

GENERAL ELECTRIC

TRANSFORMER

NO. CLASS FOA/FOA THREE-PHASE 60 HERTZ

CALCULATED IMPEDANCE
AT 460 MVA

H-X 8.95 %

VOLTAGE RATING 230000GR, Y/132790-25000
KVA RATING 460000 CONTINUOUS 55 C RISE FORCED-OIL AND FORCED-AIR-COOLED
KVA RATING 515000 CONTINUOUS 65 C RISE FORCED-OIL AND FORCED-AIR-COOLED
* KVA RATING 690000 CONTINUOUS 65 C RISE FORCED-OIL AND FORCED-AIR-COOLED

HIGH VOLTAGE CONNECTIONS					
LINES ON H1, H2, H3				NEUTRAL ON H0	
VOLTS LINE TO LINE	AMPERES 460000 KVA	AMPERES 515000 KVA	AMPERES 690000 KVA	DIAL POS.	TAP CHANGERS NO. 1, 2, 3 CONNECT
241500	1099	1232	1650	1	A TO B
235750	1128	1262	1692	2	A TO B
230000	1154	1293	1733	3	A TO C
224250	1186	1328	1780	4	A TO C
218500	1215	1362	1823	5	A TO D

LOW VOLTAGE CONNECTION				
LINES ON X1, X2, X3		AMPERES		
VOLTS LINE TO LINE	460000 KVA	515000 KVA	690000 KVA	
25000	10623	11900	15934	

BASIC INSULATION LEVELS				
ITEM				IMPULSE LEVEL-FULL WAVE KV
H1	H2	H3		650
X1	X2	X3		150
H0				150

SUITABLE FOR OPERATION WITH THE NEUTRAL EITHER SOLIDLY GROUND OR GROUND THROUGH AN IMPEDANCE WHICH WILL LIMIT THE LOW FREQUENCY AND IMPULSE VOLTAGES FROM NEUTRAL TO GROUND TO VALUES CONSISTENT WITH THE INSULATION LEVELS SHOWN ON THIS NAMEPLATE.

TRANSFORMER OPERATING PRESSURE RANGE IS 0.6 PSI POSITIVE TO 0 PSI.
TRANSFORMER TANK SUITABLE TO WITHSTAND 5 PSI PRESSURE AND FULL VACUUM WITH ALL TANK BRACING IN PLACE.

C.T. -A IS FOR USE WITH INDICATING THERMAL RELAY. USE X1-X2 TAP FOR 460000/515000 KVA RATING USE X1-X3 TAP FOR 690000 KVA RATING.

C.T. 'S NO. 1, 2, 3, 11, 12, 13 ARE 3000/5 AMP. C.T. NO. 7 IS 2000/5 AMP. REFER TO C.T. NAMEPLATE FOR CONNECTIONS AND RATIOS.

