



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

GE MODEL #:
9T83C9853G80

Underwriters' Laboratories Inc Listed

RATING:

CU 3PH 60HZ 45.0KVA 480 480Y/277

Frame = EE73
Temp. Rise (C) = 80 Insulation System = 220C
Average Sound Level (dB) = 45

LOSS DATA:

Max Core Loss or No Load Loss @ 100% voltage (Watts) =	292.0
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>984.8</u>
Total Loss @ Rise + 20C reference (Watts) =	1,276.8

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:

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

Load (%)	Efficiency (%)
35	at least 97.7

IMPEDANCE:

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

%R =	2.1
%X =	4.8
%Z =	5.2

REGULATION:

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

PF	Regulation (%)
1.0	2.3
0.8	4.6