Westinghouse

67000– 2400/4160Y/2400XVOLTS 12470Y/7200 60 HERTZ L. SPEC. 877216 SERIAL RPF10871	THREE PHASE TYPE SL LOAD TAP CHANGING **TRANSFORMER** CLASS OA/FA* INSULDUR INSULATION	FULL LOAD CONTINUOUSLY 10000/12500 KVA–55°C. RISE* 11200/14000 KVA–65°C. RISE GALLONS OIL L.T.C. COMPARTMENT 360 TRANS. TANK 4088

MADE IN U.S.A. **WESTINGHOUSE ELECTRIC CORPORATION** 197P565 H01—B

FOR DIAGRAM OF CONNECTIONS SEE INSTRUCTION PLATE 197P564 H01

CONNECTIONS

WINDING	VOLTS	12500KVA AMPERES	DE-ENERGIZED TAP CHANGER POS.	DE-ENERGIZED TAP CHANGER CONNECTS	LOAD TAP CHANGER	POS.	CONNECTS P1 ON	CONNECTS P3 ON	CONNECTS M ON	L.V. TERMINAL BOARD CONNECT IN EACH PHASE
HIGH VOLTAGE DELTA	70350	102.6	1	23 — 24						
	68700	105.9	2	22 — 24						
	67000	107.7	3	22 — 25						
	65325	110.5	4	21 — 25						
	63650	113.4	5	21 — 26						
LOW VOLTAGE WYE PAR.	3744	1738			LOWER	16	4	4	A	2 TO 16, 16 TO 14 38 TO 40, 40 TO 36 N TO 40
	3796	1738				14	5	5	A	
	3848	1738				12	6	6	A	
	3900	1738				10	7	7	A	
	3952	1738				8	8	8	A	
	4004	1738				6	9	9	A	
	4056	1738				4	10	10	A	
	4108	1738				2	11	11	A	
	4160	1738				N	M	M	A	
	4212	1713			RAISE	2	4	4	B	
	4264	1688				4	5	5	B	
	4316	1675				6	6	6	B	
	4368	1650				8	7	7	B	
	4420	1625				10	8	8	B	
	4472	1613				12	9	9	B	
	4524	1588				14	10	10	B	
	4576	1575				16	11	11	B	
LOW VOLTAGE DELTA PAR.	2160	3013			LOWER	16	4	4	A	2 TO 16, 16 TO 14 38 TO 40, 40 TO 36 A16 TO B40 B16 TO C40 C16 TO A40
	2190	3013				14	5	5	A	
	2220	3013				12	6	6	A	
	2250	3013				10	7	7	A	
	2280	3013				8	8	8	A	
	2310	3013				6	9	9	A	
	2340	3013				4	10	10	A	
	2370	3013				2	11	11	A	
	2400	3013				N	M	M	A	
	2430	2975			RAISE	2	4	4	B	
	2460	2938				4	5	5	B	
	2490	2900				6	6	6	B	
	2520	2862				8	7	7	B	
	2550	2825				10	8	8	B	
	2580	2800				12	9	9	B	
	2610	2763				14	10	10	B	
	2640	2738				16	11	11	B	
LOW VOLTAGE WYE SERIES	11223	579			LOWER	16	4	4	A	36 TO 14 38 TO 2 N TO 40
	11379	579				14	5	5	A	
	11535	579				12	6	6	A	
	11691	579				10	7	7	A	
	11847	579				8	8	8	A	
	12002	579				6	9	9	A	
	12158	579				4	10	10	A	
	12314	579				2	11	11	A	
	12470	579				N	M	M	A	
	12626	571			RAISE	2	4	4	B	
	12782	565				4	5	5	B	
	12938	558				6	6	6	B	
	13094	551				8	7	7	B	
	13249	545				10	8	8	B	
	13405	539				12	9	9	B	
	13561	533				14	10	10	B	
	13717	526				16	11	11	B	

CURRENTS GIVEN IN THE TABLE OF CONNECTIONS CORRESPOND TO THE RATING FOR 55°C. RISE.
VOLTAGE AND CURRENT RATINGS FOR ODD NUMBERED POSITIONS OF LOAD TAP CHANGER ARE MIDWAY BETWEEN THOSE LISTED ABOVE.
THE 25°C. LIQUID LEVEL IS 16 13/16 INCHES BELOW TOP OF HIGHEST MANHOLE FLANGE.
LIQUID LEVEL CHANGES 15/16 INCHES FOR EACH 10°C. CHANGE IN AVERAGE LIQUID TEMPERATURE.
THE TRANSFORMER MUST NOT BE ENERGIZED FROM ANY VOLTAGE SOURCE WHEN DE-ENERGIZED TAP CHANGERS ARE OPERATED.
THE TRANSFORMER IS DESIGNED FOR OPERATION BETWEEN PRESSURE LIMITS OF 6.5 LBS. PER SQUARE INCH POSITIVE AND 6.5 LBS. PER SQUARE INCH NEGATIVE.
THIS TRANSFORMER TANK IS DESIGNED TO WITHSTAND AN EXTERNAL PRESSURE OF 15 LBS. PER SQUARE INCH.
WHEN VACUUM IS APPLIED TO THE TRANSFORMER TANK, A VACUUM OF 15 LBS. PER SQUARE INCH MUST BE SIMULTANEOUSLY APPLIED TO THE OIL COMPARTMENT(S) OF THE LOAD TAP CHANGER.
*WITH THE ADDITION OF AIR BLAST EQUIPMENT, THIS TRANSFORMER NOW HAS A RATING OF 12500 KVA WITHOUT EXCEEDING A 55°C. TEMPERATURE RISE AND A RATING OF 14000 KVA WITHOUT EXCEEDING A 65°C. TEMPERATURE RISE.