Electric Strike with Faceplate W/Signal
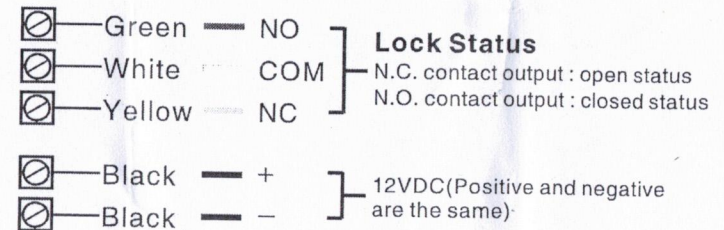
CE [ETS Germany] [EMC tested] [CMA]
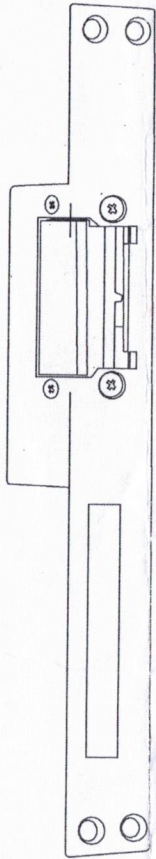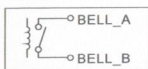
INSTALLATION
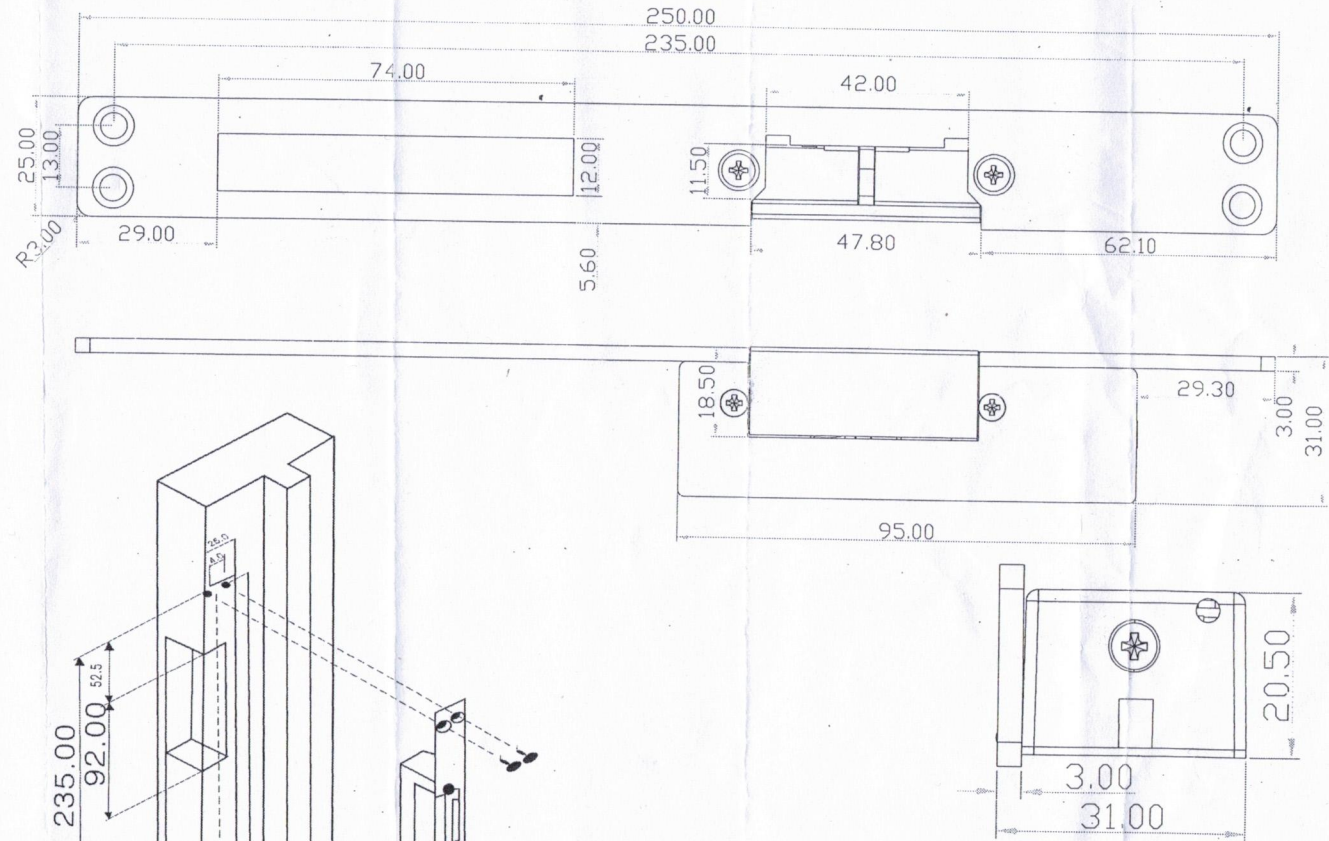
Specification

Size : 250Lx25Wx31H(MM)

Voltage: 12VDC(24V Need order)

Current: 200mA

Signal output: NO/NC/COM

suitable for: wooden door metal door

Feature: Fail Safe(NC)/Fail Secure(NO)

