PHILIPS
RADIO

Taschenbuch

der Empfänger-, Gleichrichter- und Regulatorröhren der Konkurrenz.

(2. Auflage. August 1930)

Pocket-book

of competing makes of receiving and rectifying valves and resistance lamps.

(2nd edition. August 1930)

Livret

des lampes réceptrices et des tubes redresseurs et régulateurs de la concurrence.

(2ième édition. Août 1930)

Manual

de las válvulas receptoras y rectificadoras y de las lámparas reguladoras de la competencia.

(2a edición. Agosto de 1930)

Nur für internen Gebrauch!

For use by the staff only!

Exclusivement à l'usage du personnel!

¡Exclusivamente para el uso de los oficiales!

Dieses Taschenbuch enthält Tabellen für den Vergleich von Empfänger-, Gleichrichter- und Regulatorröhren der Konkurrenz mit unseren Typen.

Die Röhren der Konkurrenz werden in numerischer und alphabetischer Reihenfolge aufgezählt.

This booklet contains tables for comparing the competing makes of receiving and rectifying valves and resistance lamps with our own types.

The competing types are indicated in numerical and alphabetical order.

Ce livret contient des tableaux, pour la comparaison avec nos types, des lampes réceptrices et des tubes redresseurs et régulateurs de la concurrence.

Les types de la concurrence sont mentionnés dans l'ordre numérique et alphabétique.

Esta publicación contiene tablas para la comparación de válvulas receptoras y rectificadoras y de lámparas reguladoras de la competencia con nuestros tipos.

Los tipos de la competencia se mencionan por orden numérico y alfabético.

Sämtliche amerikanischen Röhrenfabrikanten stellen Röhren her, die genau dieselben Daten haben, wie die R.C.A.-Röhren. Auch sind die zwei letzten Ziffern der Typenbezeichnungen für entsprechende Röhren verschiedener Marken gleich, z.B.: Triad T 50 = R.C.A. UX-250.

Darum sollen für amerikanische Röhren immer die Seiten 86 und 87 nachgeschlagen werden, ausgenommen für:

Ceco, Cunningham, De Forest und **Sonatron**, deren Bezeichnungen mehr oder weniger eine Ausnahme bilden. Diese Marken sind normal aufgenommen.

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All the American valve-manufacturers make valves which have exactly the same characteristics as those of the R.C.A. Moreover, in the type designations the two last figures are alike for corresponding types of different makes, e.g.: Triad T-50 = R.C.A. UX-250. Therefore, always refer to pages 86 and 87 for American valves, except for:

Ceco, Cunningham, De Forest and **Sonatron**, whose designations are more or less exceptions to this rule. These makes figure normally in the book.

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Tous les fabricants de tubes américains produisent des tubes dont les caractéristiques sont identiques à celles des tubes R.C.A. De plus les deux derniers chiffres de la désignation sont égaux pour des tubes correspondants de marques différentes, par exemple:

Triad T-50 = R.C.A. UX-250. Pour cette raison, consultez toujours les pages 86 et 87 pour les tubes américains, sauf:

Ceco, Cunningham, De Forest et **Sonatron**, dont les désignations constituent plus ou moins une exception. Ces marques figurent normalement dans le livre.

Todos los fabricantes americanos de válvulas, producen válvulas cuyas características son idénticas a las de las válvulas R.C.A. Además, las dos últimas cifras de la designación son iguales para las válvulas correspondientes de marcas diferentes; por ejemplo: Triad T-50 = R.C.A. UX-250. Por esta razón, consultat siempre las páginas 86 y 87 para las válvulas americanas, salvo:

Ceco, Cunningham, De Forest y Sonatron, cuyas designaciones constituyen *más o menos* una exceptión. Estas marcas figuran normalmente en el libro.

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Beispiel — Example — Exemple — Ejemplo

COSSOR (Gr. Br.)

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Cossor	PHILIPS		
M. 41 H.F. = —	E 438 $\left\{\begin{array}{l} 1)\ E\ 435 \\ 2)\ E\ 415 \end{array}\right.$ — —	E 442 E 424	
M. 41 L.F. = E 415	E 424		

Equivalente exacto — Exact equivalent — Exact equivalent — Genaues Äquivalent

	besser	noch besser	am besten
	better	still better	the best
	meilleur	encore meilleur	le meilleur
	mejor	aún mejor	óptimo

1) = Hochfrequ. - High freq. - Haute fréq. - Alta frec.
2) = Audion - Detector - Détectrice - Detectora.
3) = Niederfrequ. - Low freq. - Basse fréq. - Baja frec.
4) = Widerstandskopplung - Resistance capacity coupling - Couplage basse fréq. à résistances - Acoplo baja frec. por resistencia.
5) = Endröhre - Power valve - Lampe de sortie - Válvula para altavoz.
6) = Zwischenfrequ. - Intermediary freq. - Moyenne fréq. - Media frec.

