



**GE Consumer & Industrial**  
 Specialty Transformer  
 PO Box 1701  
 Ft. Wayne, IN 46801  
 (260) 439-2000

**GE MODEL #:**  
**9T76H9875G03**

Underwriters' Laboratories Inc Listed

**RATING:**

CU 3PH 60HZ 112.5.0KVA 480 +2,-4(2.5%TAPS) 208Y/120

Frame = H375C

Temp. Rise (C) = 150 Insulation System = 220C

Average Sound Level (dB) = 50

**LOSS DATA @ 100% LOAD:**

Core Loss or No Load Loss @ 100% voltage (Watts) =	148.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>4042.0</u>
Total Loss @ Rise + 20C reference (Watts) =	4190.0

**DIELECTRIC AND PRODUCTION TESTING:**

Induce Test @ Twice rated voltage 400 Hz per ANSI C89.2 and NEMA ST-20

Hipot Test for High Voltage winding to Low Voltage and Ground @ 4000 volts 60 Hz 60 Sec.

Hipot Test for Low Voltage winding to High Voltage and Ground @ 2500 volts 60 Hz 60 Sec.

Polarity additive in accordance with ANSI C89.2 and NEMA ST-20

**EFFICIENCY:**

Load (%)	NEMA TP1 Efficiency (%)
16.67	98.8
25	98.9
35	98.8
50	98.5
75	97.9
100	97.4

**IMPEDANCE:**

Impedance at reference temperature of Rise + 20C (Calculated).

%R =	3.59
%X =	4.35
%Z =	5.64

**REGULATION:**

Regulation at reference temperature of Rise + 20C (Calculated).

PF	Regulation (%)
1.0	3.55
0.8	5.20

**NON-LINEAR LOAD EFFICIENCY (K7):**

Load (%)	Efficiency (%)	Windings reference temperature C
16.67	98.7	55
25	98.7	64
35	98.5	75
50	98.1	93
75	97.3	129
100	96.3	170

**Load profile considered for energy efficiency calculation**

Harmonic	Load current (A)
1	259.39
3	122.87
5	91.92
7	56.13
9	23.82
11	3.64
13	9.56
15	11.98