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

GE MODEL #:
9T76H9873G03 Underwriters' Laboratories Inc Listed

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

Frame = H373C
Temp. Rise (C) = 150 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) =	1405.0
Total Loss @ Rise + 20C reference (Watts) =	1507.0

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 =	3.12
%X =	2.02
%Z =	3.72

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

PF	Regulation (%)
1.0	3.04
0.8	3.58

NON-LINEAR LOAD EFFICIENCY (K7):

Load (%)	Efficiency (%)	Windings reference temperature C
16.67	98.3	55
25	98.5	64
35	98.5	75
50	98.3	93
75	97.7	129
100	96.9	170

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