

60

MIRANT KENDALL

T42 GSU for CT

SIEMENS

GENERATOR - STEP - UP TRANSFORMER

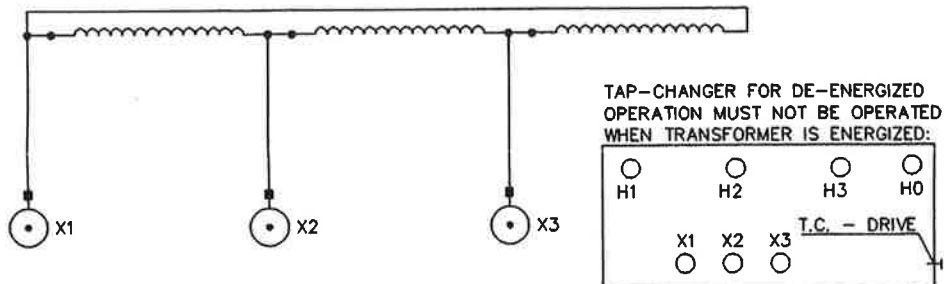
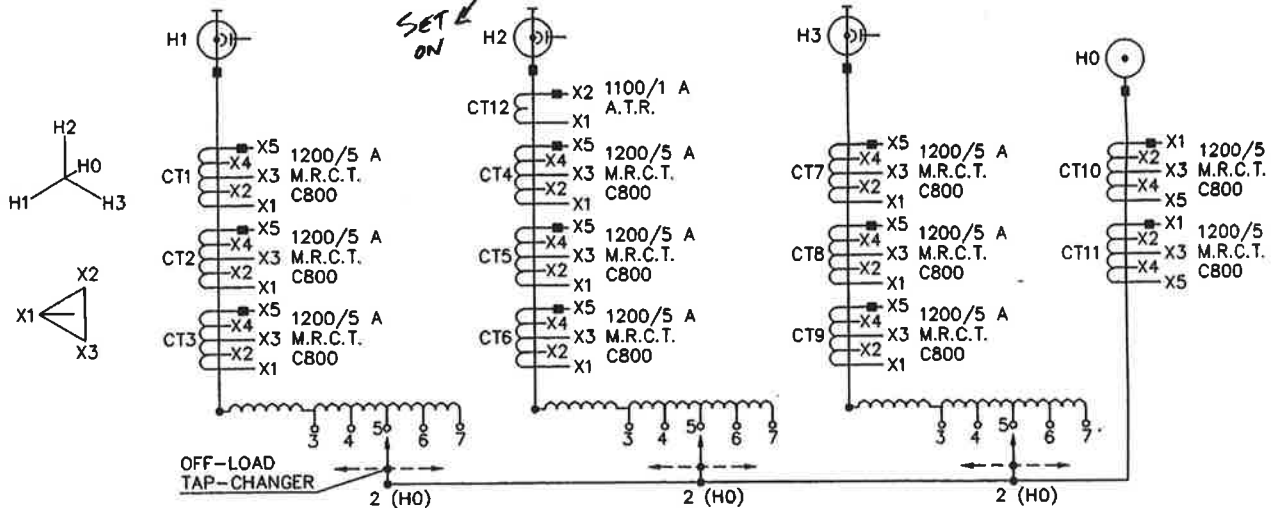
Made by SIEMENS

SERIAL No. 408 080 TRANSFORMER TYPE: 1 TBP 208000-115 EQUIPMENT No. GSU-CTG-1 PURCHASE ORDER No. PO19017-105

THREE PHASE 60 Hz 55 K W.TEMP.RISE (65 K at 233 MVA) CLASS OA / FA / FA
H WINDING MVA 125 / 166 / 208 / (233) 117000 GRD Y / 67550 VOLTS 450 - 150 kV BIL
X WINDING MVA 125 / 166 / 208 / (233) 18000 Δ VOLTS 150 kV BIL
DE-ENERGIZED TAP-CHANGER TYPE UA3/1300/350/200/5 ELIN MAX SOUND POWER LEVEL 88 db (A)
IMPEDANCE: H - X AT 125 MVA 9.64 % ZERO SEQUENCE IMPEDANCE: H - X AT 125 MVA 9.24 %

CORE & COIL 209 500 lbs INSULATING LIQUID 59 500 lbs MFG DATE 2000
TANK & FITTINGS 24 000 lbs TOTAL WEIGHT (INCL. LIQUID) 342 000 lbs COPPER WINDINGS
LARGEST PIECE 236 000 lbs SHIPPING WEIGHT 236 000 lbs
UNTANKING HEADROOM 27 ft SHIPPING HEIGHT 14 ft

H WINDING								X WINDING							
VOLTS		AMPERES				TAP CHANGER FOR DE-ENERGIZED OPERATION		VOLTS		AMPERES					
H1	H2	H3	125 MVA	166 MVA	208 MVA	233 MVA	POS.	OFF-LOAD TAP-CHANGER CONNECTIONS	X1	X2	X3	125 MVA	166 MVA	208 MVA	233 MVA
122 850			587	780	978	1 095	1	2 - 7							
119 925			602	799	1 001	1 122	2	2 - 6							
117 000			617	819	1 026	1 150	3	2 - 5							
114 075			633	840	1 053	1 179	4	2 - 4							
111 150			649	862	1 080	1 210	5	2 - 3							
									18 000			4 009	5 324	6 672	7 473



CURRENT TRANSFORMER:

RATIO	CONN. TO
1 200 : 5 A M.R.C.T.	
100 : 5 A	X2 - X3
200 : 5 A	X1 - X2
300 : 5 A	X1 - X3
400 : 5 A	X4 - X5
500 : 5 A	X3 - X4
600 : 5 A	X2 - X4
800 : 5 A	X1 - X4
900 : 5 A	X3 - X5
1 000 : 5 A	X2 - X5
1 200 : 5 A	X1 - X5

MAXIMUM OPERATING PRESSURES OF LIQUID PRESERVATION SYSTEM 10 PSI POSITIVE AND 15 PSI NEGATIVE.
FILLING INSULATING LIQUID ANSI / ASTM D 3487: INSULATING LIQUID IS FREE OF PCB:
READ INSTRUCTION BOOK BEFORE PLACING IN SERVICE
REFERENCE AND ID. NUMBER IS SER: N° 408 080.

CAUTION:
HIGH VOLTAGE ON
OPEN C.T. SECONDARY

No. E85 738

Made by Siemens in Croatia