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Kichler 4381

Kichler 4381 Xenon Transformer Instruction Manual

Model: 4381 | Brand: Kichler

1. Product Overview

The Kichler 4381 is a compact xenon transformer designed to power xenon address lights. This unit is intended for indoor use only and provides the necessary voltage conversion for compatible lighting fixtures.

Key Features:

- Designed for Xenon address lights.
- Indoor use only.
- Compact dimensions for versatile installation.



Image 1.1: The Kichler 4381 Xenon Transformer, showing its compact design and wiring terminals.

2. Setup and Installation

Important Safety Information:

- Always disconnect power at the circuit breaker before installation or servicing.
- Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- Ensure the transformer is installed in a dry, indoor location.

Installation Steps:

1. **Prepare Wiring:** Identify the input (line voltage) and output (low voltage) wires from the transformer. The Kichler 4381 is hard-wired.
2. **Mounting:** Securely mount the transformer to a suitable surface. The unit supports ceiling mount applications. Ensure adequate ventilation around the transformer.
3. **Connect Input Power:** Connect the input wires of the transformer to the appropriate line voltage supply wires

(typically 120V AC) according to local electrical codes. Use appropriate wire connectors.

4. **Connect Output to Fixture:** Connect the low voltage output wires from the transformer to your xenon address light fixture. Ensure polarity is correct if specified by the fixture manufacturer.
5. **Verify Connections:** Double-check all electrical connections for tightness and proper insulation.
6. **Restore Power:** Once all connections are secure and verified, restore power at the circuit breaker.