Namen der Länder - Names of the countries
Noms des pays - Nombres de los países

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Čz. = Tschechoslowakei - Czecho-Slovakia - Tchécoslovaquie - Checoeslovaquia.

Dld. = Deutschland - Germany - Allemagne - Alemania.

Esp. = Spanien - Spain - Espagne - España.

Fr. = Frankreich - France - Francia.

Gr. Br. = England - Great Britain - Angleterre - Inglaterra.

It. = Italien - Italy - Italie - Italia.

Mag. = Ungarn - Hungary - Hongrie - Hungria.

Holl. = Holland - Hollande - Holanda.

Öst. = Österreich - Austria - Autriche - Austria.

U.S.A. = Vereinigte Staaten - U.S.A. - Etats-Unis - Estados Unidos.

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Castilla Radio Sol		PHILIPS
4 A F.	= A 409	A 415
4 A.A F.	= A 435	A 442
4 B F.	= B 406	B 409 — B 405 — B 443
4 B.F.F.	= B 405	B 443
4 D.	= A 415	-
4 D.R.	= A 441	
4 G.A.F.	= A 442	
4 G.B F.	= B 443	
171	= C 603	C 643
201-A	= C 509A	A 609 — A 615
Λ 4 A F.	= E 438	
Λ 4 B.F.	= B 405	B 443
Λ 4 D.	= E 415	E 424
A 4 G.A.F.	= E 442	
A 4 G.B.F.	= C 443	
A.F.	= A 425	1) A 435 — A 442
A.F. 1	= —	Λ 425 -1) A 435 — A 442
B F.	= —	A 409 — A 415
B F F.	= B 406	B 409 — B 405 — B 443
C 303B	= B 403	B 405 — B 443
C 306A	= —	A 409 — Λ 415
C 305B	= B 406	{ 2,3) A 415
		{ 5) B 409 — B 405 — B 443
C 309A	= —	A 409 — A 415
C 325A	= A 425	
CA-171	= C 603	C 643
CA-201-A	= C 509A	A 609 — A 615
CA-226	= F 109A	
CA-227	= F 209A	
CX-171	= C 603	C 643
CX-201-A	= C 509A	A 609 — A 615
D	= A 410	{ 1) A 425 — A 435 — A 442 ; { 2,3) A 409 — A 415
D 1	= A 410	{ 1) A 425 — A 435 — A 442 ; { 2,3) A 409 — A 415
TA-0	= —	{ 1) A 425 — A 435 — A 442 ; { 2,3) A 415
TA-1	= —	A 209
CA-224	= F 242	D 243
CA-245	= F 203	
CA-250	= F 704	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Castilla Radio Sol	PHILIPS	Castilla Radio Sol	PHILIPS
R 280	= 1560		
R 1054	= 506		
R 1503	= 1201		
VR 2	= 505		
VR 4	= 506		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Ceco		PHILIPS
01-B	= —	A 609 — A 615
A	= C 509A	A 609 — A 615
AC-22	= —	E 442
AC-24	= F 242	
AX	= C 509A	A 609 — A 615
B	= A 306F	
BX	= A 306	
C	= A 306	
E	= A 303	
F	) =	
F-12	= C 508	B 605 — C 603 — C 643
F-12-A	) =	
G	= —	A 630
H	= —	A 615
J-71	(=	
J-71-A	(= C 603	C 643
K	= —	A 630 — A 615 — A 642
L-10	= F 708	
L-45	= F 203	D 243
L-50	= F 704	
M-26	= F 109A	
N-27	= F 209A	
N-409	= —	A 409 — A 415
RF-22	= B 342	
S-406	= —	B 406 — B 409 — B 405 — B 443
T-403	= —	B 403 — B 405 — B 443
X-410	= —	A 410 — A 425 — A 435 — A 442

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Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Ceco	P H I L I P S	Ceco	P H I L I P S
R-80 == 1560			
R-81 == 1562			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Cleartron			PHILIPS
210 H.F.	=	—	⎰ 1) A 225 — A 235 — B 242 ⎱ 3) A 209
210 L.F.	=	A 209	
210 R.C.	=	—	A 225
215 S.G.	=	B 242	
215 P.	=	B 205	B 203 — C 243
225 S.P.	=	—	B 203 — C 243
410 H.F.	=	—	⎰ 1) A 425 — A 435 — A 442 ⎱ 3) A 409 — A 415
410 L.F.	=	—	A 415
410 P.	=	B 406	B 409 — B 405 — B 443
410 R.C.	=	—	A 425
410 S.G.	=	Λ 442	
415 S.P.	=	—	B 403 — B 405 — B 443
610 H.F.	=	—	⎰ 1) A 630 — A 635 — A 642 ⎱ 3) A 609 — A 615
610 L.F.	=	—	A 615
610 P.	=	—	B 605 — C 603 — C 643
610 R.C.	=	—	A 630
610 S.G.	=	A 642	
620 S.P.	=	B 605	C 603 — C 643
CT 08	=	A 306	
CT 08x	=	A 303	
CT 10	=	—	A 409 — Λ 415
CT 10h	=	—	A 425
CT 10x	=	—	B 406 — B 409 — B 405 — B 443
CT 15	=	—	A 209
CT 15x	=	B 205	B 203 — C 243
CT 25	=	C 509A	A 609 — A 615
CT 25b	=	—	Λ 630
CT 25x	=	B 605	C 603 — C 643
CT 199	=	A 306	
CT 201A	=	C 509A	A 609 — A 615
CT 215h	=	—	Λ 225

