

Nordyne 913874

Nordyne 913874 Furnace Door Switch Adapter User Manual

Model: 913874 | Brand: Nordyne

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Nordyne 913874 4-Pole Single Circuit Adapter. This component is specifically designed for use with mobile home and manufactured home electric furnaces, facilitating the conversion of a dual circuit system to a single circuit system.

2. SAFETY INFORMATION

WARNING: Electrical work can be hazardous. Always disconnect power at the main circuit breaker before attempting any installation, maintenance, or repair. Failure to do so may result in serious injury or death. Installation should only be performed by a qualified technician in accordance with all local and national electrical codes.

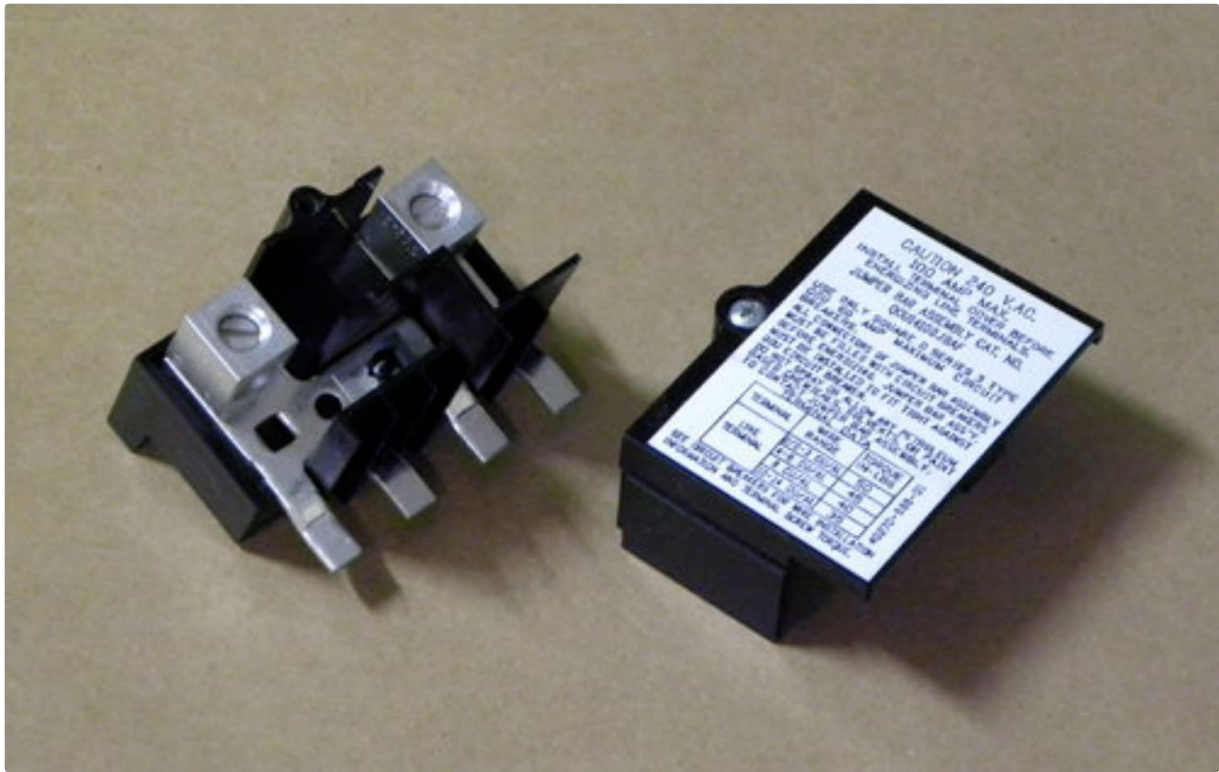


Image: The Nordyne 913874 4-Pole Single Circuit Adapter, showing its main body and the attached warning label with installation instructions.

