

## Locknetics CSW-100

# Locknetics CSW-100 Flush Mount Desk Switch Instruction Manual

Model: CSW-100

## 1. INTRODUCTION

---

This manual provides essential instructions for the proper installation, operation, and maintenance of the Locknetics CSW-100 Flush Mount Desk Switch. Please read this manual thoroughly before attempting to install or operate the device to ensure safe and efficient use.

## 2. PRODUCT OVERVIEW

---

The Locknetics CSW-100 is a flush mount concealed desk release switch designed for secure access control applications. It features a Single Pole Double Throw (S.P.D.T.) switch mechanism, providing reliable performance for various electrical control needs.



**Figure 2.1:** Front view of the Locknetics CSW-100 Flush Mount Desk Switch. The switch features a white faceplate with "DOOR" and "EXIT" labels, separated by a key symbol, indicating its function as a key-operated release.

### Key Features:

- **Flush Mount Design:** Allows for discreet and secure installation within a desk or panel.
- **Concealed Release:** Provides a hidden activation point for controlled access.
- **S.P.D.T. Switch:** Single Pole Double Throw configuration for versatile wiring options in control circuits.
- **Key Operated:** Activation requires a key, enhancing security.

## 3. SETUP AND INSTALLATION

---

Installation of the CSW-100 switch requires basic electrical knowledge and tools. If you are unsure about any steps, consult a qualified electrician.

### Safety Precautions:

- Always disconnect power to the circuit before beginning installation.
- Ensure all wiring complies with local electrical codes and regulations.
- Do not exceed the specified electrical ratings of the switch.

## Installation Steps (General):

1. **Prepare Mounting Location:** Select a suitable location on a desk or panel for flush mounting. Ensure there is sufficient space behind the mounting surface for the switch body and wiring.
2. **Cut Opening:** Carefully cut an opening in the mounting surface according to the dimensions required for the flush mount design. Refer to the product's technical drawings for precise measurements (not provided in this manual).
3. **Wire the Switch:** Connect the appropriate control wires to the S.P.D.T. terminals of the switch. The specific wiring configuration will depend on the access control system or circuit it is integrated with.
4. **Mount the Switch:** Insert the switch into the prepared opening and secure it using the provided mounting hardware (if applicable). Ensure it sits flush with the surface.
5. **Test Functionality:** Restore power to the circuit and test the switch's operation with the designated key to confirm correct functionality.

## 4. OPERATION

---

The Locknetics CSW-100 switch is designed for simple, key-operated activation.

1. **Insert Key:** Insert the appropriate key into the keyhole on the switch faceplate.
2. **Turn Key:** Turn the key to activate the switch. The direction and degree of turn will depend on the specific key mechanism and desired action (e.g., momentary or maintained contact).
3. **Remove Key:** Remove the key after activation.

The switch's S.P.D.T. contacts will change state upon key activation, sending a signal to the connected access control system or device to perform its programmed function, such as releasing a door lock.

## 5. MAINTENANCE

---

The Locknetics CSW-100 is designed for minimal maintenance. Regular inspection can help ensure its longevity and reliable operation.

- **Cleaning:** Periodically wipe the faceplate with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the finish.
- **Inspection:** Annually inspect the switch for any signs of physical damage, loose connections, or wear. Ensure the key mechanism operates smoothly.
- **Key Care:** Keep the key clean and free of debris. Do not force the key if it feels stiff; apply a small amount of graphite lubricant if necessary.

## 6. TROUBLESHOOTING

---

If the CSW-100 switch is not functioning as expected, consider the following common issues and solutions:

- **Switch Does Not Activate:**
  - Check if power is supplied to the circuit.
  - Verify all wiring connections are secure and correct according to the system's requirements.
  - Ensure the key is fully inserted and turned correctly.
  - Inspect the switch for any visible damage.
- **Key Is Stiff or Hard to Turn:**

- Ensure the key is the correct one for the switch.
- Check for any debris in the keyhole.
- Apply a small amount of graphite lubricant to the key and insert it several times to distribute.

- **Intermittent Operation:**

- Check for loose wiring connections at the switch terminals or within the control system.
- Inspect the switch contacts for wear or corrosion (if accessible and safe to do so).

If troubleshooting steps do not resolve the issue, contact Locknetics customer support or a qualified technician.

## 7. SPECIFICATIONS

Feature	Detail
Model	CSW-100
Type	Flush Mount Concealed Desk Release Switch
Switch Type	S.P.D.T. (Single Pole Double Throw)
Activation	Key Operated
Manufacturer	Locknetics
Package Dimensions	3.75 x 3.75 x 2 inches
Package Weight	8 ounces
ASIN	B07KZ2JSGF

## 8. WARRANTY AND SUPPORT

Specific warranty information for the Locknetics CSW-100 is not provided within this manual. For details regarding warranty coverage, technical support, or replacement parts, please contact Locknetics directly or refer to their official website.