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> Superior Electric BP30-2BR-1 PKG Double Binding Post User Manual

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Model: BP30-2BR-1 PKG

1. INTRODUCTION

This user manual provides essential information for the safe and effective use of the Superior Electric BP30-2BR-1 PKG Double Binding Post. Please read this manual thoroughly before installation and operation to ensure proper functionality and safety.

2. SAFETY INFORMATION

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

- Ensure all power sources are disconnected before installation or maintenance.
- Verify voltage and current ratings of connected equipment do not exceed the binding post's specifications.
- Use appropriate tools and personal protective equipment (PPE).
- Consult a qualified electrician if you are unsure about any aspect of installation or wiring.
- Avoid contact with live circuits.

3. PRODUCT OVERVIEW

The Superior Electric BP30-2BR-1 PKG is a double binding post designed for secure electrical connections. It features gold-plated brass construction for excellent conductivity and corrosion resistance, along with durable nylon plastic insulation.



Image: The Superior Electric BP30-2BR-1 PKG Double Binding Post, showing its black and red insulated terminals, gold-plated brass components, and hex-shaped head.

Key Features:

- **Body Material:** Gold Plated Brass, ensuring high conductivity and durability.
- **Color:** Features both Black and Red terminals for easy polarity identification.
- **Head Shape:** Hex, allowing for secure tightening.
- **Insulation Material:** Nylon Plastic Per MIL-P20693A, Type IV, providing robust electrical insulation.
- **Overall Length:** Approximately 1.919 inches.
- **Post Thread:** #8-32 UNC - 2A Stud for standard connections.
- **Voltage Rating:** Rated for up to 1000 V.
- **Standards:** UL Recognized, ensuring compliance with safety standards.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of the binding post:

1. **Prepare Mounting Surface:** Ensure the mounting surface is clean, dry, and non-conductive if required.
2. **Mounting Hole:** Drill or prepare a suitable hole for the binding post's stud. The post thread is #8-32 UNC - 2A Stud.
3. **Insert Post:** Insert the binding post through the prepared hole.
4. **Secure with Nut:** Use the provided nut to secure the binding post firmly to the mounting surface. Do not overtighten.
5. **Wire Connection:** Loosen the hex head of the binding post. Insert the stripped end of your wire into the opening.
6. **Tighten Connection:** Tighten the hex head to secure the wire firmly. Ensure there are no loose strands that could cause a short circuit.
7. **Verify Polarity:** Connect the red terminal to positive (+) and the black terminal to negative (-) for proper polarity, if applicable to your application.

5. OPERATING INSTRUCTIONS

Once installed, the binding posts provide a secure and convenient connection point for electrical circuits. They are

commonly used for test leads, speaker connections, and power supplies.

- To connect a banana plug, simply insert the plug into the top opening of the binding post.
- For spade lugs or bare wire, loosen the hex nut, place the wire/lug under the nut, and retighten to secure the connection.
- Always ensure connections are tight to prevent arcing or signal loss.

6. MAINTENANCE

The Superior Electric binding post requires minimal maintenance:

- Periodically inspect connections for tightness and signs of corrosion.
- Clean the exterior with a dry, lint-free cloth. Do not use abrasive cleaners or solvents.
- Ensure the insulation remains intact and free from cracks or damage.

7. TROUBLESHOOTING

If you encounter issues, consider the following:

- **Loose Connection:** If there is intermittent signal or power, check all connections to ensure they are securely tightened.
- **No Connection:** Verify that the wire is properly stripped and inserted, and that the binding post is making good contact with the circuit.
- **Overheating:** Ensure the current flowing through the binding post does not exceed its 30 A rating. Overcurrent can cause overheating and damage.
- **Damaged Insulation:** If the nylon insulation is cracked or damaged, replace the binding post immediately to prevent electrical hazards.

8. SPECIFICATIONS

Attribute	Value
Brand	Superior Electric
Model Number	BP30-2BR-1 PKG
Primary Type	Binding Post
Body Material	Gold Plated Brass
Insulation Material	Nylon Plastic Per MIL-P20693A, Type IV
Color	Black, Red
Head Shape	Hex
Overall Length	1.919 in.
Post Thread	#8-32 UNC - 2A Stud
Voltage Rating	1000 V
Current Rating	30 A

Attribute	Value
Standards	UL Recognized
UPC	634746251800

9. WARRANTY INFORMATION

Specific warranty information for the Superior Electric BP30-2BR-1 PKG Double Binding Post is not provided in the product details. Please refer to the manufacturer's official website or contact their customer support for warranty terms and conditions.

10. CUSTOMER SUPPORT

For technical assistance, product inquiries, or support, please contact Superior Electric directly. Contact information may be available on their official website or through your point of purchase.

You can visit the [Superior Electric Store on Amazon](#) for more information.

