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

GE MODEL #:
9T76H9875G13 Underwriters' Laboratories Inc Listed

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

Frame = M375C
Temp. Rise (C) = 115 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) =	3692.0
Total Loss @ Rise + 20C reference (Watts) =	3840.0

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	98.0
100	97.4

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

%R =	3.28
%X =	4.35
%Z =	5.45

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

PF	Regulation (%)
1.0	3.26
0.8	4.98

NON-LINEAR LOAD EFFICIENCY (K7):

Load (%)	Efficiency (%)	Windings reference temperature C
16.67	98.7	57
25	98.7	65
35	98.5	75
50	98.1	89
75	97.4	112
100	96.5	135

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