

Westinghouse



RECTIFIER
FULL WAVE
AVERAGE D.C. OUTPUT
1500 MILLIAMPERES
45000 VOLTS
PEAK INVERSE
VOLTS 75000

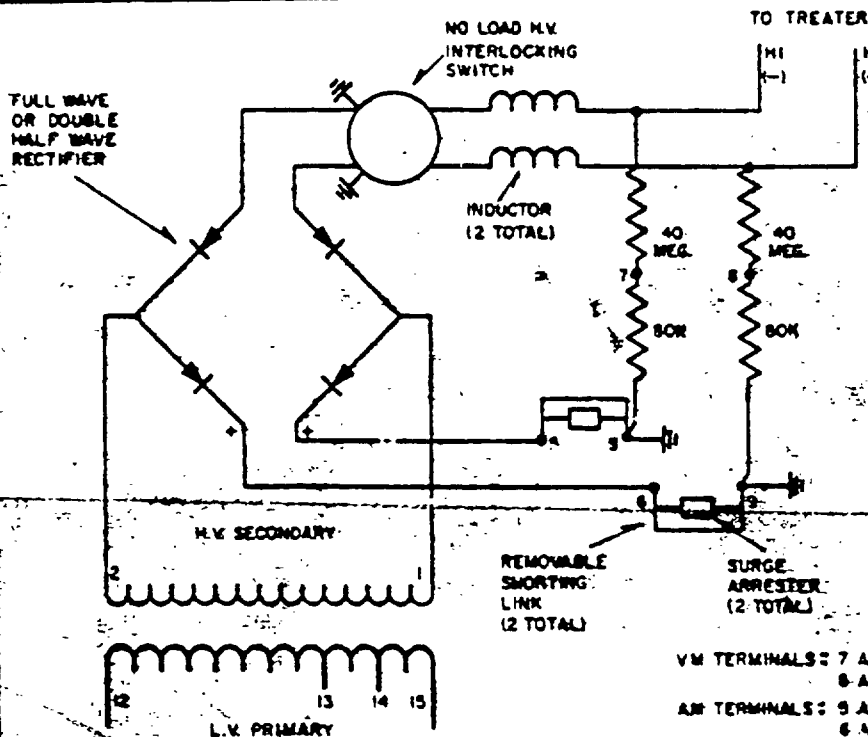
SILICON RECTIFIER
POWER UNIT
SINGLE PHASE
60 CYCLES CLASS 0A
45-060-101

TRANSFORMER
94 KVA
LV. 400 H.V. 52500
PRIMARY 235 AMPS
FULL LOAD CONTINUOUSLY
45°C. RISE
SUBTRACTIVE POLARITY

SERIAL IMPEDANCE 8.8 % GALLONS OIL 140

APPROX. WT. IN LBS. TRANS. & RECTIF. 650 CASE 650 OR 1055 TWTM 2355

MADE IN U.S.A. WESTINGHOUSE ELECTRIC CORPORATION 188P206H01



CONNECTIONS				
PRIMARY INPUT			AVERAGE D.C. OUTPUT	
VOLTS	AMPS	LEADS	VOLTS	MA
400	235	12-13	45000	1500
460	204	12-14		
520	181	12-15		

TERMINALS IN JUNCTION BOX	
15	12
10	13
7	8

PEAK SURGE CURRENT BY MAXIMUM SHORT CIRCUIT CURRENT MUST NOT EXCEED 15 AMPERES FOR 10 CYCLES.
PRIMARY CIRCUIT MUST NOT BE OPENED OR CLOSED UNLESS TREATER IS CONNECTED IN CIRCUIT.
TANK MUST BE SECURELY GROUNDED BEFORE CONNECTING INTO CIRCUIT.

ALL STEEL PARTS 304 STAINLESS STEEL 316L - COIN (PICK) - ETCHING - BRASS WITH BRASS PLATING
WARRANTY 24 MONTHS
F.C. CAR 1000
WESTINGHOUSE ELECTRIC CORPORATION
PITTSBURGH, PA. 15224
MADE IN U.S.A.

