

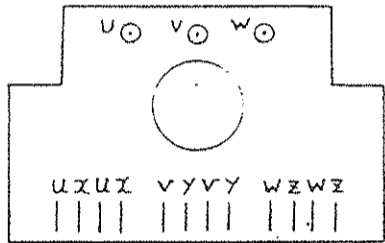
# FURNACE TRANSFORMER

STANDARD	IEC 76-1976	
TYPE OF COOLING	OFPF	
RATED FREQUENCY	50 Hz	
NUMBER OF PHASES	3	
	PRIMARY	SECONDARY
RATED POWER (kVA)	30000	30000
RATED VOLTAGE (V)	22000	400
RATED CURRENT (A)	787	43300
INSULATION LEVEL	BIL 125 kV	AC 2.5 kV
IMPEDANCE VOLTAGE	5 (30MVA BASE)	
TEMPERATURE RISE	WINDING 55°C	
	OIL 50°C	
	MAX. INLET TEMP. OF COOLING WATER 35°C	

CURRENT TRANSFORMER			
POSITION	A	B	C
RATED CURRENT	1200 / 5 A	2970 / 5 A	1200 / 5 A
RATED BURDEN	60 VA	500 VA	25 VA
ACCURACY CLASS	0.2	10P5	10P10

TOTAL MASS	67500 kg
TRANSPORTATION MASS	kg
UNTANKING MASS	35000 kg
MASS OF INSULATING OIL	l
QUANTITY OF COOLING WATER FOR OIL COOLER	210 l/min

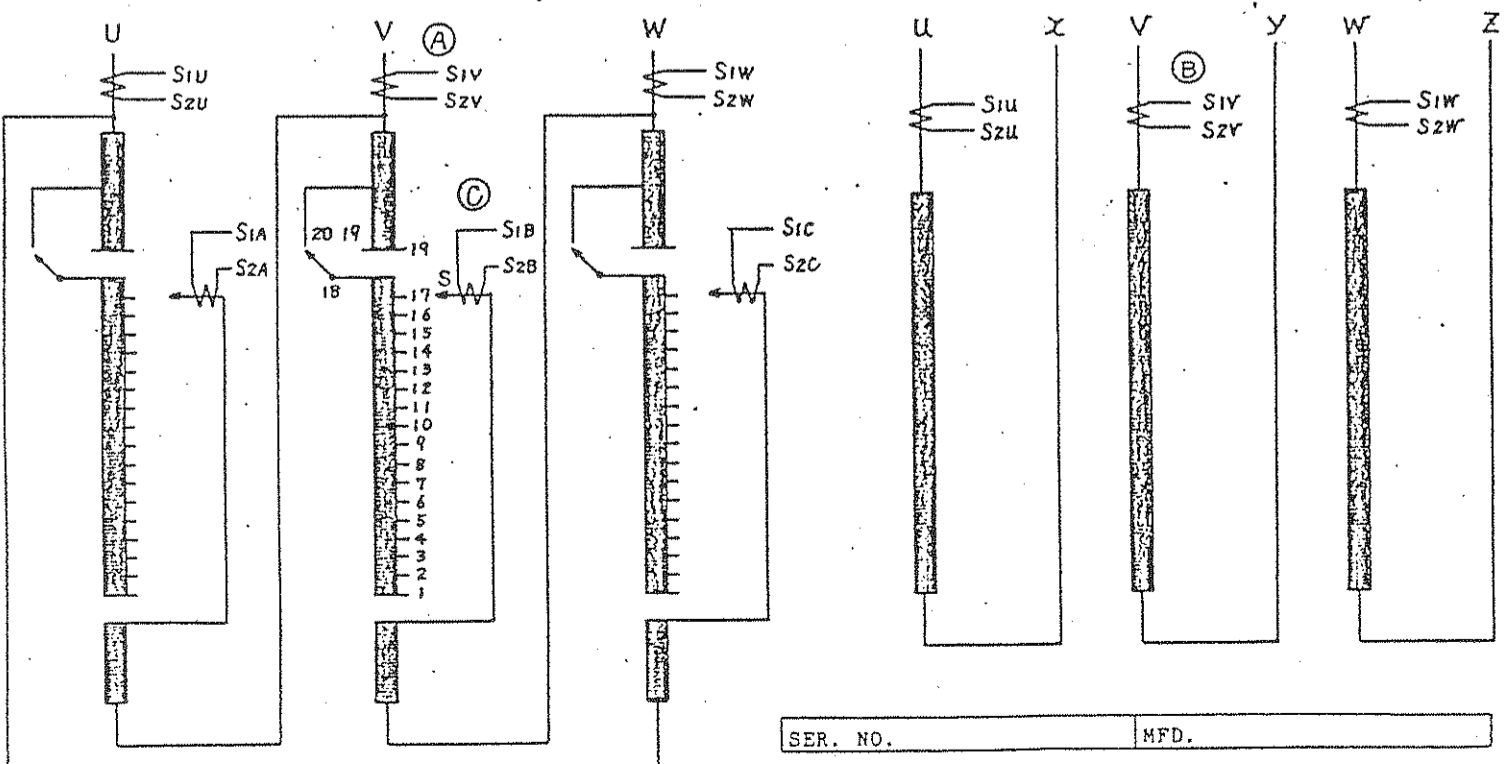
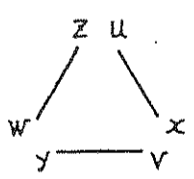
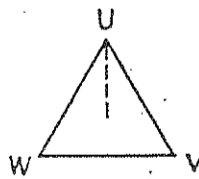
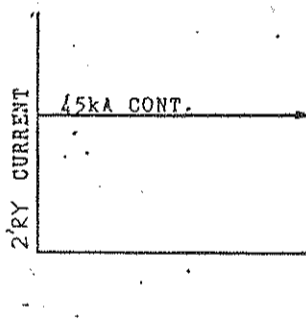
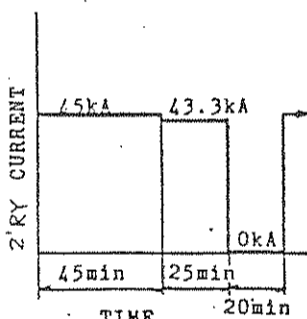
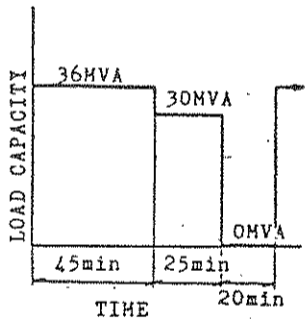
NOTE: THE RATIO OF CT (C) IS EQUIVALENT TO 65000 /  $\sqrt{3}$  A.