Weight: 0.4kg

Wire	Terminal	
Green	—	NO
White		COM
Yellow		NC

Lock Status

N.C. contact output : open status

N.O. contact output : closed status

Black	—	+
Black	—	−

12VDC(Positive and negative are the same)

S Touch / S Key
Standalone Access Control

User Manual

Wiring Diagram

Standalone Access Control

BELL_A	BELL_B	+12V	GND	D0	D1	D_in(LED)	OPEN(BZ)	NO	COM	NC	ALARM-
Light green	Pink	Red	Black	Green	White	Brown	Yellow	blue	Purple	Orange	Gray

Door Bell

DC 12V Power − +

Reader: Green | White / Red | Black

Door Contact

Exit Button

Lock A

Lock B

Alarm +

sTouch /sKey Single door(DC power supply)

Standalone Access Control

BELL_A	BELL_B	+12V	GND	D0	D1	D_in(LED)	OPEN(BZ)	NO	COM	NC	ALARM-
Light green	Pink	Red	Black	Green	White	Brown	Yellow	blue	Purple	Orange	Gray

Access Control Power Supply

PUSH	+12V	GND	NO	COM	NC

Door Bell

Reader: Green | White / Red | Black

Door Contact

Exit Button

PUSH Factory default 0(50mS)

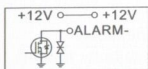Alarm − +

50mS

Lock A

Lock B

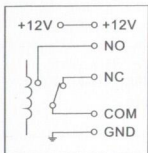sTouch/sKey Single door(Special access control power supply)

Principle of Door Bell Connector
Each press of door bell button, contact of relay in BELL_A and BELL_B will close contact for 200mS then release.

Principle of Alarm Connector
The field-effect tube will be conducted when alarm is activated; It will be not conducted when alarm is removed

Principle of Electronic Lock
The relay will close contact to unlock the lock and will release after unlocking
COM: common, relay contact
NC: normal close, normally keep closed to COM
NO: normal open, normally keep opened to COM

1.1 Introduction

The sTouch W-w/ sTouch W-s/ sKey W-w /sKey W-s Standard alone access control realize the card reading and keypad operation functions, lock, alarm, ring bell, exit button and the magnetic contact switch on the door.

The access host supports 125KHz EM, HID cards , 13.56MHz IC and CPU cards (sTouch W-w/sKey W-w), and only 125KHz EM, HID cards (sTouch W-s, sKey W-s)

It controls 1 door,supports up to 2000 users in total, each user have one card and one PIN.
The access control unit supports 1 master code, one manager add card, one manager delete card, 1 anti-duress card and 1 anti-duress PIN, providing users with easy operation and safe guarantee.

1.2 Features

> Aluminium alloy case, waterproof, fully potted, confirms to lp65
> Metal keypad(sKey W -w /sKey W-s) and touch panel(sTouch W-w/ sTouch W-s) optional.
> Built-in 125KHz (EM, HID card) and 13.56MHz(IC, CPU card, ISO14443A) reader.(sTouch W-w,
   sKey W-w)
> 125KHz (EM, HID card) reader (sTouch W-s ,sKey W-s)
> Digital backlit key(sKey W-w , sKey W-s)and touch panel (sTouch W-w ,sTouch W-s). The back light
   can be set to Normal ON, Normal OFF or Auto.
> With door bell function, build-in or external door bell optional.
> Multi-function, operating as slave reader, single door, anti-pass back function, etc, suitable for
   various occasions.

1.3 Specifications:

Operating voltage range: DC12-24V
Idle input current: ≤35mA
Max proximity card read range: EM&HID card: 3-6cm IC&CPU card: 2-6cm
Excitation Frequency: 125KHz and 13.56MHz(sTouch W-w, sKey W-w), 125KHz (sTouch W-s ,sKey W-s)
Card transmit format: Wiegand 26-37
Keypad transmit format: 4-6 digits key press to output card number format, 4 bits or 8 bits data.
Access control unit dimensions (Height×Width×Depth): 125×83×21.7mm (sTouch W-w / sKey W-w),
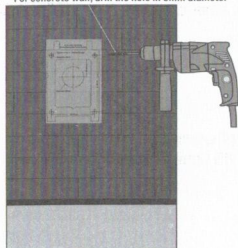   158.6×43×21.7mm(sTouch W-s/ sKey W-s)
Operating temperature range: -40~60° C(EM&HID card), -20~60° C (IC or CPU card)
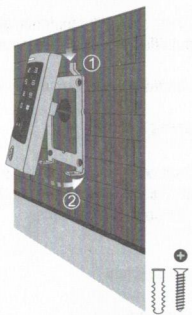Operating humidity: 0-95% （non-condensing）

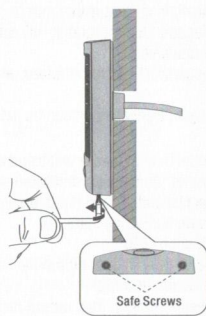| **1** Drill Holes	**2** Fix the Bracket and Install the Access Host	**3** Fix Safe Screws
For concrete wall, drill the hole in 6mm diameter	Pay attention to the sequence during installation	Safe Screws

sTouch /sKey Installation