

GENERAL ELECTRIC

TRANSFORMER

GENERAL ELECTRIC

NP 268668

P.O. 7260154

REQ. 326-31471

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:

APPLIED PRACTICES

SURFACES

TOLERANCES ON MACHINED DIMENSIONS

FRACTIONS

DECIMALS

ANGLES

FIRST MADE FOR

Ref: 3171

SN
H409988

CALCULATED IMPEDANCE
AT 460 MVA

H-X 8.95 %

NO. CLASS FOA/FOA THREE-PHASE 60 HERTZ

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 KVA	DIAL POS.	TAP CHANGERS NO. 1, 2, 3 CONNECT	TAP CHANGERS NO. 4, 5, 6 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			
VOLTS LINE TO LINE	AMPERES KVA	AMPERES KVA	AMPERES 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 GROUNDED OR GROUNDED 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.

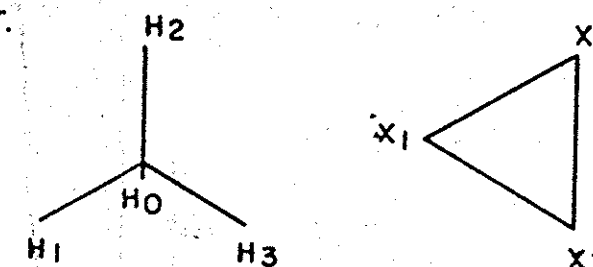
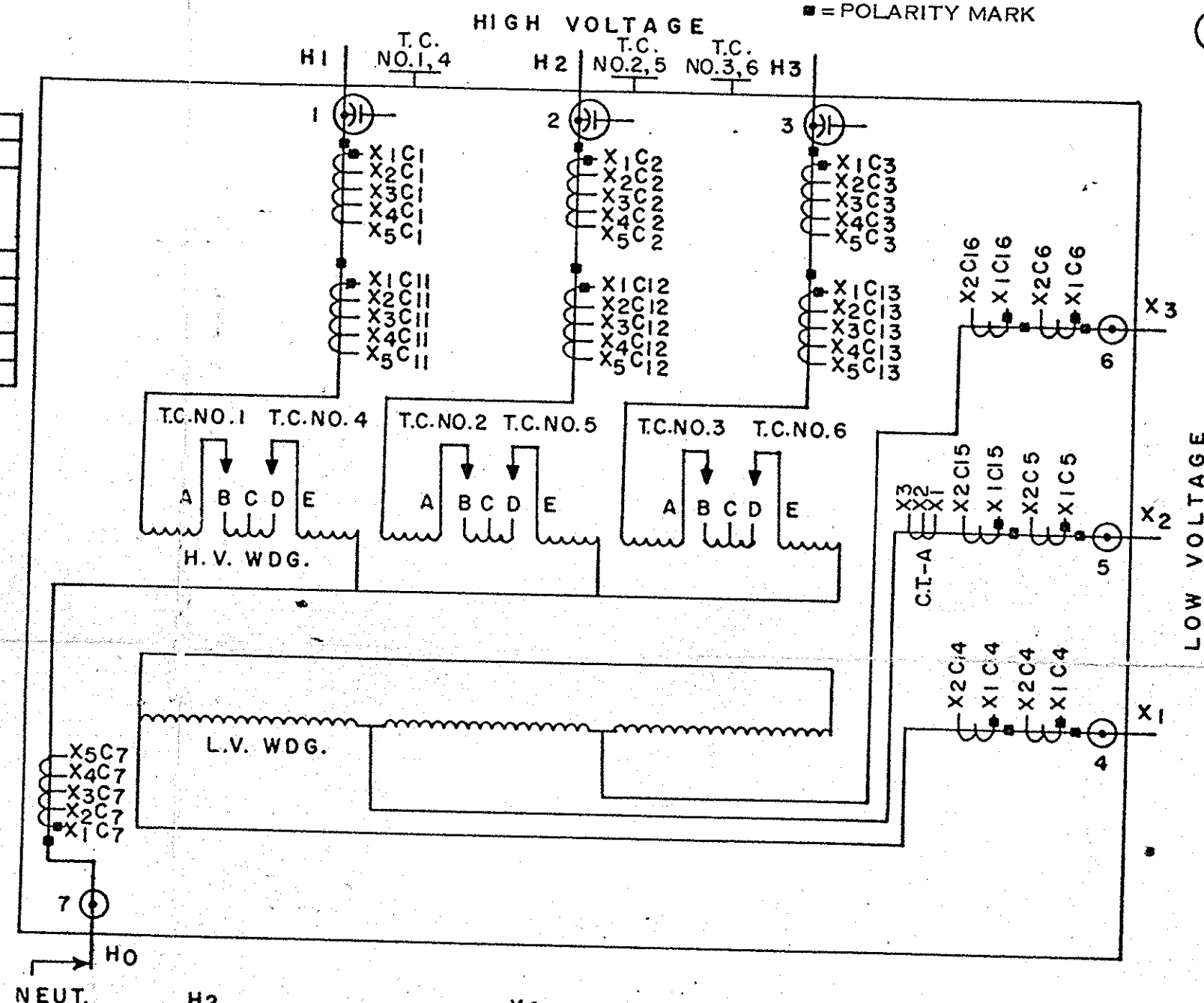
IMPEDANCE VOLTS PER CENT 230000GR. Y-25000 VOLTS AT 460000 KVA

CAUTION! BEFORE INSTALLING OR OPERATING READ INSTRUCTIONS GEK-36898

PITTSFIELD, MASS.

ATMOSEAL® OIL PRESERVATION SYSTEM

MADE IN U.S.A.



APPROX. WEIGHTS IN POUNDS

TOTAL 700500

WHEN UNTANKING 444000

TANK AND FITTINGS 102000

NO. 10-C@ OIL 20740 GAL. 154500

* WITH REQUIRED COOLING EQUIPMENT OPERATING.

TX IS OUTFITTED FOR 690MVA WITH 10 COOLERS

AREA:
204.00 SQ. IN.

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

PRINTS TO	
1 ADD T.C. HANDLES 9/11	0558
2 CORR. NP NO. 9/11	358A
3 ADD. W. 11/11	QC-100
	0561
	350A
	350A

MADE BY
ISSUED

APPROVALS

DIV OR

DEPT

LOCATION

NP 268668

CONT ON SHEET

SH NO.

NPF-105949 (2-57)

REV. NO.