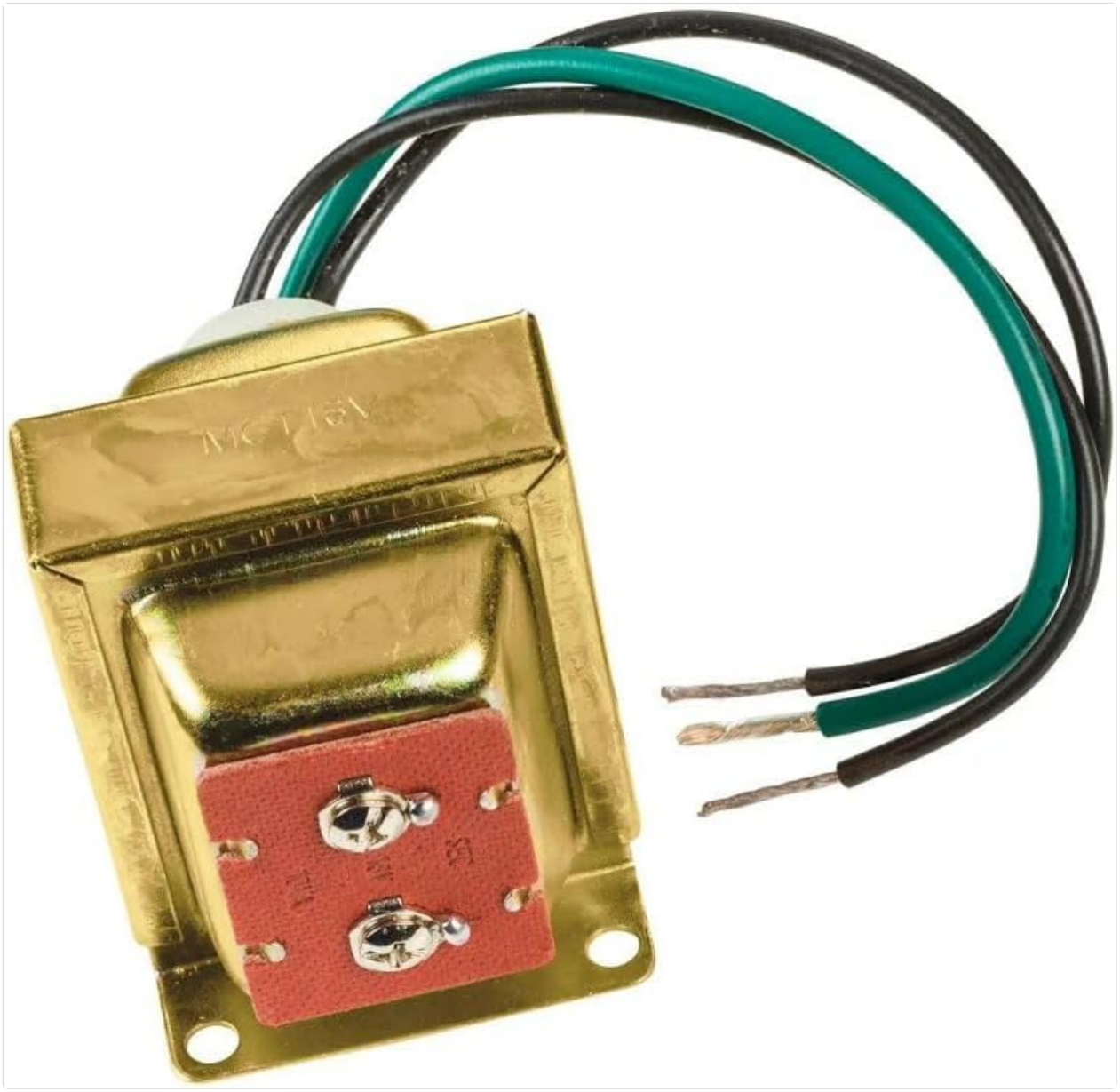


Image 2.1: Close-up view of the Kichler 4381 Transformer's wiring terminals, showing the connection points for electrical wiring.

3. Operating Instructions

The Kichler 4381 Xenon Transformer operates automatically once correctly installed and powered. It converts standard household voltage to the lower voltage required by your xenon address light. There are no user-adjustable settings on the transformer itself.

- Ensure the connected xenon address light is compatible with the transformer's output specifications.
- The transformer will supply power to the connected fixture when the circuit it is wired to is energized.

4. Maintenance

The Kichler 4381 Xenon Transformer requires minimal maintenance. Regular inspections can help ensure continued safe and efficient operation.

- **Periodic Inspection:** Annually, or as needed, visually inspect the transformer and its wiring for any signs of damage, wear, or loose connections.
- **Cleaning:** If necessary, gently wipe the exterior of the transformer with a dry, soft cloth.**Always disconnect power before cleaning.** Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure that the area around the transformer remains clear of obstructions to allow for proper airflow and heat dissipation.

5. Troubleshooting

If your xenon address light is not functioning correctly, consider the following troubleshooting steps:

- **No Light:**
  - Check the circuit breaker to ensure power is supplied to the transformer.
  - Verify all wiring connections are secure and correctly made.
  - Ensure the xenon bulb in the address light is not burnt out and is correctly seated.
  - Confirm the address light fixture itself is operational.
- **Flickering Light:**
  - Check for loose wiring connections at both the transformer and the light fixture.
  - Ensure the transformer is not overloaded (i.e., the total wattage of connected lights does not exceed the transformer's capacity).
  - Inspect the xenon bulb for signs of damage or nearing end-of-life.
- **Overheating:**
  - Ensure the transformer has adequate ventilation and is not covered.
  - Verify the load on the transformer is within its specified limits.

If issues persist after performing these checks, consult a qualified electrician or contact Kichler customer support.

6. Specifications

Feature	Detail
Brand	Kichler
Model	4381
Power Source	Hard Wired
Product Dimensions (D x W x H)	2.75"D x 2"W x 2.5"H
Mounting Type	Ceiling Mount
Item Weight	12 ounces
UPC	783927452809
Manufacturer	Kichler Lighting

Included Components	Transformer
Usage Environment	Indoor use only

7. Warranty Information

The Kichler 4381 Xenon Transformer comes with a**1-year limited warranty** from the manufacturer. Please retain your proof of purchase for warranty claims. For specific details regarding warranty coverage and procedures, refer to the documentation provided with your product or contact Kichler customer support.

8. Support and Resources

For additional support, product information, or to explore other Kichler lighting solutions, please visit the official Kichler website or their brand store.

Visit the Kichler Store on Amazon

About Kichler Lighting

Your browser does not support the video tag.

Video 8.1: Kichler Brand Story. This video provides an overview of the Kichler brand and its commitment to lighting solutions.

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