



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

**GE MODEL #:**  
**9T85V5074G15**

Underwriters' Laboratories Inc Listed

**RATING:**

AL 3PH 60HZ 75.0KVA 380 +2, -4(2.5% TAPS) 380Y/219 CLS-3 TENV

Frame = ST375  
Temp. Rise (C) = 115 Insulation System = 220C  
AVG. Sound Level (dB) = 50

**LOSS DATA @ 100% LOAD:**

Core Loss or No Load Loss @ 100% voltage (Watts) =	169.5
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>1,502.7</u>
Total Loss @ Rise + 20C reference (Watts) =	1,672.2

**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	98.7
35	98.8
50	98.7
75	98.5
100	98.2

**IMPEDANCE:**

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

%R =	2.0
%X =	3.4
%Z =	3.9

**REGULATION:**

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

PF	Regulation (%)
1.0	1.9
0.9	3.1
0.8	3.4