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Cosmos Met-Vickers			P H I L I P S
AC 227	=	F 209A	
AC/G	=	—	E 438 { 1) E 435 — E 442 / 2,3) E 415 — E 424
AC/P2	=	E 408	E 408N - E 443N
AC/R	=	E 409	B 443
AC/S	=	E 442	
AC/X	=	—	E 415 — E 424
DE 11	=	A 106	{ 2) A 109 / 3) B 105
DE 50	=	—	A 609 — A 615
DE 55	=	—	A 609 — A 615
SP 16/B	=	—	A 225 -1) A 235 — B 242
SP 16/G	=	—	A 209
SP 16/R	=	—	A 209
SP 18/B	=	—	A 225 -1) A 235 — B 242
SP 18/G	=	—	A 209
SP 18/R	=	—	B 205 — B 203 — C 243
SP 18/RR	=	B 205	B 203 — C 243
SP 20/PA1	=	—	B 203 — C 243
SP 50/B	=	—	A 630 -1) A 635 — A 642
SP 50/R	=	B 605	C 603 — C 643
SP 55/B	=	—	A 630 -1) A 635 — A 642
SP 55/R	=	B 605	C 603 — C 643
SP 215/S	=	B 242	{ 1) A 635 — A 642 / 4) A 630
SP 610/B	=	—	
SP 610/G	=	—	A 615
SP 610/RR	=	—	C 643
SP 625/P1	=	--	B 605 — C 603 — C 643

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Cosmos Met-Vickers	P H I L I P S	Cosmos Met-Vickers	P H I L I P S
SP 41/U = 373			
SP 42/U = 506			
SP 43/U = 505			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Cossor			PHILIPS
2 G 4	=	A 441N	
82 M.D.	=	—	C 125
88 M.H.F.	=	—	C 125 — C 135 — C 142
88 M.L.F.	=	—	C 109
88 M.P.	=	—	D 105 — D 143
88 M.R.C.	=	—	C 125
88 M.S.G.	=	—	C 142
210 H.F.	=	—	A 225 — A 235 — B 242
210 L.F.	=	—	A 209
210 R.C.	=	—	A 225
215 P.	=	—	C 243
215 S.G.	=	B 242	
220 P.	=	—	B 203 — C 243
220 S.G.	=	B 242	
230 P.	=	B 203	C 243
230 P.T.	=	C 243	
230 Q.T.	=	C 243	
230 X.P.	=	B 203	C 243
410 H.F.	=	—	⎰ 1) A 425 — A 435 — A 442 ⎱ 2) A 409 — A 415
410 L.F.	=	—	A 415
410 P.	=	B 409	B 405 — B 443
410 R.C.	=	—	A 425
410 S.G.	=	—	A 442
415 P.T.	=	—	B 443
415 Q.T.	=	—	B 443
415 S.P.	=	B 405	B 443
415 X.P.	=	B 405	B 443
610 H.F.	=	—	⎰ 1) A 630 — A 635 — A 642 ⎱ 2) A 609 — A 615
610 L.F.	=	—	A 615
610 P.	=	—	B 605 — C 603 — C 643
610 R.C.	=	—	A 630
610 S.G.	=	A 642	
610 X.P.	=	B 605	C 603 — C 643
615 P.T.	=	C 643	
M. 41 H.F.	=	—	E 438 ⎰ 1) E 435 — E 442 ⎱ 2) E 415 — E 424
M. 41 L.F.	=	E 415	E 424
M. 41 P.	=	—	C 443
M. 41 R.C.	=	E 438	
M. 41 S.G.	=	—	E 442
M. 41 S.P.	=	—	B 405 — E 409 — B 443

Cossor		PHILIPS
M. 41 X.P.	= —	C 405 — C 443
M.H.F.	= —	E 438 { 1) E 435 — E 442 2) E 415 — E 424
M.L.F.	= E 415	E 424
M.P.	= —	C 443
M.R.C.	= E 438	
M.S.G.	= —	E 442
M.X.P.	= —	C 405 — C 443
P 1	= E	1) A 410 — A 425 — A 435 — A 442 2,3) A 409 — A 415
P 3	= C 509A	A 609 — A 615
41M X P/A	= —	E 406
210 HL	= A 225	
425 XP	= —	C 443

