

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Eaton](#) /

› [Eaton CR20W-SP-L Commercial Grade Duplex Receptacle Instruction Manual](#)

Eaton CR20W-SP-L

Eaton CR20W-SP-L Commercial Grade Duplex Receptacle Instruction Manual

INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of the Eaton CR20W-SP-L Commercial Grade Straight Blade Duplex Receptacle. Please read this manual thoroughly before beginning any installation or use to ensure proper function and safety.

SAFETY INFORMATION

WARNING: Risk of Electric Shock. Improper installation or use of this product can result in serious injury or death. Always adhere to the following safety guidelines:

- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes and regulations.
- Always turn off power at the circuit breaker or fuse box before installing, servicing, or removing the receptacle. Verify power is off using a voltage tester.
- Do not install or use this product if it appears damaged.
- Ensure all wire connections are secure and properly insulated.
- Do not exceed the specified electrical ratings (20 Amp, 125 Volt).

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- One (1) Eaton CR20W-SP-L Commercial Grade Straight Blade Duplex Receptacle (White)

Note: Wallplate and mounting screws for the wallplate are typically sold separately.

SETUP AND INSTALLATION

Follow these steps carefully to install your Eaton CR20W-SP-L duplex receptacle:

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the power to the outlet box where you intend to install the receptacle. Turn off the power completely. Use a voltage tester to confirm that

the power is off at the outlet box.

2. **Remove Old Receptacle (if applicable):** Carefully unscrew and remove the existing receptacle from the wall box. Disconnect the wires from the old receptacle, noting which wire was connected to which terminal (typically black to brass, white to silver, bare/green to green).
3. **Prepare Wires:** If necessary, strip approximately 1/2 inch (12mm) of insulation from the ends of the electrical wires (hot, neutral, ground) in the wall box. Ensure the wire ends are clean and straight.
4. **Connect Wires:** The Eaton CR20W-SP-L utilizes a side-wire method for secure connections. Form a hook at the end of each wire and wrap it clockwise around the appropriate terminal screw. Tighten the screws firmly to ensure good electrical contact.
 - Connect the **hot (black) wire** to the **brass-colored terminal screw**.
 - Connect the **neutral (white) wire** to the **silver-colored terminal screw**.
 - Connect the **ground (bare copper or green) wire** to the **green terminal screw**.

Ensure no bare wire is exposed beyond the terminal screws and that wires are not pinched.

5. **Mount Receptacle:** Carefully fold the connected wires into the electrical box. Insert the new receptacle into the box and secure it using the provided mounting screws. Do not overtighten.
6. **Install Wallplate:** Attach the decorative wallplate (not included) over the receptacle, securing it with its own screws.
7. **Restore Power:** Turn the power back on at the circuit breaker or fuse box. Test the receptacle with a known working device to ensure proper functionality.



This image shows the Eaton CR20W-SP-L duplex receptacle in white, illustrating its robust design and the side-wire terminals for electrical connections. The front face features two standard 5-20R NEMA outlets.

OPERATING INSTRUCTIONS

The Eaton CR20W-SP-L is a standard duplex receptacle designed for general electrical loads up to 20 Amperes and 125 Volts. To operate, simply insert the plug of your appliance or device firmly into one of the two available outlets. Ensure the plug is fully seated for a secure connection.

MAINTENANCE

The Eaton CR20W-SP-L receptacle requires minimal maintenance. Follow these guidelines:

- **Periodic Inspection:** Regularly inspect the receptacle for any signs of physical damage, such as cracks, discoloration, or loose connections.
- **Cleaning:** To clean the surface, wipe with a dry, soft cloth. Do not use liquid cleaners, solvents, or abrasive materials near electrical components. Ensure power is off before cleaning.
- **Loose Connections:** If you notice any looseness in the receptacle or its connections, turn off power at the breaker and re-tighten all terminal screws. If the issue persists, consult a qualified electrician.

TROUBLESHOOTING

If you encounter issues with your Eaton CR20W-SP-L receptacle, consider the following:

No Power to Receptacle

- **Check Circuit Breaker/Fuse:** Verify that the circuit breaker for the circuit is not tripped or that the fuse is not blown. Reset the breaker or replace the fuse if necessary.
- **Verify Connections:** Ensure all wire connections within the receptacle and the electrical box are secure and properly made. Turn off power before checking connections.
- **Test with Another Device:** Plug a different, known working device into the receptacle to confirm if the issue is with the receptacle or the original device.
- **Consult an Electrician:** If the issue persists after performing these checks, there may be a more complex electrical problem. Contact a qualified electrician for further diagnosis and repair.

SPECIFICATIONS

Brand	Eaton
Model Number	CR20W-SP-L
Type	Commercial Grade Straight Blade Duplex Receptacle
Amperage	20 Amp
Voltage	125 Volt
NEMA Rating	5-20R
Wiring Method	Side Wire
Material	Plastic (body), Metal/Steel (internal components)
Color	White
Dimensions (Approx.)	5/6-Inch (L) x 1-1/3-Inch (W) x 4-1/5-Inch (H)
Certifications	UL 498, Federal Specification WC-596, NAFTA Compliant

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or to inquire about replacement parts, please contact Eaton customer service directly. You can find contact information and additional resources on the official Eaton website: www.eaton.com.

