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## Hubbell CS8364C

# Instruction Manual for Hubbell CS8364C Locking Connector

Model: CS8364C

## INTRODUCTION

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This manual provides essential information for the safe and effective use of your Hubbell CS8364C Locking Connector. This industrial-grade female connector body is designed for twist-lock applications, featuring a 50 amp, 3-phase Delta 250V AC, 3-pole 4-wire grounding configuration with screw terminals. It is a non-NEMA type connector, finished in black and white. Please read all instructions carefully before installation and operation.

## SAFETY INFORMATION

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**WARNING: Risk of electric shock. Installation and servicing should be performed by qualified personnel only. Disconnect power before working with electrical connections.**

- Always ensure the power source is disconnected before attempting any installation, wiring, or maintenance.
- Use appropriate personal protective equipment (PPE), such as insulated gloves and safety glasses.
- Verify that the voltage and amperage ratings of the connector match your application's requirements.
- Ensure all connections are secure and properly insulated to prevent short circuits or electrical hazards.
- Do not use the connector if it appears damaged or has been exposed to moisture.

## WHAT'S IN THE BOX

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- Hubbell CS8364C Locking Connector Unit
- Instruction Guide (this document)

## SETUP AND INSTALLATION

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The Hubbell CS8364C connector is designed for straightforward installation. Follow these steps carefully to ensure a safe and reliable connection.

1. **Prepare the Cable:** Strip the outer jacket of your electrical cable to the appropriate length, exposing the insulated conductors. Strip the insulation from each conductor according to the terminal requirements.

2. **Disassemble the Connector:** Unscrew the cable clamp and body sections of the connector to access the terminal block.
3. **Wire Connections:** Insert each conductor into its corresponding screw terminal. For this 3-pole, 4-wire grounding connector, ensure proper phase, neutral (if applicable), and ground connections. Tighten the screw terminals firmly to secure the wires.
4. **Reassemble the Connector:** Carefully slide the body sections back together, ensuring no wires are pinched. Secure the cable clamp firmly around the cable to provide strain relief and prevent cable pull-out.
5. **Final Check:** Visually inspect all connections for proper seating and tightness. Ensure the connector is fully assembled and secure before applying power.



Image: Hubbell CS8364C Locking Connector. This image displays the complete connector, highlighting its robust black body and the distinctive white locking mechanism, ready for industrial electrical applications.

## OPERATION

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Once properly installed, the Hubbell CS8364C Locking Connector provides a secure and reliable electrical connection. To engage the locking mechanism, align the connector with the corresponding receptacle and push firmly. Twist the connector clockwise until it locks into place. To disengage, twist counter-clockwise and pull to release. Always ensure the connection is fully locked during operation to prevent accidental disconnection and maintain electrical integrity.

## MAINTENANCE

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Regular inspection and minimal maintenance will ensure the longevity and safe operation of your Hubbell CS8364C connector.

- **Periodic Inspection:** Routinely check the connector for any signs of physical damage, such as cracks, discoloration, or loose components.
- **Terminal Tightness:** Periodically verify that the screw terminals remain tight. Loose connections can lead to overheating and potential hazards.
- **Cleaning:** If necessary, clean the exterior of the connector with a dry, lint-free cloth. Do not use abrasive cleaners.

or solvents. Ensure the connector is dry before re-applying power.

- **Environmental Protection:** Ensure the connector is used within its specified environmental conditions to prevent premature wear or failure.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with the Hubbell CS8364C connector.

Problem	Possible Cause	Solution
Connector does not lock securely.	Misalignment with receptacle; damaged locking mechanism.	Ensure proper alignment; inspect for damage. If damaged, replace the connector.
Power not transmitting through connector.	Loose wire connections; damaged internal wiring; incorrect wiring.	Disconnect power and check all screw terminal connections for tightness. Verify wiring diagram. Replace if internal damage is suspected.
Connector feels hot during operation.	Overload; loose connections; damaged connector.	Immediately disconnect power. Check load requirements. Inspect connections for tightness. Replace connector if damage or overheating persists.

## SPECIFICATIONS

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Attribute	Detail
Model Number	CS8364C
Type	Locking Connector, Female Body
Amperage	50 amp
Voltage	250V AC
Phase	3-Phase Delta
Poles/Wires	3-Pole 4-Wire Grounding
Terminal Type	Screw Terminal
Dimensions	6.5 x 2.56 x 2.5 inches
Weight	0.01 ounces
Manufacturer	Hubbell Wiring Device-Kellems
Country of Manufacture	United States

## WARRANTY AND SUPPORT

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Hubbell products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official Hubbell website or contact Hubbell customer service

directly. Keep your purchase receipt as proof of purchase.

For further assistance, visit the [Hubbell Store on Amazon](#) or the official Hubbell website.

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