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Cossor	P H I L I P S	Cossor	P H I L I P S
44 SU	= 373		
412 BU	= 506		
412 SU	= 505		
408 BU	= 1801		
506 BU	= 1821		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Cunning-ham		PHILIPS
C-11	= —	B 105
C-299	= A 306F	
C-324	= F 242	
C-327	= F 209A	
CX-12	= —	B 105
CX-112	= C 508	B 605 — C 603 — C 643
CX-112-A	= C 508	B 605 — C 603 — C 643
CX-220	= A 303	
CX-299	= A 306	
CX-300-A	= —	A 615
CX-301-A	= C 509A	A 609 — A 615
CX-310	= F 708	
CX-322	= B 342	
CX-326	= F 109A	
CX-340	= —	A 630
CX-345	= F 203	D 243
CX-350	= F 704	
CX-371	= C 603	C 643
CX-371-A	= C 603	C 643

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Cunning-ham	P H I L I P S	Cunning-ham	P H I L I P S
CX-313 = 1560		C-376 = 1938	
CX-316-B = 1562			
CX-380 = 1560			
CX-381 = 1562			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Cyrnos		PHILIPS
A 1005	= A 410	⟩ 1) A 425 — A 435 — A 442 ⟨ 2,3) A 409 — A 415
A 1404	= —	A 425 — A 435 — A 442
A 2403	= —	A 435 — A 442
A 15008	= A 442	
AI 620	= —	C 405 — C 443
AI 1212	= —	⟩ 1) E 438 — E 435 — E 442 ⟨ 2,3) E 415 — E 424
AI 15008	= —	E 442
AL 1025	= E 408	E 408N - E 443N
Ampli	= —	A 409 — A 415
B 712	= —	B 406 — B 409 — B 405 — B 443
B 1209	= —	A 409 — A 415
Bigrille	= A 441	
C 520	= —	E 408N - E 443N
Micro 0.06	= A 410	⟩ 1,6) A 425 — A 435 — A 442 ⟨ 2,3) A 409 — A 415
TM	= E	A 410 — A 409 — A 415
TM 1003	= E	A 410 ⟩1,6) A 425 — A 435 — A 442 ⟨2,3) A 409 — A 415

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Cyrnos	P H I L I P S	Cyrnos	P H I L I P S
B 1 = 1801		W 15 = 329	
B 2 = 1560		W 20 = 452	
B 3 = 1801			
B 80 = 1561			
B 420 = 1801			
B 440 = 506			
B 480 = 1561			
B 520 = 1560			
B 540 = 1560			
B 565 = 1560			
M 440 = 505			
M 465 = 1832			
M 765 = 1562			
Super Valve = 505			
V 4 = ~~1000~~ 1801			
V 50 = 1562			
V 125 = 328			
V 210 = 1002			
Valve 4 V = ~~1800~~ 1802			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Delta Spanner			PHILIPS
D 05/2	=	—	B 203 — C 243
D 05/4	=	B 405	B 443
D 10/2	=	—	A 209
D 10/4	=	B 409	2,3) A 415
			5) B 405 — B 443
D 20/2	=	—	1,4) A 225 -1) A 235 — B 242
D 20/4	=	—	1,4) A 425 -1) A 435 — A 442
DV 26	=	—	A 109
DV 26/2	=	—	A 209
DV 26/4	=	—	A 409 — A 415
DV 26/W	=	—	A 125
DV 27	=	—	1,4) A 425 -1) A 435 — A 442
			2,3) A 415
DV 27/2	=	—	1,4) A 225 -1) A 235 — B 242
			2,3) A 209
DV 27/2H	=	—	1,4) A 425 -1) A 435 — A 442
			2,3) A 415
DV 27/4	=	—	A 409 — A 415
DV 27/4H	=	—	1,4) A 425 -1) A 435 — A 442
			2,3) A 415
DV 52/2	=	—	B 205 — B 203 — C 243
DV 52/4	=	B 406	B 409 — B 405 — B 443
Gigant	=	B 409	B 405 — B 443
K/AH	=	—	C 109
K/N	=	—	D 105 — D 143
L/AH	=	—	E 415 — E 424
L/N	=	—	C 405 — C 443

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Eagle		PHILIPS
A 206	=	—
		⎰ 1) A 225 — A 235 — B 242
		⎱ 2,3) A 209
E 2 P	=	B 205
E 2 PP	=	B 203
E 4 P	=	B 405
E 4 PP	=	B 403
E 6 P	=	B 605
E 205	=	A 209
E 205H	=	A 209
		B 203 — C 243
		C 243
		B 443
		B 405 — B 443
		C 603 — C 643
		A 225 — A 235 — B 242
E 206	=	—
		⎰ 1) A 225 — A 235 — B 242
		⎱ 2,3) A 209
E 206RC	=	A 225
E 210	=	A 209
E 404	=	—
E 404H	=	—
E 404W	=	—
E 406	=	A 409
		A 409 — A 413
		A 425 — A 435 — A 442
		A 425
		⎰ 1) A 425 — A 435 — A 442
		⎱ 2,3) A 415
E 406RC	=	A 425
E 408	=	—
E 410	=	A 409
E 415	=	A 415
		A 415
		A 415
		⎰ 1) A 630 — A 635 — A 642
E 606	=	A 609
		⎱ 2,3) A 615
E 606RC	=	—
Fr 12	=	—
He 6	=	A 409
		A 630
		A 425 — A 435 — A 442
		A 415
La 204	=	B 406
		⎰ 2) A 415
		⎱ 5) B 409 — B 405 — B 443
La 204c	=	—
La 230	=	—
		A 409 — A 415
		A 209
La 306	=	B 406
		⎰ 2,3) A 409 — A 415
		⎱ 5) B 409 — B 405 — B 443
La 306c	=	A 425
La 430	=	B 403
La 430c	=	A 409
La 430M	=	B 403
N 406	=	A 409
Na 4	=	—
Re 3	=	—
Th 5	=	—
		1) A 435 — A 442
		B 405 — B 443
		A 415
		B 405 — B 443
		A 415
		A 441
		A 425
		A 409 — A 415

