

Xfmr-TC Secondary

Transformer Characteristics

Phasing: Three Phase
Primary Line-To-Line Voltage: 480 Volts
KVA: 112.5 kVA
Impedance: 2%
Secondary Line-To-Line Voltage: 208 Volts

Motor Contribution

Total Motor FLA: 60 Amps
Motor Contribution Factor: x4

Available Short-Circuit Current

At Transformer Secondary: 12,679 Amps

Additional Information

(Approximations based on above 3-Phase L-L-L values)

Available Short-Circuit Current -
Phase-Phase (L-L): 11,031 Amps
Phase-Ground (L-G): 6,340 Amps
Phase-Neutral (L-N): 6,340 Amps
Phase-Ground (L-G) near transformer: 12,679 Amps
Phase-Neutral (L-N) near transformer: 12,679 Amps

Arcing Fault Values for Sustained Arcs -
3-Phase (L-L-L) Arcing Fault: 11,285 Amps
Phase-Phase (L-L) Arcing Fault: 9,383 Amps
Phase-Ground (L-G) Arcing Fault: 4,818 Amps
