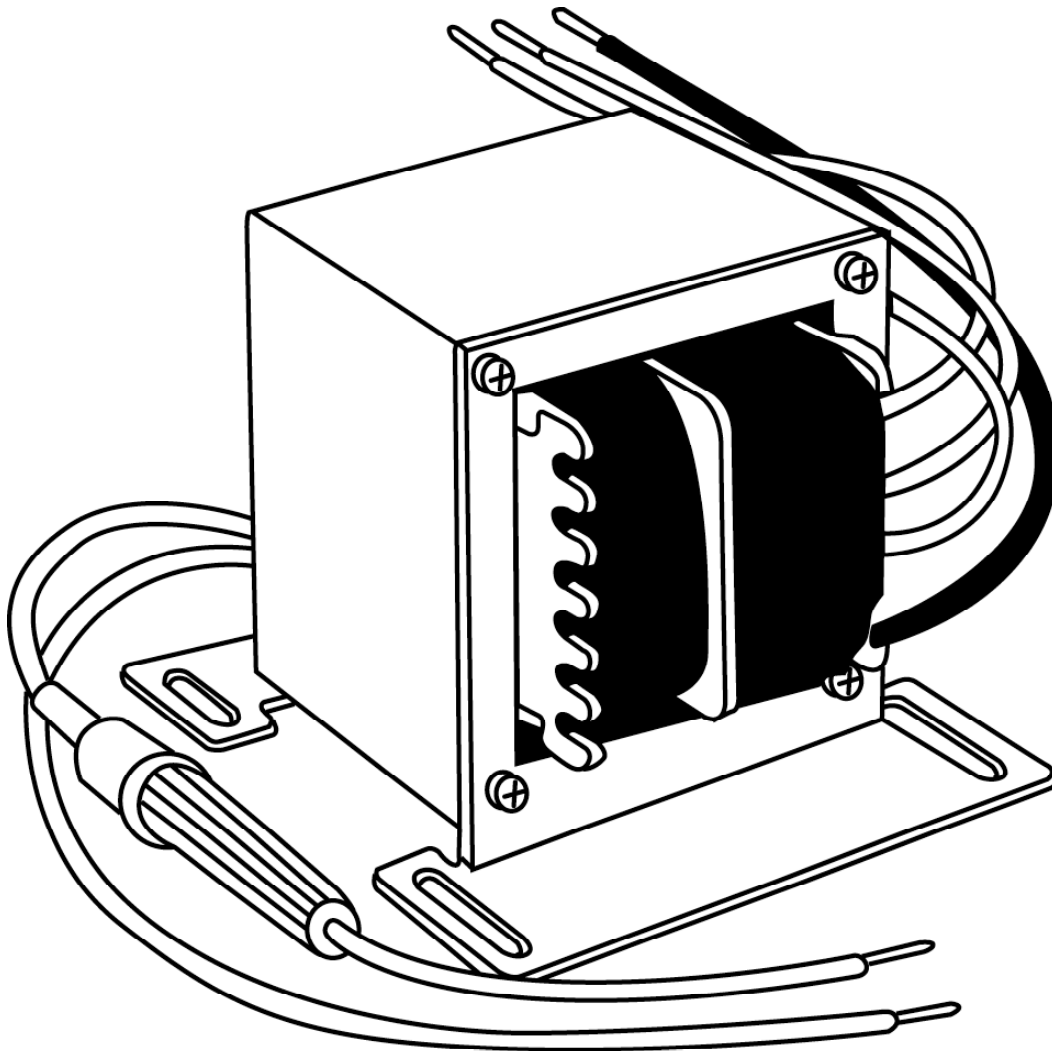




INSTRUCTION MANUAL

UET175



Foot Mount Multi-Tap Transformer

1-800-547-5740 • Fax: (503) 643-6322
www.ueitest.com • email: info@ueitest.com

Introduction

The UET 175 is used for 24V control circuits to protect equipment or minimize shock hazard. Rating not to exceed 75VA.

Features include

- Primary and secondary wires are color coded for easy hookup
- Includes: Fuse, 6 wire nuts, and 4 mounting screws

Safety Notes



CAUTION!