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Eagle	PHILIPS	
130 H	= C 109	1) C 125 — C 135 — C 142
130 W	= C 125	
160 L	= D 105	D 143
210 A	= A 209	1) A 225 — A 235 — B 242
210 H	= —	A 225 -1) A 235 — B 242
210 W	= A 225	1) A 235 — B 242
215 L	= B 205	B 203 — C 243
407 A	= A 409	A 415
407 H	= —	A 409 — A 415
407 W	= A 425	1) A 435 — A 442
408 L	= B 406	B 409 — B 405 — B 443
410 A	= —	B 415
410 N	= A 409	A 415
410 W	= B 425	
415 A	= A 415	
415 L	= B 409	A 415
420 LL	= B 403	B 405 — B 443
430 K	= —	C 443
475 K	= —	E 408N — E 443N
WG 41	= E 415	E 424
WG 42	= E 424	
WG 43	= E 438	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Eagle	PHILIPS	Eagle	PHILIPS
EG 407	= 1802		
EG 415	= 1802		
EG 430	= 1802		
EG 460	= 505		
EG 4100	= 505		
FR 2	= 506		
GG 3	= 1702		
GG 4	= 328		
GG 25	= 1701		
VG 215	= 1201		
VG 401	= 2506		
VG 460	= 506		
VG 4100	= 1561		
VG 4200	= 1561		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Eclipse Lutèce Lumière		PHILIPS
2 G 412	= A 441N	
E 402	= C 405	D 404 — E 406
G 412	= —	A 415
H 430	= A 425	1) A 435 — A 442
L 408	= B 409	B 405 — B 443
P 403	= D 404	E 406
P 405	= B 405	B 443
S 205	= F 203	D 243
S 210	= F 209A	
S 215	= F 215	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Eclipse Lutèce Lumière	P H I L I P S	Eclipse Lutèce Lumière	P H I L I P S
41	= 1800 *1802*		
420	= 1801		
B 207	= 1201		
B 507	= 1560		
M 730	= 1562		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Ediswan		PHILIPS
·8 G 17	=	—	⎫ 1) C 125 — C 135 — C 142 ⎬ 2) C 109
·8 P 5	=	—	D 105 — D 143
5 E 225	=	C 243	
5 E 415	=	B 443	
AR (HF)	=	E	⎫ 1) A 410 — A 425 — A 435 — A 442 ⎬ 2,3) A 409 — A 415
AR 06 HF	=	A 410	
AR 06 LF	=	A 306	
AR DE (HF)	=	—	A 225 — A 235 — B 442
AR DE (LF)	=	—	A 209
BS 215	=	B 242	
DR 2	=	—	A 209
ES 5 HF	=	—	A 630 — A 635 — A 642
ES 5 LF	=	—	A 609 — A 615
GP 2	=	—	⎫ 1) A 235 — B 242 ⎬ 2,3) A 209
GP 4	=	A 410	A 425 — A 435 — A 442
HF 210	=	—	A 225 — A 235 — B 242
HF 410	=	A 425	A 435 — A 442
HF 610	=	A 630	1) A 635 — A 642
LF 210	=	—	A 209
LF 410	=	—	A 415
LF 410a	=	B 409	A 415
LF 610	=	—	A 615
MI 41 LF	=	E 415	E 424
MI 41 RC	=	—	E 438
PV 2	=	B 205	B 203 — C 243
PV 4	=	A 409	5) B 406 — B 409 — B 405 — B 443
PV 5 (DE)	=	C 509A	A 609 — A 615
PV 6 (DE)	=	—	B 205 — B 203 — C 243
PV 8 (DE)	=	A 306	5) A 303
PV 215	=	—	B 205 — B 203 — C 243
PV 225	=	—	B 203 — C 243
PV 410	=	B 406	B 409 — B 405 — B 443
PV 425	=	—	B 403 — B 405 — B 443
PV 610	=	B 605	C 603 — C 643
PV 625	=	—	B 605 — C 603 — C 643
PV 625A	=	C 603	C 643
PV 625X	=	C 603	C 643
R	=	E	⎫ 1) A 410 — A 425 — A 435 — A 442 ⎬ 2,3) A 409 — A 415
RC 2	=	—	A 225

Ediswan	PHILIPS ·		
RC 210	=	—	A 225
RC 410	=	—	A 425
RC 610	=	—	A 630
SG 215	=	B 242	
SG 410	=	A 442	
SG 610	=	A 642	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Ediswan	PHILIPS	Ediswan	PHILIPS
HU 235 = 1701		BU 200 = 329	
U 235 = 328			

DE FOREST — AUDION (U.S.A.)

