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## Bussmann HLQ-8

# Cooper Bussmann HLQ-8 Buss Fuse Holder Instruction Manual

Model: HLQ-8

## PRODUCT OVERVIEW

The Bussmann by Eaton HLQ-8 is a small dimension fuse holder designed to securely house and protect fuses within electrical circuits. This component is manufactured by Cooper Bussmann and is suitable for various industrial and home improvement electrical applications.



This image displays the Cooper Bussmann HLQ-8 Fuse Holder, a compact electrical component designed to house and protect fuses. It features a metallic body with a red insulated wire extending from one end, indicating its connection point.

## SETUP AND INSTALLATION

The Bussmann HLQ-8 Fuse Holder is designed for secure and reliable fuse integration into electrical circuits. Proper installation is crucial for safety and optimal performance.

### Installation Steps:

- 1. Safety First:** Ensure all power to the circuit is disconnected before beginning installation. Use appropriate personal protective equipment (PPE).
- 2. Mounting:** This fuse holder features a *Through-Hole Mount* design. Identify a suitable mounting location that provides adequate clearance and protection from environmental factors.

3. **Wiring:** Connect the circuit wires to the designated terminals on the fuse holder. Ensure connections are secure and comply with local electrical codes. Refer to circuit diagrams for correct polarity and current path.
4. **Fuse Insertion:** Once the holder is securely mounted and wired, carefully insert the appropriate small dimension fuse (e.g., ABC-1/10-R) into the holder. Ensure the fuse is fully seated.
5. **Verification:** After installation, double-check all connections and ensure the fuse is correctly installed before restoring power to the circuit.

*Note:* Professional installation is recommended for complex electrical systems.

## OPERATING INSTRUCTIONS

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The HLQ-8 Fuse Holder operates by providing a secure housing for a fuse, allowing it to protect an electrical circuit from overcurrent conditions. When the circuit is active, current flows through the fuse within the holder.

### Fuse Replacement:

1. **Disconnect Power:** Always disconnect power to the circuit before attempting to replace a fuse.
2. **Remove Old Fuse:** Carefully remove the blown or faulty fuse from the holder.
3. **Insert New Fuse:** Insert a new fuse of the **correct type and rating** into the holder. Using an incorrect fuse can lead to damage to the circuit or pose a safety hazard.
4. **Restore Power:** Once the new fuse is securely in place, power can be restored to the circuit.

## MAINTENANCE

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The Bussmann HLQ-8 Fuse Holder requires minimal maintenance. Regular inspection can help ensure its continued reliable operation.

- **Visual Inspection:** Periodically inspect the fuse holder for any signs of physical damage, corrosion, or discoloration.
- **Connection Check:** Ensure all wire connections to the fuse holder remain tight and secure. Loose connections can lead to overheating or intermittent operation.
- **Cleaning:** If necessary, gently clean the exterior of the fuse holder with a dry, lint-free cloth. Do not use abrasive cleaners or solvents.

## TROUBLESHOOTING

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If you experience issues with your fuse holder, consider the following common troubleshooting steps:

- **No Power to Circuit:**
  - Check if the fuse is blown. A blown fuse will typically show a broken filament or discoloration. Replace with a new fuse of the correct rating.
  - Verify that power is supplied to the fuse holder's input terminals.
  - Inspect all wiring connections for looseness or damage.
- **Frequent Fuse Blowing:**
  - This indicates an underlying issue in the circuit, such as an overload or a short circuit. Do not install a higher-rated fuse, as this can cause damage or fire.
  - Consult a qualified electrician to diagnose and rectify the circuit problem.
- **Overheating:**
  - Ensure the fuse holder is not exceeding its rated current capacity.
  - Check for loose connections, which can generate heat.

- Verify that the fuse used is the correct type and rating for the application.

If problems persist, contact a qualified electrician or the manufacturer's support.

## SPECIFICATIONS

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Feature	Detail
Brand	Bussmann
Model Number	HLQ-8
Material	SSS
Mounting Type	Through-Hole Mount
Manufacturer	Cooper Bussmann
Package Dimensions	3 x 2 x 2 inches; 1 Pounds
Date First Available	October 16, 2012
ASIN	B009RUA64
UPC	051712740197

## WARRANTY AND SUPPORT

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For product support, technical assistance, or warranty inquiries, please contact Cooper Bussmann directly. Refer to the official Bussmann website for the most current contact information and warranty details.

While specific warranty terms may vary, general return policies for new items purchased on Amazon typically allow returns within 30 days of receipt for a refund or replacement, subject to Amazon's return policy.

**Manufacturer:** Cooper Bussmann

**Brand:** Bussmann

