



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

GE MODEL #:
9T76H9873G13

Underwriters' Laboratories Inc Listed

RATING:
 CU 3PH 60HZ 45.0KVA 480 +2,-4(2.5%TAPS) 208Y/120

Frame = M373C
 Temp. Rise (C) = 115 Insulation System = 220C
 Average Sound Level (dB) = 45

LOSS DATA @ 100% LOAD:

Core Loss or No Load Loss @ 100% voltage (Watts) =	102.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>1285.0</u>
Total Loss @ Rise + 20C reference (Watts) =	1387.0

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	98.3
25	98.6
35	98.6
50	98.5
75	98.1
100	97.6

IMPEDANCE:

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

%R =	2.86
%X =	2.02
%Z =	3.50

REGULATION:

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

PF	Regulation (%)
1.0	2.80
0.8	3.38

NON-LINEAR LOAD EFFICIENCY (K7):

Load (%)	Efficiency (%)	Windings reference temperature C
16.67	98.3	57
25	98.5	65
35	98.5	75
50	98.3	89
75	97.8	112
100	97.1	135

Load profile considered for energy efficiency calculation

Harmonic	Load current (A)
1	105.32
3	49.89
5	37.32
7	22.79
9	9.67
11	1.48
13	3.88
15	4.87