



# Training Tool Box

## Connecting Incoming Power to Multi-Tap Transformer

Applies only to model numbers ending in Y (208/240V 3-Phase)

When connecting the incoming power to the unit, it is important to be aware of the following.

- The Prodigy controller has the ability to see the output measurement from the transformers and will show an alarm if it is not correct.
  - If the line voltage is connected to the wrong input, it can damage the unit's contacting components, internal and external relays and cause board failure.
1. Check the unit nameplate to determine the incoming voltage supply needs of the unit.
  2. Measure the incoming power supply voltage.
  3. The unit is factory-wired to the 240V input terminal.
    - a. **If the power supply voltage to the unit measures 209 volts or higher, leave the wire connected to the 240V input terminal.**
    - b. **If the power supply voltage to the unit measures 208 volts or lower, connect to the 208V input terminal**
    - c. Confirm connection to Common is secure.

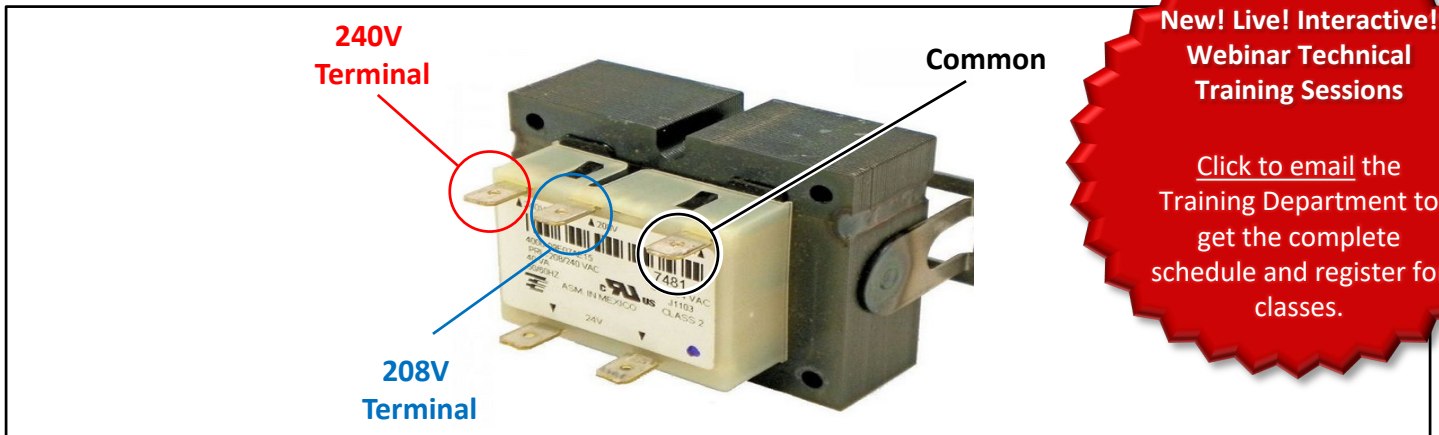


Figure 1. Typical Transformer

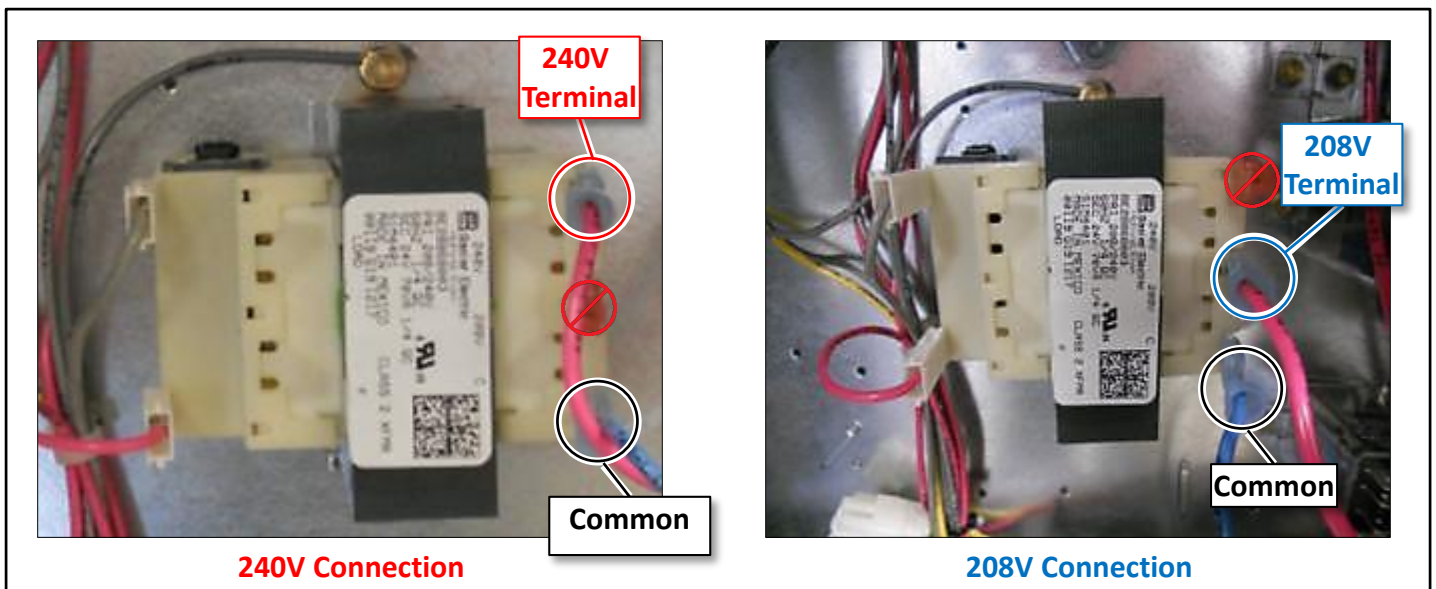


Figure 2. Connection Examples