J. LABODA
692-7756

Westinghouse

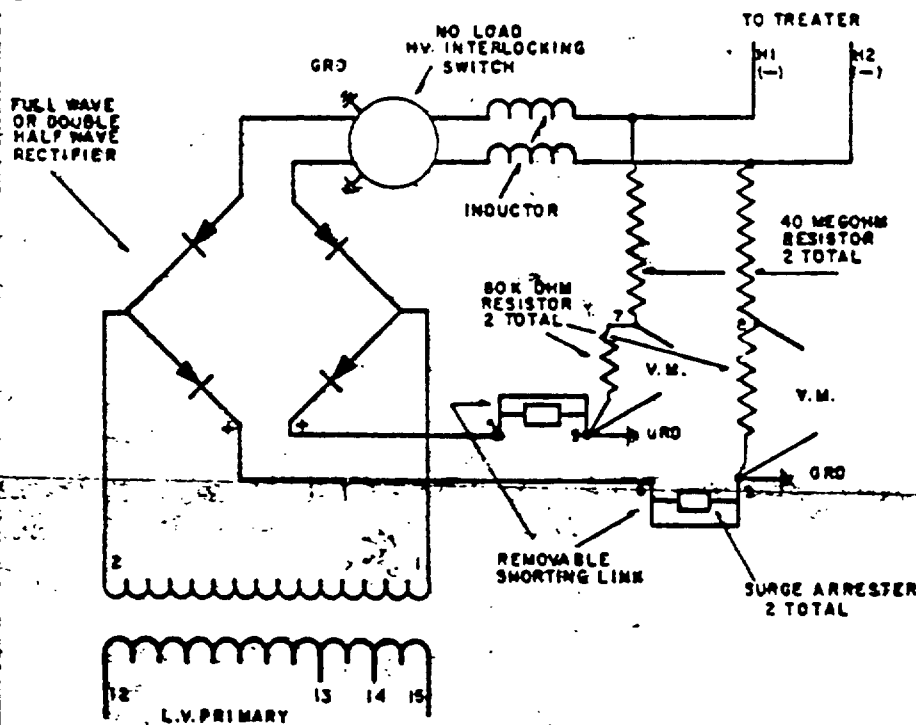


RECTIFIER
FULL WAVE
AVERAGE D.C. OUTPUT
1150 MILLIAMPERES
45000 VOLTS
PEAK INVERSE
VOLTS 75000

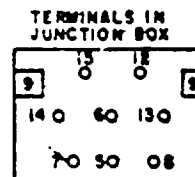
SILICON RECTIFIER
POWER UNIT
SINGLE PHASE
60 CYCLES CLASS 0A
I.B. 45-060-101

TRANSFORMER
75 KVA
LV. 400 H.V. 53300
PRIMARY 184 AMPS
FULL LOAD CONTINUOUSLY
45°C. RISE
SUBTRACTIVE POLARITY

SERIAL IMPEDANCE 7.1 %
 APPROX. WT. IN LBS. TRANS. & RECTIF. 650 CASE 605 OR 1020 TOTAL 2275
 GALLONS OIL 135
 MADE IN U.S.A. WESTINGHOUSE ELECTRIC CORPORATION 189 P 379 H01



CONNECTIONS				
PRIMARY	INPUT	AVERAGE D.C. OUTPUT		
VOLTS	AMPS	LEADS	VOLTS	MA
400	184	12-13	45000	1150
480	160	12-14		
520	142	12-15		



PEAK SURGE CURRENT OR MAXIMUM SHORT CIRCUIT CURRENT MUST NOT EXCEED 1 AMPERE FOR 10 CYCLES.
 PEAK SURGE CURRENT MUST NOT BE OPENED OR CLOSED BEFORE TREATMENT IS COMPLETED.
 TANK MUST BE SECURELY GROUNDED BEFORE CONNECTING INTO CIRCUIT.

21526

302 STAINLESS STEEL 40240 SATIN FINISH ETCHED FILLED WITH BLACK ENAMEL
 REMOVED TO 5" X 5" PROPORTION 24" AREA 40.95 IN.
 S. B. BARON & CO. ASSEMBLY CO. CHICAGO, ILL.