CAUTION 240 VAC. 100 AMP MAX. INSTALL TERMINAL COVER BEFORE ENERGIZING LINE TERMINALS. JUMPER BAR ASSEMBLY CAT. NO. QKX4200-JBAF. USE ONLY SQUARE D SERIES 3 TYPE. ALL CONNECTORS OF JUMPER BAR ASSEMBLY MUST BE FILLED WITH CIRCUIT BREAKERS BEFORE ENERGIZING. JUMPER BAR ASSY MUST BE INSTALLED TO FIT TIGHT AGAINST CONDUIT BREAKER. DO NOT EXCEED MAXIMUM CIRCUIT. TERMINAL LINE TERMINAL MAX RANGE TORQUE.

Ensure all connections are secure and properly insulated. Verify that the furnace is compatible with a single circuit system after adapter installation.

3. SETUP AND INSTALLATION

The Nordyne 913874 adapter is designed to convert a dual circuit furnace system to a single circuit system. Follow these general steps for installation. Always refer to your furnace's specific wiring diagram and local electrical codes.

1. **Power Disconnection:** Turn off all power to the furnace at the main electrical panel. Confirm power is off using a voltage tester.
2. **Access Furnace Compartment:** Open the furnace access panel to locate the existing wiring and circuit board.
3. **Identify Circuits:** Carefully identify the dual circuit wiring that needs to be converted.
4. **Install Adapter:** Mount the 913874 adapter securely within the furnace compartment. Connect the furnace wiring to the adapter terminals as per the instructions on the adapter's label and your furnace's wiring diagram. Ensure the jumper bar assembly (if applicable, Cat. No. QKX4200-JBAF) is correctly installed and all connectors are filled with circuit breakers before energizing.
5. **Secure Connections:** Ensure all electrical connections are tight and properly torqued according to the specifications provided on the adapter label (if available, e.g., 'MAX RANGE TORQUE').

- 6. **Close Compartment:** Replace the furnace access panel.
- 7. **Restore Power:** Restore power to the furnace at the main electrical panel.
- 8. **Test Operation:** Verify the furnace operates correctly on the single circuit system.

4. OPERATION

The 913874 adapter is a passive electrical component. Once correctly installed, it facilitates the electrical conversion from a dual circuit to a single circuit system for your furnace. Its operation is integrated into the furnace's overall electrical system, requiring no direct user interaction after installation. The furnace will operate as designed on the newly configured single circuit.

5. MAINTENANCE

The Nordyne 913874 adapter is designed for long-term reliability and typically requires no routine maintenance. However, it is recommended to:

- Periodically inspect electrical connections for tightness and signs of corrosion during routine furnace maintenance.
- Ensure the area around the adapter remains free from dust and debris to prevent overheating.
- If any issues arise with the furnace's electrical system, consult a qualified HVAC technician.

6. TROUBLESHOOTING

If the furnace fails to operate correctly after the adapter installation, consider the following:

- **No Power to Furnace:** Check the main circuit breaker for the furnace. Ensure it is in the 'ON' position. Verify all connections to the adapter are secure.
- **Incorrect Wiring:** Double-check all wiring connections against the furnace's wiring diagram and the adapter's instructions. Incorrect wiring is a common cause of malfunction.
- **Loose Connections:** Ensure all terminal screws are tightened to the specified torque. Loose connections can cause intermittent operation or arcing.
- **Component Failure:** While rare, if all other troubleshooting steps fail, the adapter itself may be faulty. In such cases, professional diagnosis is recommended.

For complex issues, always contact a certified HVAC technician.

7. SPECIFICATIONS

Feature	Specification
Model Number	913874
Manufacturer	Nordyne
Item Weight	7 ounces
Product Dimensions	6 x 6 x 6 inches
Item Package Quantity	1

Feature	Specification
Voltage Rating	240 VAC (as per label)
Current Rating	100 AMP MAX (as per label)
First Available Date	October 10, 2013

8. WARRANTY AND SUPPORT

Specific warranty information for the Nordyne 913874 adapter is typically provided by the point of purchase or the original equipment manufacturer (Nordyne). Please retain your proof of purchase for any warranty claims.

For technical support or inquiries regarding this product, please contact your authorized Nordyne dealer or a qualified HVAC professional.