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Whirlpool 3397659

Whirlpool 3397659 Dryer Terminal Block

Installation and Maintenance Guide

1. Introduction

This manual provides essential information for the safe and correct installation, operation, and maintenance of the Whirlpool 3397659 Dryer Terminal Block. This component is a genuine Original Equipment Manufacturer (OEM) part designed to ensure proper electrical connection in compatible dryer models.
The terminal block serves as the connection point for the household electrical power supply to the dryer's internal wiring harness. It is a critical safety and functional component.

2. Safety Information

WARNING: Risk of Electric Shock or Injury.

- Always unplug the dryer from its electrical power source before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or death.
- Wear work gloves to protect your hands from sharp edges or other hazards during installation.
- If you are unsure about any step of the installation process, consult a qualified appliance technician.
- Ensure all electrical connections are secure and properly insulated to prevent fire hazards.

3. Compatibility

The Whirlpool 3397659 Terminal Block is compatible with various dryer brands and models, including but not limited to:

- Whirlpool
- Maytag
- Kenmore, Kenmore Elite
- Roper
- Kitchenaid
- Amana
- Crosley
- Estate
- Inglis

- Admiral
- Kirkland
- Sears Canada
- Magic Chef
- Sears

Specific compatible models include: 1CWED5100VQ0, 1CWED5100VQ1, 1CWED5200VQ0, 1CWED5200VQ1, 1CWED5700VW0, 1DNET3205TQ0.



Image: Important reminder to verify part compatibility with your specific dryer model number before installation.

Always verify compatibility with your specific dryer model number before purchasing and installing any replacement part.

4. Installation Instructions

This section outlines the general procedure for replacing a dryer terminal block. Specific steps may vary slightly depending on your dryer model. Refer to your dryer's service manual for detailed instructions.

Required Tools:

- Screwdriver (Phillips head typically)
- Work gloves

Procedure:

1. **Disconnect Power:** Before beginning any work, ensure the dryer is completely unplugged from the electrical outlet. Turn off the circuit breaker supplying power to the dryer for added safety.
2. **Access the Terminal Block:** Locate the access panel on the back of your dryer where the power cord connects. This panel is usually secured by screws. Remove the screws and the panel to expose the terminal block.
3. **Document Wiring:** Before disconnecting any wires, take a clear photograph or make a diagram of how the existing wires are connected to the old terminal block. This will be crucial for correct reassembly.
4. **Disconnect Wires:** Carefully loosen the screws on the old terminal block and disconnect the household electrical power wires (typically three or four wires: two hot, one neutral, and sometimes a ground) and the dryer wiring harness wires.
5. **Remove Old Terminal Block:** Unscrew and remove the old terminal block from its mounting location. There are typically two screws securing the block itself.
6. **Install New Terminal Block:** Position the new Whirlpool 3397659 terminal block in place and secure it with the mounting screws.



Image: Top view of the Whirlpool 3397659 Terminal Block, showing the three main screw terminals for electrical connections.

Image: Angled view of the terminal block, highlighting the mounting holes on the sides and the screw terminals.



Image: Bottom view of the terminal block, showing the part number "3397659" molded into the plastic.

7. **Reconnect Wires:** Using your photograph or diagram, securely connect the household electrical power wires and the dryer wiring harness wires to the new terminal block. Ensure all screws are tightened firmly to prevent loose connections, which can cause overheating.
8. **Replace Access Panel:** Reattach the access panel on the back of the dryer, securing it with its screws.
9. **Restore Power:** Plug the dryer back into the electrical outlet and turn on the circuit breaker.
10. **Test Operation:** Run a short cycle on the dryer to confirm proper operation.

5. Operation

The Whirlpool 3397659 Terminal Block is a passive electrical component. Once correctly installed, it facilitates the safe and continuous flow of electricity from your household power supply to the dryer's internal components. It does not require any user interaction or operational steps after installation. The dryer's normal operation will proceed as designed.

6. Maintenance

The terminal block itself requires minimal maintenance. However, periodic inspection is recommended to ensure continued safe operation:

- **Visual Inspection:** Approximately once a year, or if you notice any unusual odors or performance issues from your dryer, unplug the dryer and remove the access panel. Visually inspect the terminal block and its connections for any signs of discoloration, melting, charring, or loose wires.
- **Tighten Connections:** If any wires appear loose, carefully tighten the terminal screws after ensuring the dryer is unplugged.
- **Replace if Damaged:** If the terminal block shows any signs of damage, such as cracks, melting, or severe

discoloration, it must be replaced immediately to prevent electrical hazards.

7. Troubleshooting

Issues related to the terminal block often manifest as a complete lack of power to the dryer or intermittent power problems. If your dryer is experiencing electrical issues, consider the following:

- **No Power:** If the dryer receives no power, first check the circuit breaker and the wall outlet. If these are functioning, the terminal block or its connections might be faulty.
- **Burning Smell or Discoloration:** A burning smell, visible charring, or melted plastic around the terminal block indicates a severe electrical issue, likely due to loose connections or an overloaded circuit. Immediately unplug the dryer and do not use it until the terminal block is inspected and replaced if necessary.
- **Intermittent Power:** Loose connections at the terminal block can cause the dryer to lose power intermittently.

Important: Electrical troubleshooting can be dangerous. If you are not comfortable performing these checks, contact a certified appliance technician.

8. Specifications

Attribute	Detail
Part Number	3397659
Brand	Whirlpool
Material	Nylon, Plastic
Color	Black
Connector Type	Screw
Number Of Contacts	1
Number Of Poles	1
Mounting Type	DIN Rail Mount
Item Dimensions (LxWxH)	4.1 x 2.2 x 0.9 inches
Item Weight	1.6 ounces
UPC	048172025971

Note: "Number Of Contacts" and "Number Of Poles" might be generic classifications for terminal blocks. For this specific dryer terminal block, it typically handles 3 or 4 wires for the main power connection. The "DIN Rail Mount" specification might be a general classification and not directly applicable to how this specific dryer part mounts. It typically mounts directly to the dryer chassis with screws.

9. Warranty Information

As a genuine Original Equipment Manufacturer (OEM) part, the Whirlpool 3397659 Terminal Block may be covered under a limited warranty by Whirlpool. Specific warranty terms and conditions can vary. Please refer to the warranty documentation provided with your original dryer appliance or contact Whirlpool customer support directly for detailed warranty information regarding replacement parts.

10. Customer Support

For further assistance, technical support, or to inquire about other genuine Whirlpool replacement parts, please visit the official Whirlpool website or contact their customer service department.

Whirlpool Official Website: www.whirlpool.com

When contacting support, please have your dryer's model and serial number, along with the part number (3397659), readily available.

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