Westinghouse

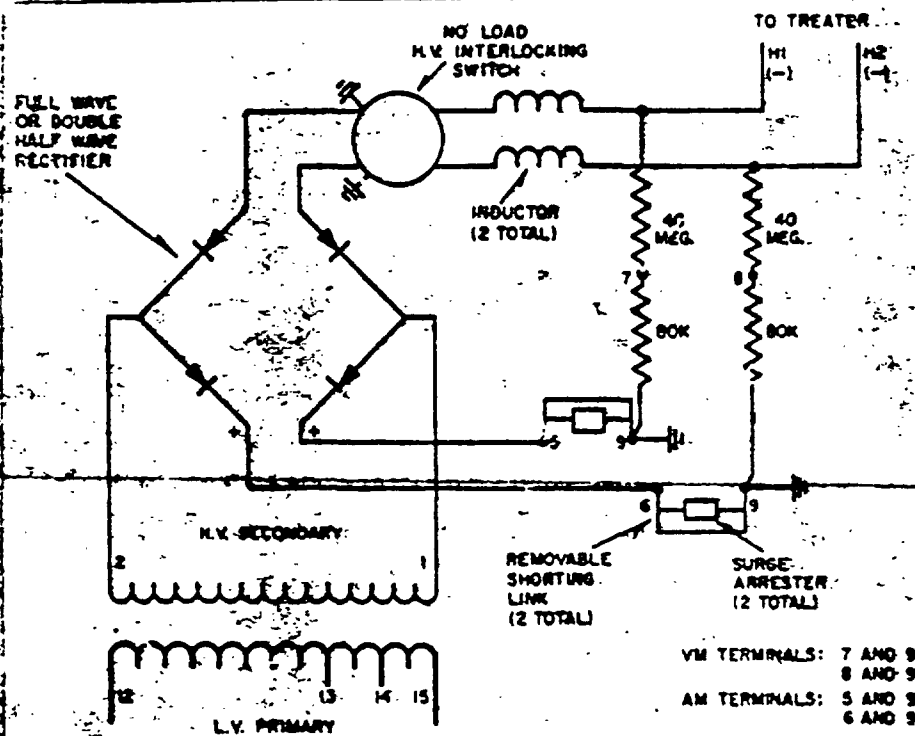


RECTIFIER
FULL WAVE
 AVERAGE D.C. OUTPUT
850 AMPERES
45000 VOLTS
 PEAK INVERSE
 VOLTS 75000

SILICON RECTIFIER
POWER UNIT
SINGLE PHASE
 60 CYCLES CLASS 0A
 45-060-101

TRANSFORMER
54-KVA
 LV. 400 V. 53300
 PRIMARY 136 AMPS
 FULL LOAD CONTINUOUSLY
 45°C. RISE
 SUBTRACTIVE POLARITY

IMPEDANCE **7.4 %** GALLONS OIL **130**
 APPROX. WT. IN LBS. TRANS. & RECT. **650** ORSE **590** = **985** TWM **2225**
 MADE IN U.S.A. WESTINGHOUSE ELECTRIC CORPORATION 188P207H01-A



CONNECTIONS					
PRIMARY INPUT			AVERAGE D.C. OUTPUT		
VOLTS	AMPS	LEADS	VOLTS	MA	
400	136	12-13	45000	850	
460	118	12-14			
520	104	12-15			

VM TERMINALS: 7 AND 8
 8 AND 9
 AM TERMINALS: 5 AND 6
 6 AND 9

TERMINALS IN JUNCTION BOX			
9	130	120	9
140	60	130	
70	50	80	

PEAK SURGE CURRENT OR MAXIMUM SHORT CIRCUIT CURRENT MUST NOT EXCEED 15 AMPERES PER 10 CYCLES.
 PRIMARY CIRCUIT MUST NOT BE OPENED OR CLOSED UNLESS TREATER IS CONNECTED IN CIRCUIT.
 TAPER MUST BE SECURELY GROUNDING BEFORE CONNECTING INTO CIRCUIT.

21527

303 STAINLESS STEEL #3040—SAFETY FINISH—ETCHED—FILLED WITH BAKED BLACK ENAMEL
 DIMENSIONS IN INCHES
 1/2" DIA. HOLES FOR 1/4" DIA. BOLTS
 1/2" DIA. HOLES FOR 1/4" DIA. BOLTS
 1/2" DIA. HOLES FOR 1/4" DIA. BOLTS

NOTE: Vibrator Timing System Comprised of Cam Timer Sequencing and Control.

6.1 Start-up.

6.1.1 Rapper or vibrator activation.

6.1.1.1 Close circuit breaker, CB1, to supply power to the rapper or vibrator timing circuit. The red pilot light, PL1, will illuminate, indicating the circuit is energized.

6.1.1.2 Close circuit breakers, CB2 thru CB7, to supply power to the vibrator or rapper sequencing, control and power circuit.

6.1.1.3 Activate the control and power circuits by means of push-button stations, ST1 thru ST6. The green pilot lights, PL2 thru PL7, will illuminate to indicate which set of rappers or vibrators is in operation.

6.2 Vibrator or rapper adjustments.

6.2.1 Impact intensity adjustment.

6.2.1.1 Initially set the rappers or vibrators for a minimum of impact energy.

6.2.1.2 Adjust the impact by means of the rheostats, RH1 thru RH6, to allow optimum removal of dust from collecting surfaces without reduced collecting efficiency.

6.2.2 Adjustment of vibrator rapper cycle parameters.

6.2.2.1 The panel is factory pre-set with the proper cycle time and rapper or vibrator "on" time.

6.2.2.2 If cycle time needs to be changed, spare gears are provided with the panel. "On" time varies with the length of the detent on each individual cam and is equal to a percentage of the total cycle time. Varying the detent varies the "on" time.

CAUTION: The suggested "on" time for vibrators is 5 seconds or less. Do Not Exceed 10 Seconds.

MADE BY:

DATE:

APPROVED:

REVISIONS:



AMERICAN Standard

DETROIT 22, MICHIGAN