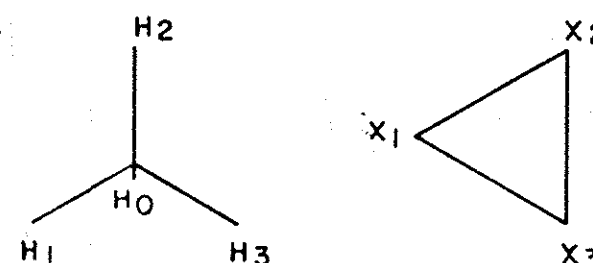
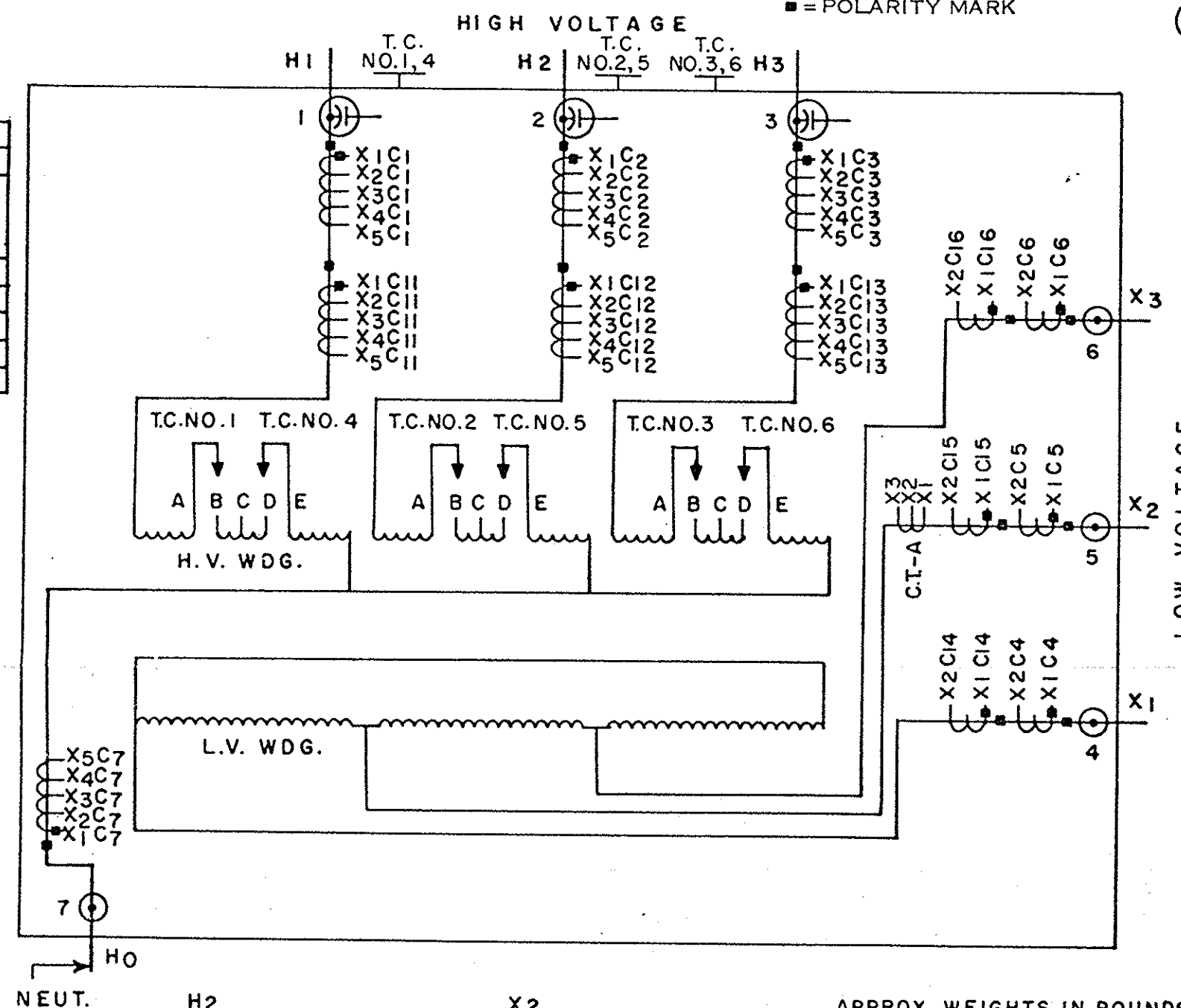
C.T. 'S NO. 4, 5, 6 ARE 16000/5 AMP. C.T. 'S NO. 14, 15, 16 ARE 30000/5 AMP.

IMPEDANCE VOLTS PER CENT 230000GR, Y 25000 VOLTS AT 460000 KVA

CAUTION! BEFORE INSTALLING OR OPERATING READ INSTRUCTIONS GEK-36898

PITTSFIELD, MASS.

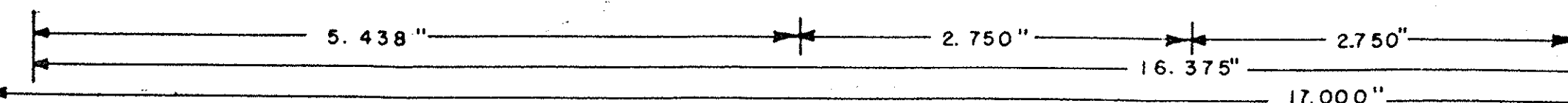
MADE IN U.S.A.



APPROX. WEIGHTS IN POUNDS
TOTAL
WHEN UNTANKING
TANK AND FITTINGS
NO. 10-C @ OIL GAL.

* WITH REQUIRED COOLING EQUIPMENT OPERATING. *TX IS OUTFITTED FOR 690 MVA WITH 10 COOLERS.*

S/N - H40 9987
Ref - 3188



AREA:
204.00 SQ. IN.

STN. STL. C59FIE2 .020 THK. ETCHING FILLED WITH
BLACK BAKING ENAMEL.

MADE BY *General Electric* APPROVALS *[Signature]* DIV OR DEPT *[Signature]* LOCATION *[Signature]* CONT ON SHEET *[Signature]* SH NO. *[Signature]*

NPF-105949 (2-57)

REV NO. *[Signature]*

PRINTS TO
0558
358A
QC-100
056F
350F
350H

NP 268668