

Hubbell HBL2430

Hubbell HBL2430 Receptacle Instruction Manual

Model: HBL2430

1. INTRODUCTION

This instruction manual provides essential information for the safe and proper installation, operation, and maintenance of the Hubbell HBL2430 Receptacle. Please read this manual thoroughly before proceeding with any installation or use. Retain this manual for future reference.

2. SAFETY INFORMATION

WARNING: RISK OF ELECTRIC SHOCK OR FIRE.

- Always turn off power at the circuit breaker or fuse box before installing, servicing, or removing the receptacle.
- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Do not use this device if it appears damaged.
- Ensure all wire connections are secure and properly insulated.
- This receptacle is designed for specific voltage and amperage ratings. Do not exceed these ratings.
- Keep children away from electrical outlets.

3. PRODUCT OVERVIEW

The Hubbell HBL2430 is a robust electrical receptacle designed for industrial and commercial applications. It features durable construction suitable for demanding environments, ensuring reliable power connections.



Image 1: Front view of the Hubbell HBL2430 Receptacle. This image shows the black body of the receptacle with brass-colored mounting straps and the distinct red ring around the central opening, indicating its specific configuration.

4. SPECIFICATIONS

Feature	Detail
Model Number	HBL2430
Brand	Hubbell
Voltage	480 Volts
Amperage	20 Amps
Material	Polyester
Compatible Devices	All (compatible with NEMA L8-20R configuration)
Item Weight	0.16 ounces
Manufacturer	Hubbell

5. SETUP AND INSTALLATION

Professional installation by a qualified electrician is strongly recommended.

- Turn Off Power:** Locate the circuit breaker or fuse controlling the circuit where the receptacle will be installed. Turn off the power completely. Verify with a voltage tester.
- Prepare Wiring:** Strip approximately 1/2 inch of insulation from the ends of the electrical wires (hot, neutral, ground).
- Connect Wires:**
 - Connect the **hot (live) wire** (typically black or red) to the brass-colored terminal screw.
 - Connect the **neutral wire** (typically white) to the silver-colored terminal screw.
 - Connect the **ground wire** (typically green or bare copper) to the green terminal screw.

Ensure all connections are tight and secure.

- Mount Receptacle:** Carefully fold the wires into the electrical box and secure the receptacle to the box using the provided mounting screws.
- Install Faceplate:** Attach the appropriate faceplate (not included) over the receptacle.
- Restore Power:** Turn the power back on at the circuit breaker or fuse box.
- Test:** Test the receptacle with a suitable electrical device or tester to ensure proper functionality.

6. OPERATING INSTRUCTIONS

The Hubbell HBL2430 Receptacle is designed for straightforward operation. Once properly installed, simply insert a compatible plug into the receptacle. Ensure the plug is fully seated to establish a secure electrical connection.

- Only use plugs that match the NEMA L8-20P configuration for this L8-20R receptacle.
- Do not force plugs into the receptacle.
- Avoid overloading the circuit.
- If the receptacle feels hot to the touch, disconnect devices and consult a qualified electrician.

7. MAINTENANCE

The Hubbell HBL2430 Receptacle requires minimal maintenance. Regular inspection can help ensure continued safe operation.

- **Cleaning:** Periodically wipe the receptacle and faceplate with a dry, soft cloth. Do not use liquid cleaners or abrasive materials. Ensure power is off before cleaning.
- **Inspection:** Annually inspect the receptacle for any signs of damage, such as cracks, discoloration, or loose connections. If any damage is observed, turn off power and have the receptacle inspected and replaced by a qualified electrician.
- **Tightness:** If accessible and safe to do so (with power off), periodically check the tightness of the terminal screws.

8. TROUBLESHOOTING

If you experience issues with your Hubbell HBL2430 Receptacle, consider the following common troubleshooting steps:

- **No Power:**
 - Check the circuit breaker or fuse box. A tripped breaker or blown fuse will cut power to the circuit. Reset the breaker or replace the fuse.
 - Ensure the receptacle is properly wired and all connections are secure. (Consult a qualified electrician).
- **Loose Plug:** If a plug feels loose in the receptacle, it may indicate wear. The receptacle should be replaced by a qualified electrician.
- **Overheating:** If the receptacle feels hot, immediately unplug all devices and turn off power. This could indicate an overload or a faulty connection. Do not use until inspected by a qualified electrician.

For issues not resolved by these steps, contact a qualified electrician or Hubbell customer support.





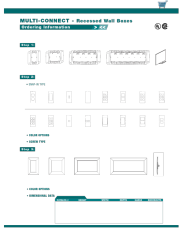

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Hubbell HBL2430 Receptacle, please refer to the documentation provided at the time of purchase or visit the official Hubbell website. Hubbell products are designed for quality and durability.

For technical support, product inquiries, or warranty claims, please contact Hubbell customer service directly. Contact information can typically be found on the manufacturer's website or product packaging.

Hubbell Official Website: www.hubbell.com

Related Documents - HBL2430

 <p>Trinetics® UltraVac® Solid Dielectric Motor Operated Vacuum Switches</p>	<p>Trinetics UltraVac Solid Dielectric Motor Operated Vacuum Switches: Installation and Operation Instructions</p> <p>Comprehensive installation and operation guide for Trinetics UltraVac Solid Dielectric Motor Operated Vacuum Switches by Hubbell. Covers product specifications, dimensions, electrical connections, safety warnings, handling, and maintenance.</p>
 <p>IWS-ZP-3P</p>	<p>IWS-ZP-3P Occupancy Sensor Installation and Adjustment Guide</p> <p>Comprehensive installation and adjustment guide for the Hubbell IWS-ZP-3P occupancy sensor, detailing wiring, timing, sensitivity, and photocell settings for optimal performance.</p>
 <p>TYPE AVR ALUMINUM VERTICAL BREAK SWITCH</p>	<p>Hubbell Type AVR Aluminum Vertical Break Switch Specifications</p> <p>Detailed specifications and configurations for the Hubbell Type AVR Aluminum Vertical Break Switch, including product information, features, accessories, load break devices, and numbering sequence.</p>
 <p>HUBBELL OPERATING AND MAINTENANCE MANUAL OMNI PBX</p>	<p>Hubbell OMNI PBX Heat Pump Water Heater Operating and Maintenance Manual</p> <p>Comprehensive operating and maintenance manual for the Hubbell OMNI PBX heat pump water heater, covering installation, operation, troubleshooting, and warranty information.</p>
 <p>MULTI-CONNECT - Recessed Wall Boxes</p>	<p>Hubbell MULTI-CONNECT Recessed Wall Boxes - Ordering Guide</p> <p>A guide to ordering Hubbell MULTI-CONNECT recessed wall boxes, including selection of wall boxes, modular faceplates (snap-in and screw-type), and wall flanges. Details color options, dimensions, and available gang configurations.</p>
 <p>THE ENGINEERED ENCLOSURE</p>	<p>Hot Box Enclosures: Engineered Solutions for Outdoor Infrastructure</p> <p>Explore the comprehensive range of Hot Box® enclosures, designed for optimal protection and easy maintenance of backflow prevention, pump, and sprinkler assemblies. Discover aluminum, fiberglass, and HDPE options, engineered to meet ASSE 1060 standards and various environmental challenges.</p>