TERMINAL	VOLT.	ON-LOAD TAP-CHANGER		VOLT.	AMP.	TERMINAL					
		POS.	CONNECTION								
U	22000	35	S-17	18-20	F 520	33310	Ux				
		34	S-16		F 502	34500					
		33	S-15		F 485	35710					
		32	S-14		F 468	37010					
		31	S-13		F 453	38230					
		30	S-12		F 438	39540					
		29	S-11		F 425	40750					
		28	S-10		F 412	42040					
		27	S-9		R 400						
		26	S-8			389					
		25	S-7			378					
		24	S-6			368					
		23	S-5			358					
		22	S-4			349					
		21	S-3			332					
		20	S-2			317					
		V	22000		19	S-1		18-19	F 403		Vy
					18	S-19			F 383		
17	S-17			F 377							
16	S-16			F 372							
15	S-15			F 366							
14	S-14			F 361	43300						
13	S-13			F 356							
12	S-12			F 352							
11	S-11			F 347							
W	22000	10	S-10	18-19	F 343		Wz				
		9	S-9		F 339						
		8	S-8		F 335						
		7	S-7		F 331						
		6	S-6		F 327						
		5	S-5		F 323						
		4	S-4		F 320						
		3	S-3		F 313						
		2	S-2		F 306						
1	S-1	F 200									

NOTICE: THIS TRANSFORMER CAN BE OPERATED IN THE FOLLOWING LOAD CYCLE CONDITIONS.

- 1) ABOVE 453 VOLT.
- 2) BELOW 438 VOLT.
- 3) BELOW 389 VOLT.



SER. NO. MFD.

TR 2389656

Fuji Electric Co., Ltd. Japan

(A) Revised (1982-10-10) Final TR/kyk/ks Date 1 NAME SCALE 3 RD. ANGI F PROJECTION MESSRS. NISM S

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