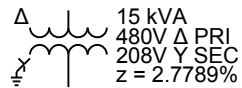


## Transformer #5

### Transformer Sizing Summary

Sunday, Jul. 09, 2006

Trade Size	15 kVA
Hertz	60 Hz
Phase	3
Voltage (primary)	480 VAC
Voltage (secondary)	208 VAC
Percent of Impedance(Z)	2.7789%
Configuration	Delta to Wye Transformer



### Transformer Sizing Analysis

Load Demand (primary)	15.90 A
Load Demand (secondary)	36.70 A
Load Rated (primary)	18.04 A
Load Rated (secondary)	41.64 A
Bolted Fault (primary)	649.26 A
Bolted Fault (secondary)	1,498.28 A
Load/Size (actual)	13.22 kVA
Load (remaining)	1.78 kVA
Percent of Utilization	88.13%
Increase Factor	none
Derating Factors	
Motor Cycling	none
Ambient Temperature	none
Altitude	none
OCPD	
Input (primary)	
at 0%	50A per NEC® Table 450.3(B)
Output (secondary)	
at 0%	60A per NEC® Table 450.3(B)

### Transformer Circuits

4LP1 - 13.22 kVA, 208VAC, 3-Phase