

HES 7000C-630

HES 7000C-630 Series 7000 Electric Strike Kit Instruction Manual

Model: 7000C-630 | Brand: HES

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your HES 7000C-630 Series 7000 Electric Strike Kit. Please read these instructions thoroughly before proceeding with installation or use to ensure proper function and safety. This kit is designed for secure and reliable access control in various door applications.

2. PRODUCT OVERVIEW

The HES 7000C-630 Electric Strike Kit is engineered to address pre-loaded doors, offering robust security and flexible installation. It features stainless steel construction for durability and tamper resistance. The kit includes the 7000 strike body and two interchangeable faceplates (791 and 792) to accommodate different door configurations.



Figure 1: HES 7000C-630 Electric Strike Kit showing the main strike body and two included faceplates (791 and 792).

2.1 Included Components:

- (1) HES 7000 Strike Body with Latchbolt Monitor
- (1) 791 Faceplate (ANSI 4-7/8" strike plate)
- (1) 792 Faceplate (7-5/16" strike plate)

3. KEY FEATURES

- **Construction:** Stainless steel for enhanced durability and tamper resistance.
- **Strength:** Static strength of 1,500 lbs. and dynamic strength of 70 ft-lbs. (applicable to 791 and 792 faceplate options).
- **Voltage:** Dual voltage compatibility (12 or 24 VDC/VAC).
- **Endurance:** Rated for 500,000 cycles, ensuring long-term reliability.
- **Fail-Safe/Fail-Secure:** Field selectable for either fail-secure or fail-safe operation.
- **Pre-load Accommodation:** Specifically designed to accommodate pre-load conditions (fail-secure only).

- **Handing:** Non-handed design for versatile installation.
- **Solenoid:** Internally mounted solenoid for compact design.
- **Adjustability:** In-frame horizontal adjustability for cylindrical latchbolts up to 5/8" throw and rim exit devices up to 3/4" throw.

4. SETUP AND INSTALLATION

Installation of the HES 7000C-630 Electric Strike Kit requires electrical and mechanical expertise. It is highly recommended that installation be performed by a qualified professional to ensure correct operation, compliance with local building codes, and optimal security performance.

4.1 General Installation Considerations:

- **Door Frame Compatibility:** Suitable for metal and wood door frames.
- **Lock Type Compatibility:** Works with cylindrical latchbolts and rim exit devices.
- **Faceplate Selection:** Choose between the 791 faceplate (ANSI 4-7/8") or the 792 faceplate (7-5/16") based on your door frame and existing lock hardware.
- **Voltage Connection:** Ensure correct wiring for either 12V or 24V AC/DC power supply. Refer to the wiring diagram provided with the physical product for detailed electrical connections.
- **Fail-Safe/Fail-Secure Configuration:** Configure the strike for either fail-safe (unlocks during power failure) or fail-secure (locks during power failure) operation as required by your security protocol. Note that pre-load accommodation is for fail-secure only.
- **Horizontal Adjustability:** Utilize the in-frame horizontal adjustability to ensure proper alignment with the door's latchbolt.

Always disconnect power before performing any installation or maintenance procedures.

5. OPERATING INSTRUCTIONS

The HES 7000C-630 Electric Strike operates in conjunction with your access control system to provide controlled entry and exit. When an authorized signal is received, the strike's keeper mechanism retracts, allowing the door to open. Upon closing, the door's latchbolt engages with the strike, and the keeper mechanism secures it, locking the door.

5.1 Basic Operation:

1. **To Unlock:** Activate the access control system (e.g., card reader, keypad, push button). The electric strike will momentarily release the door's latch.
2. **To Open:** Push or pull the door open once the strike has released.
3. **To Secure:** Close the door. The latchbolt will engage with the strike, and the keeper will automatically return to its locked position, securing the door.

The strike is designed for smooth and reliable operation, ensuring the door closes and locks effectively behind the user.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your HES 7000C-630 Electric Strike Kit. Perform the following checks periodically:

- **Cleaning:** Keep the strike mechanism and faceplates clean from dust and debris. Use a soft, dry cloth. Avoid abrasive cleaners or solvents.

- **Inspection:** Periodically inspect the strike for any signs of wear, damage, or loose screws. Ensure all components are securely fastened.
- **Functionality Check:** Test the strike's operation regularly to confirm it unlocks and locks smoothly and consistently.
- **Wiring:** Check electrical connections for any signs of corrosion or damage. Ensure all wiring is secure.

For any complex repairs or adjustments, contact a qualified technician.

7. TROUBLESHOOTING

If you encounter issues with your HES 7000C-630 Electric Strike, consider the following common troubleshooting steps:

- **Strike Not Unlocking:**
 - Check power supply to the strike.
 - Verify wiring connections are secure and correct voltage is applied.
 - Ensure the access control system is functioning correctly and sending an unlock signal.
 - Inspect for any mechanical obstructions preventing the keeper from retracting.
- **Door Not Locking:**
 - Ensure the door is fully closed and the latchbolt is properly aligned with the strike.
 - Check for debris or damage within the strike mechanism that might prevent the keeper from extending.
 - Verify the strike is receiving the correct signal to remain in a locked state (for fail-secure).
- **Intermittent Operation:**
 - Inspect all wiring for loose connections or damage.
 - Check for fluctuations in power supply.
 - Ensure the strike mechanism is clean and free of obstructions.

If problems persist after attempting these steps, contact a qualified technician or HES customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	7000C-630
Brand	HES
Product Material	Stainless Steel
Product Dimensions	3 x 10 x 2 inches; 1.9 Pounds
Compatible Door Frame Type	Metal, Wood
Compatible Door Lock Type	Cylindrical, Rim Exit
Door Handling	Non Handed
Electric Strike Assembly	Body with Faceplate
Holding Strength	1,500 pounds (Static)

Feature	Detail
Dynamic Strength	70 ft-lbs.
Endurance	500,000 cycles
Faceplate Width	1.25" (31.75 mm)
Keeper Depth	0.13" (3.175 mm)
Strike Body Depth	1-11/16"
Input Voltage	12 V AC, 12 V DC, 24 V AC, 24 V DC
Tamper Resistant	Yes
Manufacturer	HES

9. WARRANTY AND SUPPORT

For detailed warranty information regarding your HES 7000C-630 Electric Strike Kit, please refer to the documentation included with your purchase or contact HES directly. Support resources, including technical assistance and replacement parts, can typically be found on the official HES website or by contacting your authorized dealer.