

# Westinghouse®



WINDING  
138000-  
12470Y/7200  
VOLTS  
60 HERTZ  
SPEC SLE5097-08

THREE PHASE  
TYPE SL  
VACUTAP UVT  
LOAD TAP CHANGING  
TRANSFORMER  
CLASS 0A/FA/FA  
INSULOUR INSULATION

FULL LOAD CONTINUOUSLY  
18000/24000/30000  
KVA-65° C. RISE  
SERIAL

27-0056

GALS. OIL L.T.C. COMP. 19 TRANS. TAN. 12

IMPEDANCE 9.54 % AT 18000 KVA 38000 TO 12470 VOLTS

FULL WAVE IMPULSE TEST LEVEL: HIGH VOLTAGE WDG. 550 KV., LOW VOLTAGE WDG. 110 KV.

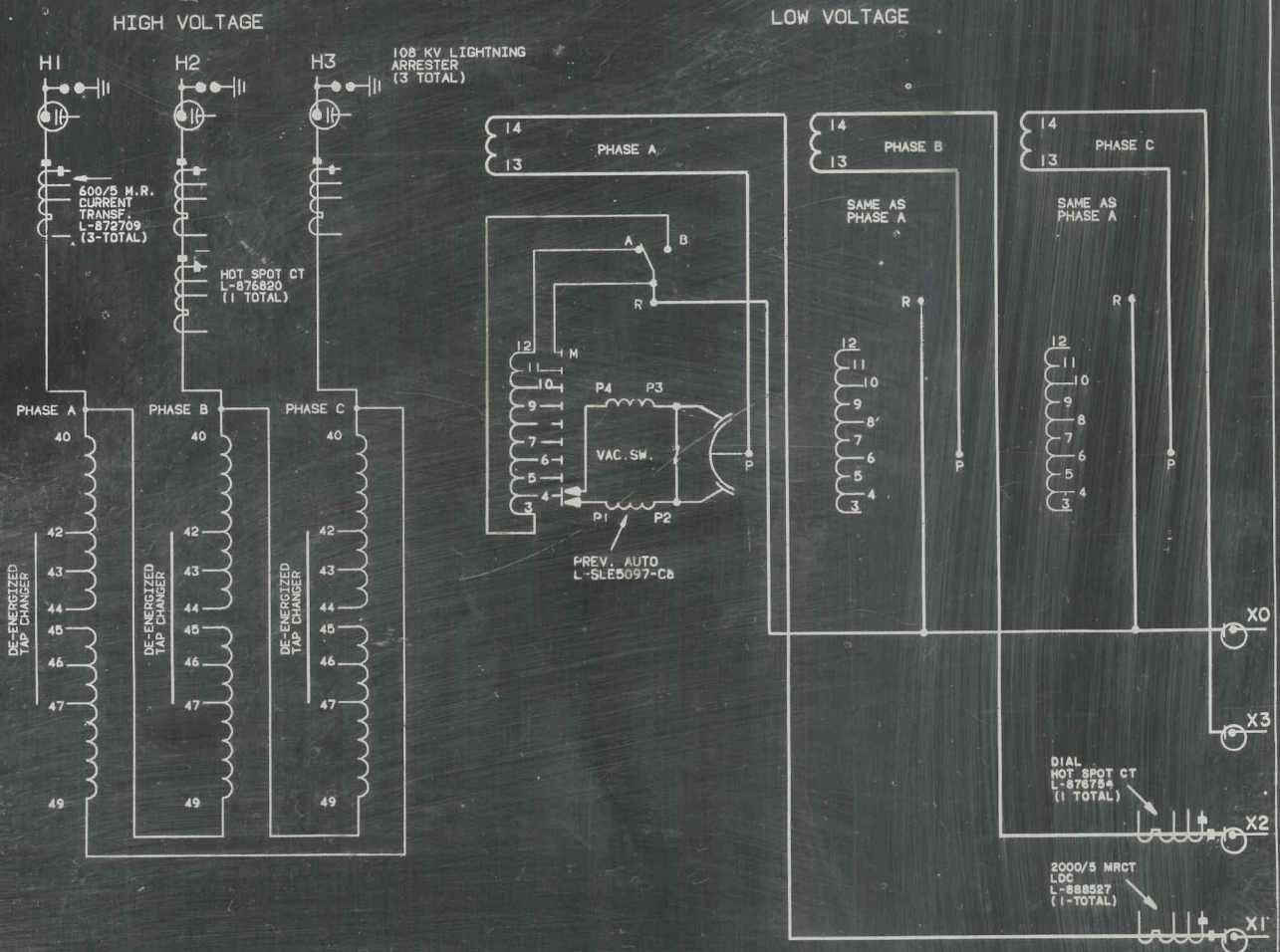
APPROX. WEIGHT IN LBS. CORE AND COILS 82595 CASE 34040 OIL 56672 TOTAL 17330

MADE IN MEXICO

WESTINGHOUSE ELECTRIC CORPORATION

I.P. SLE5097-10C

CAUTION: DO NOT ATTEMPT TO HANDLE, INSTALL, USE OR SERVICE THIS TRANSFORMER BEFORE READING INSTRUCTION BOOK SLE5097-12. TO DO SO MAY LEAD TO BODILY INJURY OR PROPERTY DAMAGE OR BOTH.



CONNECTIONS															
WINDING	VOLTS	30000 KVA AMPERES	DE-ENERGIZED TAP CHANGER				VOLTS	30000 KVA AMPERES	LOAD TAP CHANGER						
			POS.	CONNECTS IN EACH PHASE					POS.	CONNECTS IN EACH PHASE					
HIGH VOLTAGE DELTA	144900	119.5	1	44	45										
	141450	122.4	2	43	45										
	138000	125.3	3	43	46										
	134550	128.7	4	42	46										
