



COMBUSTION TURBINE GENERATOR STEP-UP TRANSFORMER TRN-CTG2-GSU

3 PHASE	60 HZ	CORE FORM	STANDARD IEEE C57.12
TYPE OF COOLING	ONAN/ONAF/ONAF		OUTDOOR USE

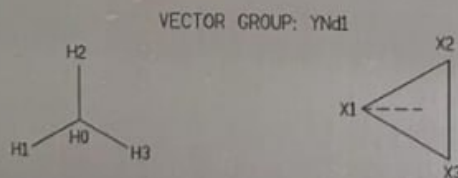
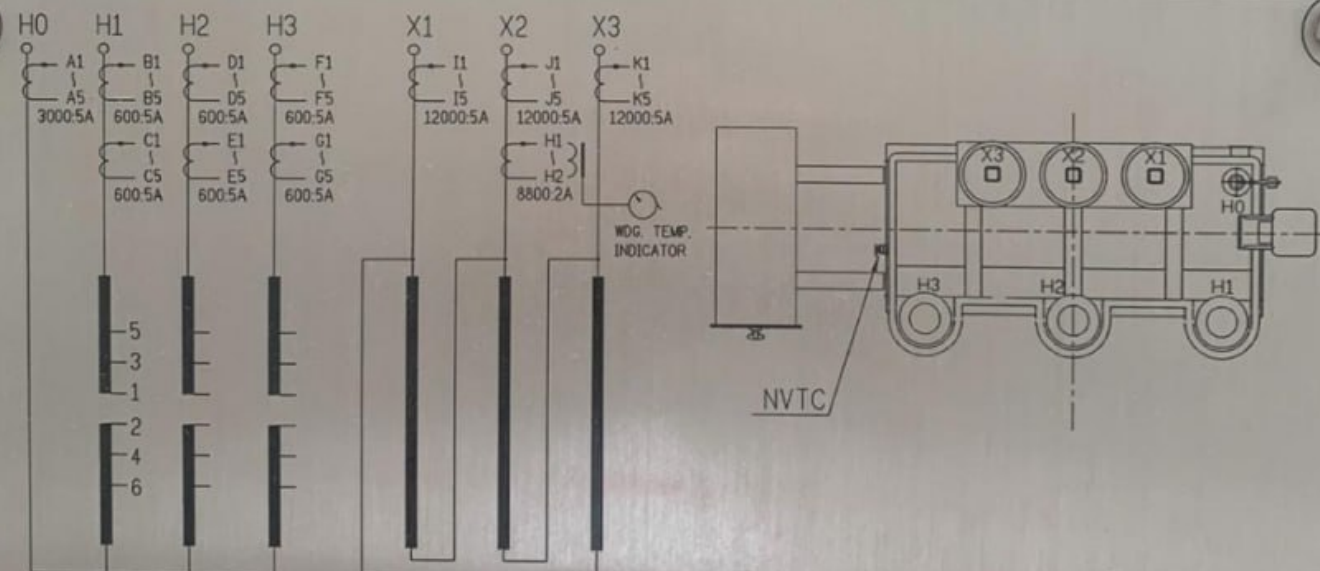
WINDING	CONN. TO	CAPACITY (MVA)				VOLTAGE RATING (kV)	CURRENT (A)				IMPULSE (BIL)
		ONAN	ONAF	ONAF	ONAF		ONAN	ONAF	ONAF	ONAF	
		55°C	55°C	55°C	65°C		55°C	55°C	55°C	65°C	
HV	H1, H2, H3	111	148	185	207	230	279	372	464	520	900 kV NEUTRAL 150 kV
LV	X1, X2, X3					15	4272	5697	7121	7967	150 kV

LOAD CAPABILITY 40°C AMBIENT TEMP.
WDG. TEMP. RISE BY RESISTANCE 55 °C
OIL TEMP. RISE 55 °C
IMPEDANCE 0.01 %
75°C AT 111 MVA

INSULATING OIL	MINERAL OIL PCB FREE
WINDING MATERIAL	COPPER
WITHSTAND: COMPLETE TRANSFORMER ±15Psi PRESSURE	

APPROXIMATE WEIGHTS	
CORE & WINDINGS	200,000 lbs
TANK & FITTINGS	64,150 lbs
OIL 10,570 GALLONS	79,365 lbs
TOTAL WEIGHT	343,515 lbs

POSITION	CT NO	CURRENT MULTI RATIO										ACCURACY
		SECONDARY CONNECTIONS										
H0	A	3000:5A	2500:5A	2200:5A	2000:5A	1500:5A	1200:5A	1000:5A	800:5A	500:5A	300:5A	C200
		X1-X5	X1-X4	X1-X3	X2-X5	X2-X4	X2-X3	X1-X2	X3-X5	X4-X5	X3-X4	
H1, H2, H3	B, C, D E, F, G	600:5A	500:5A	450:5A	400:5A	300:5A	250:5A	200:5A	150:5A	100:5A	50:5A	B-0.2
		X1-X5	X2-X5	X3-X5	X1-X4	X2-X4	X3-X4	X4-X5	X1-X3	X1-X2	X2-X3	
X1, X2, X3	I, J, K	12000:5A	10000:5A	9000:5A	8000:5A	6000:5A	5000:5A	4000:5A	3000:5A	2000:5A	1000:5A	C400
		X1-X5	X2-X5	X3-X5	X1-X4	X2-X4	X3-X4	X4-X5	X1-X3	X1-X2	X2-X3	
X2	H	8800:2A										-
		X1-X2										



VOLTAGE (V)	CURRENT(A)				NO VOLTAGE TAP CHANGER	
	ONAN 55°C	ONAF 55°C	ONAF 55°C	ONAF 65°C	IND.	CON.
241,500	265	354	442	495	1	1-2
235,750	272	362	453	507	2	2-3
230,000	279	372	464	520	3	3-4
224,250	286	381	476	533	4	4-5
218,500	293	391	489	547	5	5-6

YEAR OF MANUFACTURE

Oct. 2001

SERIAL NO.

01025

INSTRUCTION MANUAL: 24-9572

FORTUNE ELECTRIC CO., LTD.

MADE IN TAIWAN