Transformer Connection Worksheet

System Parameters

Primary system voltage: 4160V 3-phase 4-wire
Load voltage requirement: 120/208V 3-phase 4-wire
Transformer rating: 2400/4160Y-120/240V, 25 kVA each

Step 1: Establish Internal Connections and Primary Vectors

Step 2: Establish Secondary Vectors

Phase displacement: 0° (std.)

Suggested connection:
- 120/240VAC 1-PH 3-Wire: N/A
- 120/208VAC 3-PH 4-Wire: Wye
- 120/240VAC 3-PH 3-Wire: Delta
- 120/208/240VAC 3-PH 4-Wire: Delta (High Leg)
- Other:

Step 3: Establish Physical Connections

More info at PEguru.com
1. Establish Internal Connections and Primary Vectors

2. Establish Secondary Vectors

3. Establish Physical Connections

More info at PEguru.com