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

De Forest Audion			PHILIPS
401-A	=	C 509A	A 609 — A 615
410	=	F 708	
412-A	=	C 508	B 605 — C 603 — C 643
420	=	A 303	
420A	=	A 303	
422	=	B 342	
422-A	=	B 342	
424	=	F 242	
426	=	F 109A	
427	=	F 209A	
440	=	—	A 630
445	=	F 203	D 243
450	=	F 704	
471 A	=	C 603	C 643
471 B	=	C 603	C 643
499	=	A 306	
DL 2	=	C 509A	A 609 — A 615
DL 3	=	A 306	
DL 4	=	C 509A	A 609 — A 615
DL 5	=	C 509A	A 609 — A 615
DL 7	=	C 508	B 605 — C 603 — C 643
DL 9	=	TB 04/10	
DL 14	=	C 603	C 643
DL 15	=	—	A 615
DV 3 A	=	A 306F	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
De Forest Audion	P H I L I P S	De Forest Audion	P H I L I P S
480	= 1560		
481	= 1562		
DR	= 1562		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Fotos Grammont		PHILIPS
309 = Microtriode		
320 = BF. 0		
406 = Radiofotos		
411 = BF. 1		
A 9	= A 410	⎫ 1) A 425 — A 435 — A 442 ⎬ 2,3) A 409 — A 415
A 25	= A 425	1) A 435 — A 442
B 9	= A 410 N	
B 25	= —	A 425
BD 100	= C 243	
BF. 0	= —	A 303
BF.1	= B 406	B 409 — B 405 — B 443
BF.2	= —	B 409 — B 405 — B 443
Bigrille Ampl.	= —	A 441
Bigr. Osc. 40 V	= —	A 441 N
Bigr. Osc. 80 V	= —	A 441 N
C 9	= A 409	A 415
C 25	= A 425	
C 150	= —	A 442
Continu	= —	B 415
D 5	= B 405	B 443
D 9	= B 409	B 405 — B 443
D 15	= A 415	
D 40	= A 425	
D 100	= B 443	
Détection	= —	A 409 — A 415
F 100	= C 443	
HF	= —	A 425 — A 435 — A 442
M 20	= —	A 441
M 40	= —	A 441 N
M 80	= —	A 441 N
MF	= —	A 425 — A 435 — A 442
Microtriode	= A 410	
MX 20	= —	A 441
MX 40	= —	A 441 N
MX 80	= —	A 441 N
P 10	= —	E 406
P 12	= —	C 443
Radiofotos	= A 410	⎫ 1) A 425 — A 435 — A 442 ⎬ 2,3) A 409 — A 415
Réseau Altern.	= —	F 109
Réseau Continu	= —	B 415
S 2	= F 209	

Fotos Grammont			PHILIPS
S 4	≡	—	E 415 — E 424
S 210	≡	F 209	
S 410	≡	—	E 415 — E 424
S 415	≡	E 415	
S 425	≡	—	E 438 — E 435 — E 442
S 440	≡	E 438	1) E 435 — E 442
S 2150	≡	F 242	
S 4150	≡	—	E 442
SM 4	≡	E 441	
Universel	≡	E	1) A 410 — A 425 — A 435 — A 442
			2,3) A 409 — A 415
Universel C	=	A 410	1) A 425 — A 435 — A 442
			2,3) A 409 — A 415
F 5	≡	D 404	
F 10	≡	—	E 406
S 415N	≡	E 415	E 424
S 440N	≡	E 438	1) E 435 — E 442
T 425	≡	E 424	
T 4150	≡	E 442S	
TM 4	≡	E 441	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.			Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Fotos Grammont		P H I L I P S	Fotos Grammont	P H I L I P S
E 0	=	~~1800~~ *1802*	Régulateur 1005 =	452
V 0	=	373	Régulateur 1201 =	1003
V 6	=	506		
V 6N	=	506		
V 12	=	1560		
V 20	=	506		
V 30	=	1560		
Valvgaz 1004	=	451		
Valvgaz 1200	=	1002		
Valvgaz 3006	=	1129		
W 6	=	1561		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Heussen			PHILIPS
A 2.06	=	—	A 209
A 4.06	=	A 409	A 415
E 2.12	=	B 203	C 243
E 4.10	=	B 405	B 443
H 2.06	=	—	A 225 — A 235 — B 242
H 4.06	=	—	A 425 — A 435 — A 442
HS 4.08	=	A 442	
N 2.06	=	—	A 209
N 4.06	=	—	A 409 — A 415
U 4.10	=	A 415	
W 2.06	=	—	A 225