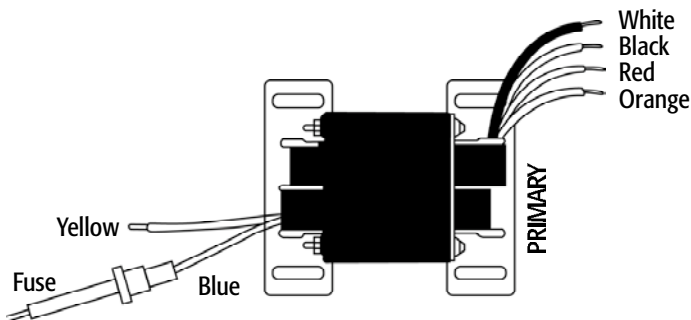
1. Transformer should be installed by a trained, experienced serviceman.
2. Power should be disconnected before beginning installation to prevent electrical shock or equipment damage.
3. Wiring must comply with local codes and ordinances.
4. All unused exposed leadwires should be taped or insulated.
5. Check thoroughly after installing.

Operating Instructions

Application

Wire color codes - The UET175 has color coded wires to make hook-up as simple as possible (Fig 1).

Primary (Input)	
AC Voltage	Use Lead Color
120 volts	White and Black
208 volts	White and Red
240 volts	White and Orange
Secondary (Input)	
AC Voltage	Use Lead Color
24 volts	Yellow and Blue



(Fig 1)

Checking Transformer

1. Turn off power.
2. Locate the leads to be tested.
3. Separate the remaining leads in the primary so they do not short out.
4. Obtain an AC volt meter or multi-tester than can measure at least 30 volts.
5. Apply the correct voltage to the primary side of the transformer.
6. With the AC volt meter, measure the voltage across the secondary leads using the following table.

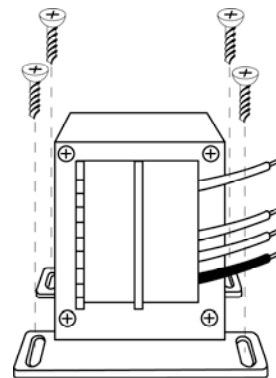
Secondary Voltage	
Use leads	Voltage
Yellow and Blue	24 Volts

NOTE: No-load voltage reading may be slightly higher than the above stated voltages.

7. If incorrect readings are measured, immediately disconnect the voltage to the primary and recheck all connections.
8. Check the fuse in line with the blue lead in the secondary making sure it is good. If not, replace only with a 3.15 Amp/250 Volt slow blow fuse.
9. Reapply the voltage to the primary. If incorrect readings continue to be measured, obtain a new transformer.
10. If correct readings are measured, disconnect power to the primary and proceed to install the transformer.

Mounting

The UET175 is designed for foot mounting. Four mounting screws are provided (Fig 2).



(Fig 2)

Installation

1. Power must be disconnected before installing the transformer. It is imperative that wiring conform to local codes and ordinances.

2. Follow hook-up procedure.

24V Secondary (yellow and blue leads)

a. Make sure power is OFF

b. Determine primary voltage (120, 208, 240) and locate correct leads

c. Tape the ends of the remaining leads in the primary to prevent them from shorting out

d. Install transformer observing correct primary and secondary connections

e. Apply power and check correct operation

Standard & Optional Accessories

Standard

Fuse, pkg. of 3 (3. 15A, 250V slow blow)AF90



UET175

Foot Mount Multi-Tap Transformer

Limited Warranty

The UET175 is warranted to be free from defects in materials and workmanship for a period of one year from the date of purchase. If within the warranty period your instrument should become inoperative from such defects, the unit will be repaired or replaced at UEi's option. This warranty covers normal use and does not cover damage which occurs in shipment or failure which results from alteration, tampering, accident, misuse, abuse, neglect or improper maintenance. Batteries and consequential damage resulting from failed batteries are not covered by warranty.

Any implied warranties, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the express warranty. UEi shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim or claims for such damage, expenses or economic loss. A purchase receipt or other proof of original purchase date will be required before warranty repairs will be rendered. Instruments out of warranty will be repaired (when repairable) for a service charge. Return the unit postage paid and insured to:

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www.ueitest.com • Email: info@ueitest.com

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

