Package Contents

Kindoo Surface Mounted Strike

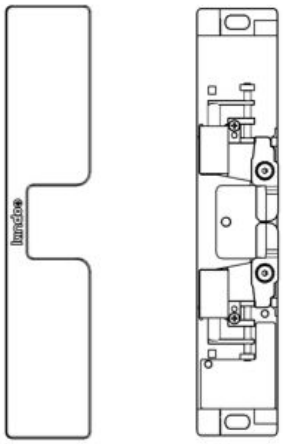
(A) 1 x Strike Body
(B) 1 x Strike Cover
(C) 2 x Mounting Screws
(D) 4 x Cover Screws
(E) 2 x Lockdown Screw
(F) 2 x Solenoid Fixation Screws
(G) 1 x Solenoid

Required Tools

- Drill
- ⅜" Drill Bit
- #7 (0.201") Drill Bit
- #25 (0.150") Drill Bit
- #21 (0.159") Drill Bit
- ¼-20 Tap
- $^{3}/_{16}$" Hex Key
- ⅛" Slotted Screwdriver
- PH1 Screwdriver

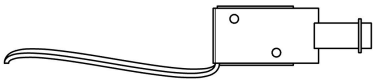
For support, visit:
https://www.kindoo.tech

KIN S - SM - B01



B A

C D E F



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US Patents: US11861960B1, US10325430B2, US12196005

⚠️ Install and wire in accordance with National Electrical Code, ANSI/NFPA70.

Step 1: Frame Preparation

1. Locate and mark the latchbolt centerline on the frame
2. Refer to the Strike Drill Sheet to mark all required holes
3. Punch, drill, and tap the marked locations accordingly

IMPORTANT NOTES

The product is suitable for temperatures between 32℉ and 120℉ (0℃ and 49℃).

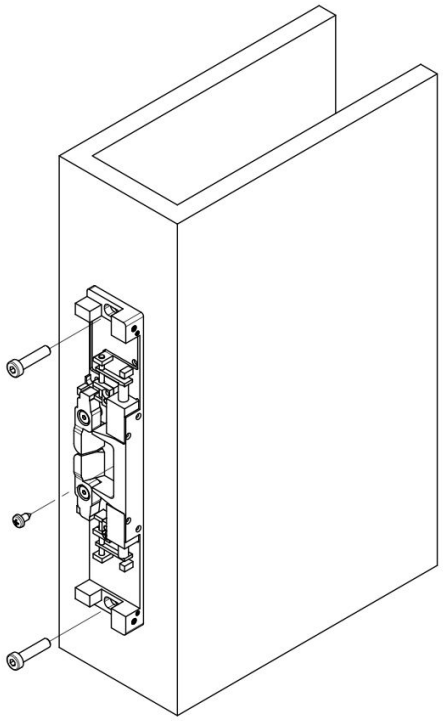
Confirm the product cable length is sufficient before modifying the door frame or mounting area.

Step 2: Wire Preparation

1. Pull out the access control wires through the hole in the door frame at the strike level
2. Connect the access control wires to the two wires coming out of the strike. Strike wires are polarized refer to page 4.
3. Secure and tidy up the wires within the door frame

Step 3: Strike Installation

1. Secure the electric strike to the jamb with the two mounting screws (C) provided
2. Verify latchbolt engagement and clearance with the keepers. If needed, adjust horizontally and secure with set screws
3. Tighten the two mounting screws (C)
4. Install the lockdown screw (E)



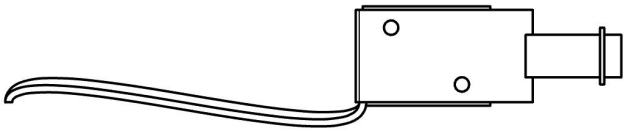
Step 4: Testing and Closing

1. Test the full setup by locking and unlocking the strike using your access control system.
2. Install the strike cover (B) plate and secure it with the four cover screws (D)

IMPORTANT NOTES

- An electric locking mechanism shall not impair the operation of panic hardware mounted on the door nor the intended operation of an emergency exit
- The lead wire shall not be spliced to a conductor larger than 18 AWG

Solenoid Operation



- Only with SM - B01 models
- **Solenoid wires are polarized.**

Command Structure

Locking Command:

Apply 6.5V DC for 100ms with the positive terminal on **red/orange** wire and the negative terminal on **yellow/black** wire.

Unlocking Command:

Apply 6.5V DC for 100ms with the positive terminal on **yellow/black** wire and the negative terminal on **red/orange** wire.

Maintain State:

Both states are maintained indefinitely following the command pulse.

Electrical Characteristics

- Supply Voltage: **6.5VDC**
- Max Pulse Length: **100ms**
- Minimum Rest Period: **2s**
- Current Consumption: **900mA**

The unit shall be powered by a listed UL 294, UL 603 or UL 2610 Class 2 power supply.

Mechanical Characteristics

- Static Strength: **1,500 lbs**
- Dynamic Strength: **70 ft-lbs**
- Endurance: **250,000 cycles**