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Heussen	P H I L I P S	Heussen	P H I L I P S
Duplotron $=$ 506 Simplotron $=$ 373			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Kremenezky Orion			PHILIPS
A 4	=	A 409	A 415
A 10	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
A 11	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
A 12	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
A 14	=	—	A 425 — A 435 — A 442
A 15	=	—	A 409 — A 415
A 16	=	—	A 409 — A 415
A 18	=	A 409	5) B 406 — B 409 — B 405 — B 443
A 19	=	B 406	B 409 — B 405 — B 443
A 20 Baby	=	—	1) A 225 — A 235 — B 242 / 2,3) A 209
A 21	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
A 22	=	—	A 425
A 23	=	—	2,3) A 409 — A 415 / 6) A 410 — A 425 — A 435 — A 442
A 24	=	B 406	B 409 — B 405 — B 443
A 25	=	B 403	B 405 — B 443
A 41	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
A 42	=	—	A 425
A 43	=	—	A 425
A 49	=	A 409	A 415
A 57	=	C509A	A 609 — A 615
A199	=	A 410	
B 9	=	A 441	
B 10	=	A 441	
B 11	=	A 441	
DG 4	=	A 441	
E 4	=	B 409	A 415
E 10	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
E 11	=	A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
E 14	=	—	A 425 — A 435 — A 442
E 15	=	—	A 409 — A 415
H 4	=	A 415	
L 4	=	B 405	B 443
L 24	=	B 406	B 409 — B 405 — B 443
L 43	=	B 443	
L 44	=	B 406	B 409 — B 405 — B 443

Kremenezky Orion		PHILIPS
LL 4	= D 404	E 406
LL 25	= B 403	B 405 — B 443
NA 4	= —	E 409 — E 415 — E 424
ND 4	= —	E 424
NDG 4	= E 441	
NH 4	= E 415	E 424
NS 4	= E 442	
NW 4	= E 438	
P 4	= E 406	
P 205	= A 409	} 3) A 415) 5) B 406 — B 409 — B 405 — B 443
P 207	= B 406	B 409 — B 405 — B 443
P 209	= A 409	} 3) A 415) 5) B 406 — B 409 — B 405 — B 443
P 211	= —	A 425
S 4	= A 442	
W 4	= A 425	
E 43	= ca. C 443	
H 100	= B 415	
L 103	= B 543	
S 100	= B 442	
W 100	= B 425	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Kremenezky Orion	P H I L I P S	Kremenezky Orion	P H I L I P S
GL 2.5/1.5	= 1201		
GL 4	= 1561		
GL 4/0.15	= ~~1818~~ 1802		
GL 4/0.30	= 1801		
GL 4/1	= 506		
GL 4/2	= 1561		
3032	= 1702	3072	= 1001
		3073	= 329

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Lissen		PHILIPS
H 210	= —	A 225 -1) A 235 — B 242
HL 210	= A 225	
L 210	= A 209	
P 220	= B 205	B 203 — C 243
PT 225	= C 243	
PT 240	= C 243	
PX 240	= B 203	C 243
SG 215	= B 242	
H 410	= —	A 435 — A 442
HLD 410	= A 425	
L 410	= A 415	
P 410	= B 409	B 405 — B 443
P 425	= —	B 443
PT 425	= —	C 443

| Gleichr.-Röhren - Rect. valves | | Reg.-Röhren - Res. lamps | |
| Tubes redr. - Válv. rect. | | Tubes rég. - Lámp. reg. | |
Lissen	P H I L I P S	Lissen	P H I L I P S
UU 41 = 1821			

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Loewe	P H I L I P S	Loewe	P H I L I P S
2 NG	$=$ 1201		
4 NG	$=$ 506		
6 NG	$=$ 1562		
8 NG	$=$ 1201		
10 NG	$=$ 373		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Lorenz	PHILIPS		
LA 408 = A 415			
LAJ 4100 = E 415	E 424.		
LH 206 = —	A 209		
LH 406 = A 409	A 415		
LH 406D = A 442			
LH 414 = A 409	} 1) A 425 — A 435 — A 442 } 2) A 415		
LH 415 = —	A 409 — A 415		
LHJ 4100D = —	E 442		
LL 215 = B 205	B 203 — C 243		
LL 413 = B 409	B 405 — B 443		
LL 415 = —	B 409 — B 405 — B 443		
LL 415D = B 443			
LL 435 = B 406	B 409 — B 405 — B 443		
LLK 160 = —	D 105 — D 143		
LU 206 = —	A 209		
LU 406 = A 410	} 1) A 425 — A 435 — A 442 } 2,3) A 409 — A 415		
LUJ 4110 = —	E 415 — E 424		
LUK 151 = —	C 109		
LV 90 = A 306			
LV 206 = A 209			
LV 215 = —	B 205 — B 203 — C 243		
LV 250 = A 303			
LV 406 = A 410	} 1) A 425 — A 435 — A 442 } 2,3) A 409 — A 415		
LV 415 = —	B 406 — B 409 — B 405 — B 443		
LW 205 = A 225			
LW 405 = —	A 425		
LWJ 4100 = E 438			
LWK 150 = —	C 125		

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Lorenz	P H I L I P S	Lorenz	P H I L I P S
LG 4150 = 506			

MARCONI — OSRAM — GECO (Gr.Br.)