	131100	132.1	5	42	47										
LOW VOLTAGE WYE	11223	1389		16	A	4	4	12470	1389		N	B	M	M	
	11301	1389		15	A	5	4	12548	1380		1	B	4	M	
	11379	1389		14	A	5	5	12626	1372		2	B	4	4	
	11457	1389		13	A	6	5	12704	1363		3	B	5	4	
	11535	1389		12	A	6	6	12782	1355		4	B	5	5	
	11613	1389		11	A	7	6	12860	1347		5	B	6	5	
	11691	1389		10	A	7	7	12938	1339		6	B	6	6	
	11769	1389		9	A	8	7	13016	1331		7	B	7	6	
	11845	1389		8	A	8	8	13093	1323		8	B	7	7	
	11924	1389		7	A	9	8	13171	1315		9	B	8	7	
	12002	1389		6	A	9	9	13249	1307		10	B	8	8	
	12080	1389		5	A	10	9	13327	1300		11	B	9	8	
	12158	1389		4	A	10	10	13405	1292		12	B	9	9	
	12236	1389		3	A	11	10	13483	1285		13	B	10	9	
	12314	1389		2	A	11	11	13561	1277		14	B	10	10	
	12392	1389		1	A	M	11	13639	1270		15	B	11	10	
12470	1389		N	B	M	M	13717	1263		16	B	11	11		

THE 25 DEG. C LIQUID LEVEL IS 4.66 INCHES BELOW TOP OF HIGHEST MANHOLE FLANGE.  
LIQUID LEVEL CHANGES .75 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 PER SQUARE INCH POSITIVE- AND 4.5 LBS. PER SQUARE INCH NEGATIVE.  
THE TRANSFORMER 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.

CONDUCTOR MATERIALS: H.V. WDG. CU., L.V. WDG. CU.

UNTANKING WEIGHT (HEAVIEST PIECE) 82595 LBS.



27-0056