



GE Consumer & Industrial
Large Power Transformers
1140 W. INDUSTRIAL PARK DR.
Nogales, AZ 85621

GE MODEL #:
9T73C9873

Underwriters' Laboratories Inc Listed

RATING:

CU 3PH 60HZ 45KVA 480 +2, +4(2.5% APS) 208Y/120 CLS-3

Frame = ST373

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

AVG. Sound Level (dB) = 45

LOSS DATA @ 100% LOAD:

Core Loss or No Load Loss @ 100% voltage (Watts) =	97.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>1,417.0</u>
Total Loss @ Rise + 20C reference (Watts) =	1,514.0

DIELECTRIC AND PRODUCTION TESTING:

Induce Test @ Twice rated voltage 400 Hz per UL1561 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 UL1561 and NEMA ST-20

EFFICIENCY:

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

Load (%)	Efficiency (%)
25	98.5
35	98.5
50	98.3
75	97.8
100	97.3

IMPEDANCE:

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

%R =	3.6
%X =	3.1
%Z =	5.0

REGULATION:

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

PF	Regulation (%)
1.0	3.5
0.8	4.5