

Model	Voltage Range	Specifications				Regulation (Taps 2-5)				Taps				Min. Safe Current (see note)	Heat Rise on Plate Transf. (see note)	Nothofer Plate Transf. No.					
		Volt.	Min. I	Max. I	Reg. %	I	V	I	V	%	1-2	2-3	4-5				5-6	Inter-phase	Oscill.	I	°C
A	+550	+260	270	23	31	±5	23	280	31	276	0.7	2	5	8	5	0.1	---	31	47	2001	
B	+285	+150	135	6	10	±5	6	139.3	10	136	1.2	2	2	4	4	0.7	---	10	37	2000	
C	+150	+110	40	0.2	9	±2 1/2	0.3	48.4	9	47.4	1.	2	1.5	4	4.5	0.2	---	9	30	1961	
D	+110	+75	35	3	15	±2 1/2	3	38	15	34.9	4.1	1	3/4	3 1/4	2 1/4	0.2	---	15	21	1966	
E	+75	+20	55	0.3	13	±2 1/2	1.7	56.7	13	55.1	1.4	1.5	1	3.5	3.5	0.3	---	13	27	1967	
F	+110	-85	195	0.4	19.2	±2 1/2	0.4	201	19.2	187.3	3.4	3	3	6	6	0.15	---	19.2	45	1874	
G	+100	-150	250	2.3	6	±2 1/2	2.3	246	6	240.1	1.2	2	2	6	8	0.7	---	6	33	1974	
H	+50	-130	160	2	25	±2 1/2	2	198	25	188.3	2.5	1	1	6	6	0.5	---	25	41	1975	
I	+25	-180	205	18.5	38.4	±5	18.5	213.5	38.4	210.1	0.8	4	2	6	8	0.5	---	38.4	38	1937B	
J	-125	-180	55	3.5	5.5	±2 1/2	3.5	54.6	5.5	53.1	1.4	1.5	1.5	3	3	0.3	---	5.5	18	1977	
K	-200	-235	35	0.2	10	±2 1/2	1	38	10	34.9	4.1	1	1	5	4	0.2	---	10	19	1981	
L	-235	-235	60	9	19.2	±2 1/2	9.1	59.5	19.2	58.3	0.9	1	2	4	3	---	0.4	19.2	33	1982	
M	-235	-360	65	18	32	±2 1/2	16	66.1	32	63	2.2	1	1/2	2.5	1.7	---	2.0	32	41	1941	
N	-360	-450	90	14	28	±2 1/2	14	97	29	92.4	2.4	1.5	1	4.5	3	---	2.0	29	30	1983	
O	-450	-555	105	0.5	6	±2 1/2	1	114.3	6	110.5	1.7	1	1	3.5	4	0.2	---	6	20	1986	
P	-290	-475	185	3	10	±2 1/2	3	187.3	10	141	1.7	1	3	6	4	0.3	---	10	44	1944	
Q	-240	-320	80	1	5	±2 1/2	1	84.9	5	82.8	1.2	2	2	3	3.5	0.15	---	5	19	1987	
R	+20	-40	60	0.1	4	±2 1/2	1	63	4.2	61	1.6	1	3/4	5	3	---	---	4.2	16	1995	
S	-130	-175	45	0.1	4	±2 1/2	2	48.5	5	46.8	1.8	1.5	0.5	2.5	3	0.2	---	5	12.5	1999	
T	+225	0	2.5	0.2	5	±5	1	236	9	230	1.3	2	2	6	6	0.3	---	9	26	1996	
U	-120	-345	225	0.1	2	±5	0.1	228	2	222	1.3	1.5	2	7	6	0.07	---	2	24	1948	
V	+55	0	55	0.6	30	±5	0.6	57.3	30	52.5	4.2	1.5	2	6	3	0.15	---	30	34	2002	
W	+200	+20	180	4.5	7.5	±5	4.5	176	7.5	174	0.6	2	2	6	5	0.25	---	7.5	28	2093	
X	-180	-280	20	0.1	4.5	±2 1/2	2	21.8	6.5	19.8	4.6	1	1	6	4.5	0.6	---	6.5	15	1952	
Y	+20	0	20	0.2	7	±2 1/2	2	21.8	9	19.2	6	1	1	6	4.5	---	1.6	9	17	1952	
AA	-555	-620	65	1	25	±2 1/2	1	68.1	2.5	67.1	0.7	1	1	4	3.5	0.2	---	2.5	13	1984	
BB	-520	-815	135	3	5	±5	3	197	5	194.5	0.6	2	2	6	5	0.25	---	5	31.5	1985	
CC	-725	-920	195	1	2.5	±2 1/2	1	198	2.5	195.5	0.6	2	2	6	6	0.25	---	2.5	17	1935	
Z	-85	-115	30	0.050	0.051	±2%															SPECIAL TRANSFORMER #2027 (SEE NOTE)

Additional Replacement Units			Filament Transformers			
Nothofer No.	Type	Used With	No.	Wattage	Nothofer No.	Used With
1871	Choke	F	1	100	1951	G, J, O, Q, R, S, U, W, X, AA, BB, CC.
1872	Inter.	F	2	150	1956	B, C, D, E, K, L, P, Y.
1938	Inter.	A, I	1	360	1939	A, P, H, I, M, N, T, V.
1940	Choke	T				
1942	Inter.	H, N, V.				
1943	Choke	A, N, M, N.				
1945	Inter.	G, D, E, J, K, L, Y.				
1946	Inter.	C, R, S, X, AA.				
1947	Inter.	U				
1949	Choke	U				
1953	Choke	C, D, K, L, O, W, Y.				
1954	Choke	I				
1959	Inter.	B, G, O, P, T, H.				
1960	Inter.	H				
1965	Choke	C, T, Q, R, S, X, AA, BB, CC.				
1989	Choke	E				
1990	Choke	H, P.				
2006	Inter.	BB, CC.				
2057	Choke	T				

* For tap voltages see card attached to each transformer. Heat rise on 1939 is 20°C; on 1956 is 20°C and on 1951 is 15°C.

Note: All units are insulation tested at 2000 volts. Heat rise was measured in the space between the coils of each plate transformer. *Minimum safe current* is that current through the load at which, either the interphase transformer ceases to function properly, or oscillation takes place in the voltage across the load, whichever occurs at the larger value of current.

TRANSFORMER #2027
ONE COIL PRIMARY - ±2 1/2% TAPS ON ONE END OF COIL
TWO COIL SECONDARY - 1-75 VOLT CENTER TAPPED COIL,
1-5.0 VOLT CENTER TAPPED FIL. COIL

REVISIONS
Z: SUPPLY ADDED
P. McManis 3-16-48
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POWER SUPPLY REPLACEMENT PARTS TEST DATA

MATERIAL	FINISH	SCALE
Drawn by: C. SHEARMAN 12-10-45	Checked by: E. J. McManis 12-8-46	Approved by: PX13-116