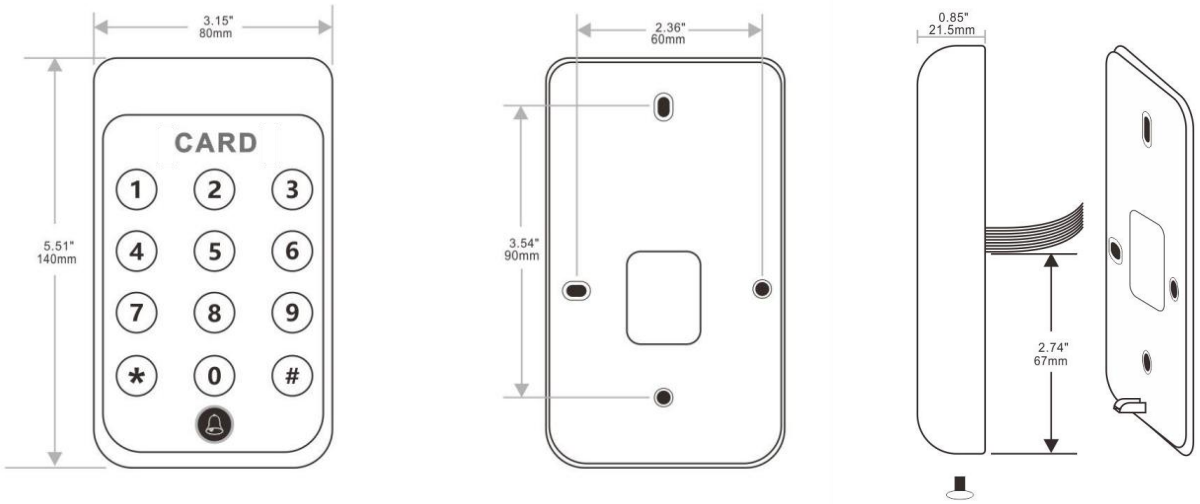
Wiring Terminals

Terminal	Function	Signal or rating
+12V	DC power input positive	9–13.8 V DC
GND	Power negative and signal common	Ground
NC	Relay normally closed contact	3 A at 30 V DC
COM	Relay common contact	3 A at 30 V DC
NO	Relay normally open contact	3 A at 30 V DC
PUSH	Exit button input	Low level triggers unlocking
DOOR	Magnetic door sensor input	Low level indicates door closed
ALM	Alarm output	Active low; 100 mA load
FIRE	Fire alarm signal input	Connect to GND to trigger
BELL	Doorbell connection	Wired doorbell

Status Indicators

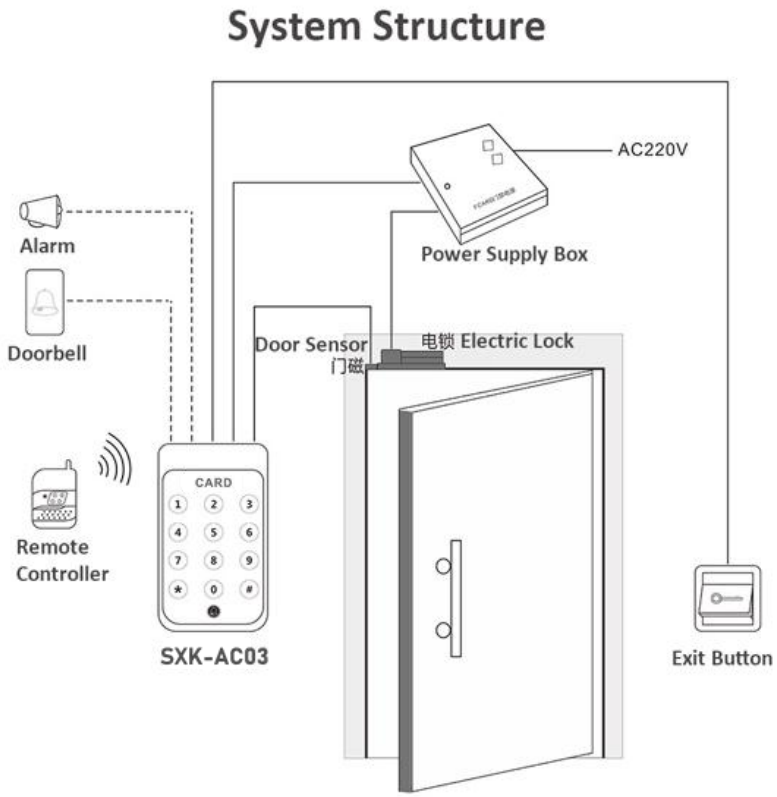
CARD indicator: blue power indication. Doorbell icon indicator: red card-reading and door-opening indication, as described on the product page.

