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Bussmann HKP-HH-R

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Model: HKP-HH-R | Brand: Bussmann

1. PRODUCT OVERVIEW

The Cooper Bussmann HKP-HH-R is a robust fuse holder designed for reliable circuit protection. It is engineered to meet various industrial standards and agency requirements, including BS, IEC, DIN, UL, NEMA, SAE, CSA, CE, and C-UL. This product is manufactured in ISO 9000 certified facilities, ensuring high quality and consistency. It is also RoHS compliant.

1.1 Key Features

- Bussman BUSS FUSEHOLDER ROHS COMPLIANT HKP-HH-R
- Manufactured by Cooper Bussmann
- Made in USA
- Produced in ISO 9000 certified facilities
- Chassis Mount design

1.2 Package Contents

- 1 x HKP-HH-R Fuse Holder



Figure 1: Cooper Bussmann HKP-HH-R Buss Fuse Holder. This image displays a black cylindrical fuse holder with a threaded base for chassis mounting. The top part is ribbed for grip, and the bottom features metal contacts for fuse insertion and electrical connection.

2. SAFETY INFORMATION

Always observe the following safety precautions when working with electrical components:

- **Disconnect Power:** Ensure all power to the circuit is disconnected before installation, maintenance, or troubleshooting.
- **Qualified Personnel:** Installation and servicing should only be performed by qualified and experienced personnel.
- **Proper Fuse Selection:** Use only fuses with the correct voltage and current ratings for the application.
- **Environmental Conditions:** Do not expose the fuse holder to moisture, extreme temperatures, or corrosive environments beyond its specified operating conditions.
- **Inspect for Damage:** Before installation, inspect the fuse holder for any signs of physical damage. Do not install damaged components.

3. SETUP AND INSTALLATION

The HKP-HH-R fuse holder is designed for chassis mounting. Follow these steps for proper installation:

1. **Prepare Mounting Hole:** Drill a circular hole in the chassis panel according to the dimensions required for the threaded body of the fuse holder. Ensure the hole size allows for a snug fit.
2. **Insert Fuse Holder:** Insert the threaded portion of the fuse holder through the prepared hole from the front of the panel.
3. **Secure with Nut:** From the rear of the panel, thread the provided mounting nut onto the fuse holder's threaded body. Tighten the nut securely to hold the fuse holder firmly in place. Do not overtighten.
4. **Wire Connections:** Connect the appropriate circuit wires to the terminals of the fuse holder. Ensure connections are secure and comply with all local electrical codes.
5. **Insert Fuse:** Once the fuse holder is securely mounted and wired, insert the appropriate fuse into the holder. Ensure the fuse is fully seated.

4. OPERATING INSTRUCTIONS

The Cooper Bussmann HKP-HH-R fuse holder is a passive component designed to house and protect a fuse within an electrical circuit. Its operation is straightforward:

- **Fuse Insertion:** To insert a fuse, ensure the circuit is de-energized. Unscrew the cap of the fuse holder. Place the correct type and rating of fuse into the holder. Screw the cap back on firmly to ensure proper contact and environmental sealing.
- **Fuse Removal:** To remove a fuse, ensure the circuit is de-energized. Unscrew the cap of the fuse holder. Carefully remove the fuse.
- **Circuit Protection:** When the circuit is energized, the fuse holder provides a secure connection for the fuse. If an overcurrent condition occurs, the fuse will blow, interrupting the circuit and protecting downstream components.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your fuse holder:

- **Periodic Inspection:** Periodically inspect the fuse holder for any signs of wear, corrosion, or damage, especially around the terminals and mounting area.
- **Cleaning:** If necessary, clean the exterior of the fuse holder with a dry, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure no debris enters the fuse chamber.

- **Contact Integrity:** Ensure the fuse cap is always screwed on tightly to maintain good electrical contact and prevent ingress of dust or moisture.
- **Fuse Replacement:** If a fuse blows, always replace it with a fuse of the exact same type and rating. Never use a fuse with a higher rating or bypass the fuse holder.

6. TROUBLESHOOTING

Most issues related to a fuse holder involve the fuse itself. Here are common troubleshooting steps:

- **No Power to Circuit:**
 - *Symptom:* The circuit connected to the fuse holder is not receiving power.
 - *Action:* Disconnect power to the circuit. Unscrew the fuse holder cap and inspect the fuse. If the fuse element is broken or discolored, the fuse has blown. Replace it with a new fuse of the correct rating.
 - *Note:* A blown fuse indicates an overcurrent condition. Investigate the cause of the overcurrent (e.g., short circuit, overloaded device) before re-energizing the circuit to prevent immediate re-blowing of the new fuse.
- **Loose Connections:**
 - *Symptom:* Intermittent power or flickering.
 - *Action:* Disconnect power. Check all wire connections to the fuse holder and ensure they are tight. Also, ensure the fuse cap is screwed on firmly.

7. SPECIFICATIONS

Attribute	Value
Model Number	HKP-HH-R
Brand	Bussmann
Manufacturer	Cooper Bussmann
Product Dimensions (L x W x H)	4.4 x 3.3 x 2.5 inches
Item Weight	0.35 ounces
Material	Stainless Steel, Plastic, Copper
Specification Met	RoHS
Mounting Type	Chassis Mount
Date First Available	October 16, 2012

8. WARRANTY AND SUPPORT

For specific warranty information and technical support regarding the Cooper Bussmann HKP-HH-R fuse holder, please refer to the official Bussmann website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Note: This manual provides general guidelines. Always adhere to local electrical codes and safety

regulations.