

Burndy BIBD2/03

Burndy Insulated Multitap Connector BIBD2/03 Instruction Manual

Model: BIBD2/03 | Brand: Burndy

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective installation, operation, and maintenance of the Burndy Insulated Multitap Connector, Model BIBD2/03. Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure proper usage and prevent potential hazards.

2. IMPORTANT SAFETY INFORMATION

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

- Ensure power is disconnected before installation or maintenance.
- Wear appropriate personal protective equipment (PPE), including insulated gloves and safety glasses.
- Verify that the connector is suitable for the specific application, including voltage and current ratings.
- Do not exceed the maximum conductor size or minimum conductor size specified for this connector.
- Consult local electrical codes and regulations for proper installation practices.
- This connector is **not** direct burial rated.

3. PRODUCT OVERVIEW

The Burndy BIBD2/03 is an insulated multitap connector designed for reliable electrical connections. It features a double-sided entry, T-shaped configuration with 3 ports, accommodating a wide range of conductor sizes. The connector body is made of aluminum with PVC insulation, ensuring durability and safety.



Image 1: Burndy Insulated Multitap Connector BIBD2/03. This image shows the overall design of the insulated multitap connector, highlighting its compact form and insulated body.

4. INSTALLATION INSTRUCTIONS

1. **Prepare Conductors:** Strip the insulation from the conductor ends to the appropriate length, ensuring no bare wire extends beyond the connector body once installed. The connector accepts a maximum conductor size of 2/0 AWG and a minimum of 14 AWG.
2. **Insert Conductors:** Loosen the hex head screws on the connector ports. Insert the prepared conductors into the desired ports. This connector features double-sided entry for flexible wiring configurations.
3. **Secure Connections:** Using a hex wrench of the appropriate size (for a 3/16 inch stud size), tighten the tin-plated steel screws firmly. Ensure that each conductor is securely seated and that there is no movement. Do not overtighten, but ensure a solid electrical connection.
4. **Verify Insulation:** Confirm that the PVC insulation fully covers all live parts and that no bare conductors are exposed.

5. **Test Connection:** After installation, perform continuity and insulation resistance tests as required by local codes to ensure a safe and reliable connection.

5. OPERATION

Once properly installed, the Burndy BIBD2/03 connector provides a secure and insulated junction for multiple electrical conductors. Its design ensures consistent electrical contact and protection against environmental factors within its specified operating conditions. No user interaction is required during normal operation beyond initial installation.

6. MAINTENANCE

The Burndy BIBD2/03 connector is designed for long-term reliability with minimal maintenance. However, periodic inspection is recommended:

- **Visual Inspection:** Periodically check the connector for any signs of physical damage, discoloration, or degradation of the insulation.
- **Connection Integrity:** Ensure that the conductors remain securely fastened within the connector. If any loosening is observed, disconnect power and re-tighten the screws.
- **Environmental Factors:** Protect the connector from harsh chemicals or extreme temperatures outside its operating range, which could compromise its insulation or structural integrity.

7. TROUBLESHOOTING

If issues arise with the electrical connection, consider the following troubleshooting steps:

- **No Continuity:** Check if conductors are fully inserted and screws are tightened to the recommended torque. Ensure the conductor size is within the specified range (14 AWG to 2/0 AWG).
- **Overheating:** This could indicate a loose connection, an undersized conductor for the current, or an overloaded circuit. Disconnect power immediately and inspect all connections and circuit loads.
- **Insulation Damage:** If the PVC insulation is cracked or damaged, the connector must be replaced to prevent electrical hazards.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	BIBD2/03
Connector Type	Insulated Multitap, Double-Sided Entry, T
Number of Ports	3
Max. Conductor Size	2/0 AWG
Min. Conductor Size	14 AWG
Body Material	Aluminum
Insulation Material	PVC
Head Style	Hex
Stud Size	3/16 In.

Feature	Specification
Screw Material	Tin-Plated Steel
Length	2.19 In. (5.56 cm)
Width	1.56 In. (3.96 cm)
Item Weight	0.14 Pounds (0.06 kg)
Direct Burial Rated	No
Standards	UL File E9809, CSA Certified
UPC	781810223949

9. WARRANTY INFORMATION

Specific warranty details for the Burndy Insulated Multitap Connector BIBD2/03 are typically provided at the point of purchase or can be obtained directly from Burndy. Please retain your proof of purchase for any warranty claims. Burndy products are manufactured to high standards, and any warranty covers defects in materials and workmanship under normal use.

10. CUSTOMER SUPPORT

For technical assistance, product inquiries, or support regarding the Burndy Insulated Multitap Connector BIBD2/03, please contact Burndy customer service. Visit the official Burndy website for contact information and additional resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question