Dimensions and Mounting



Overall size 140 × 80 × 21.5 mm. Rear mounting dimensions shown in the drawing: 60 mm horizontal and 90 mm vertical.

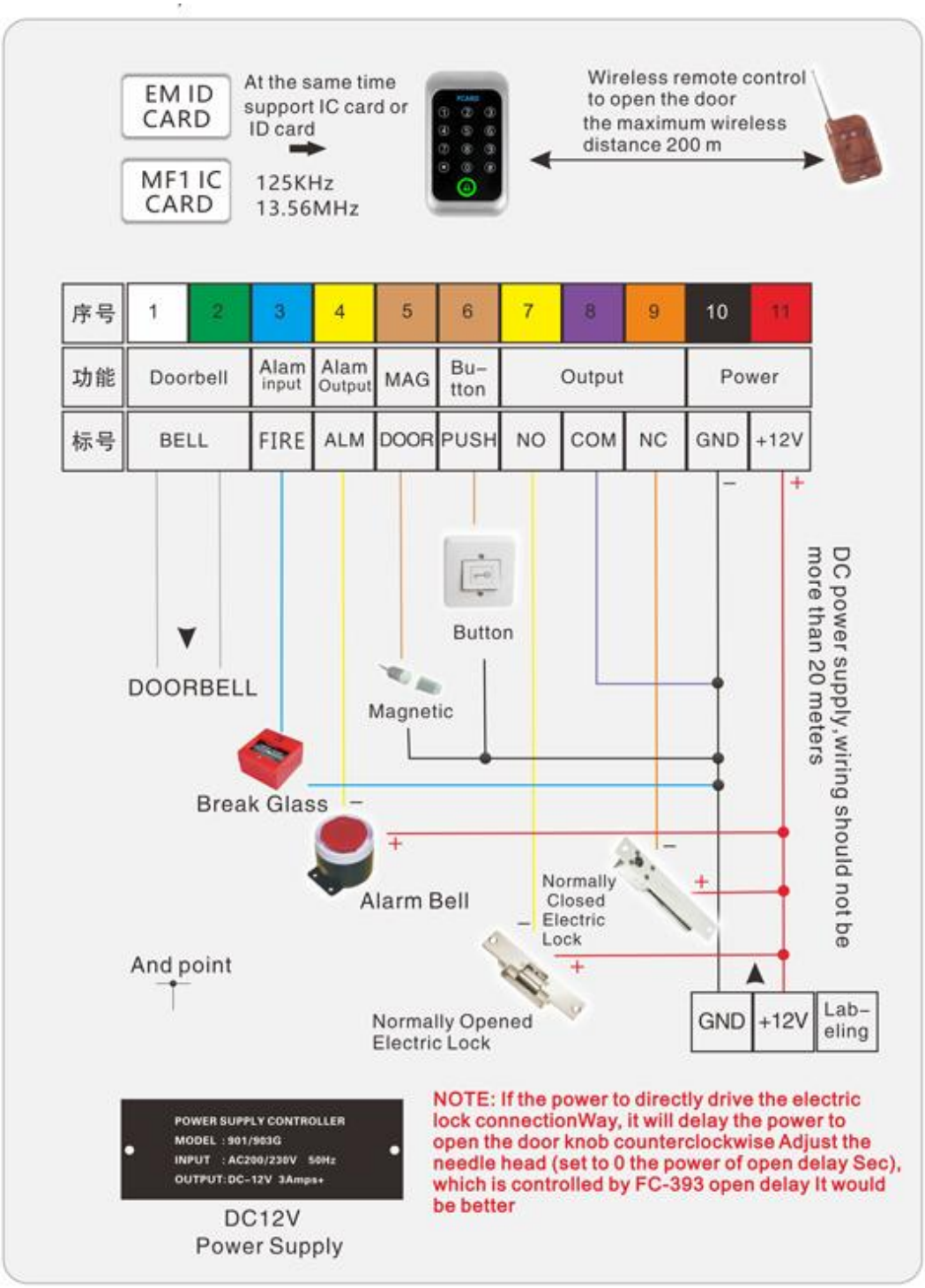
Typical System Structure



Package Contents

Item	Quantity
SXK-AC03 metal keypad access controller	1 pc
Wiring harness	1 set
Hex key	1 pc
Manual	1 pc
Warranty card	1 pc
Certificate	1 pc

Wiring Diagram



Installation note from the diagram: the DC power cable should not exceed 20 m. When a dedicated power controller drives the lock, set its unlock delay to 0 so that the access controller determines the opening delay.