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Marconi Osram Geco	=		P H I L I P S
BG 4	=	A 441	
D-8	=	—	C 125
DE 2 HF	=	—	A 225 — A 235 — B 242
DE 2 HF	=	—	A 209
DE 3	=	A 306	
DE 4	=	—	A 409 — A 415
DE 5	=	C 509A	A 609 — A 615
DE 5a	=	—	C 508 — B 605 — C 603 — C 643
DE 5b	=	—	A 630
DE 6	=	—	A 209
DE 7	=	—	A 241
DE 8 HF	=	—	A 630 — A 635 — A 642
DE 8 LF	=	A 609	A 615
DEH 210	=	—	A 235 — B 242
DEH 410	=	—	A 425 -1) A 435 — A 442
DEH 610	=	—	A 630 -1) A 635 — A 642
DEH 612	=	—	A 630 -1) A 635 — A 642
DEL 210	=	—	A 209
DEL 410	=	A 415	
DEL 610	=	A 615	
DEL 612	=	—	A 609 — A 615
DEP 215	=	B 205	B 203 — C 243
DEP 240	=	B 203	B 409 — B 405 — B 443
DEP 410	=	B 406	C 603 — C 643
DEP 610	=	—	A 209
DER	=	—	1) C 135 — C 142
H.8	=	—	4) C 125
H.210	=	—	A 225
H.410	=	—	A 425
H.610	=	—	A 630
HL-8	=	—	C 125
HL 210	=	—	A 225 -1) A 235 — B 242
HL 410	=	—	A 425 -1) A 435 — A 442
HL 610	=	—	A 630 -1) A 635 — A 642
KH 1	=	—	E 438 -1) E 435 — E 442
KL 1	=	E 409	1) E 438 — E 415 — E 424
KL1/ACR	=	E 409	2,3) E 438 — E 435 — E 442
L.210	=	A 209	1) A.225 — A 235 — B 242
L 410	=	A 415	
L 610	=	A 615	
M.H. 4	=	E 438	1) E 435 — E 442

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Marconi Osram Geco		PHILIPS	
M.H 4c	= E 438	1) E 435 — E 442	
M.HL 4	= E 415	E 424	
M.HL 4c	= E 415	E 424	
M.L 4	= E 409	B 443	
M.S 4	= E 442		
M.S. 4 C	= E 442		
P•8	= —	D 105 — D 143	
P 2	= —	C 243	
P.215	= B 205	B 203 — C 243	
P.240	= B 203	C 243	
P.410	= B 406	}	3) A 409 — A 415
P.425	= B 405	}	5) B 409 — B 405 — B 443
		B 443	
P.610	= B 605	}	3) A 609 — A 615
		}	5) C 603 — C 643
P.625	= —	C 643	
P.625A	= C 603	C 643	
PT•8	= D 143		
PT.235	= C 243		
PT.240	= C 243		
PT.425	= B 443		
PT.625	= C 643		
P.X. 4	= D 404	E 406	
P.X. 4C	= —	E 406	
S•8	= C 142		
S.215	= B 242		
S.410	= A 442		
S.610	= A 642		
S.625	= —	A 642	
H 2	= —	A 235 — B 242	
HL 2/c	= A 225		

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Marconi Osram Geco	P H I L I P S	Marconi Osram Geco	P H I L I P S
U 5	= 1560		
U 9	= 506		
U 9C	= 506		
U 10	= 1821		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Mars Elektra			PHILIPS
13	=	B 406	B 409 — B 405 — B 443
Amplio- tron A	=	—	A 409 — A 415
Amplio- tron D	=	—	A 409 — A 415
AS	=	E	⎰ 1) A 410 — A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
BS	=	E	⎰ 1) A 410 — A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
CS	=	E	⎰ 1) A 410 — A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
D	=	E	⎰ 1) A 410 — A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
DM	=	—	A 441
E 201 A	=	C509A	A 609 — A 615
G	=	A 410	⎰ 1) A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
L M	=	A 410	⎰ 1) A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
Micro	=	—	A 410 ⎰ 1) A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
O	=	A 410	⎰ 1) A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
R 14	=	—	A 410 ⎰ 1) A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
R 24	=	—	A 425
Radio Micro	=	A 410	⎰ 1) A 425 — A 435 — A 442 ⎱ 2,3) A 409 — A 415
Super	=	—	A 425
Ultra Micro	=	—	A 409 — A 415
US	=	—	B 406 — B 409 — B 405 — B 443
VH 11	=	—	B 205 — B 203 — C 243
X	=	—	A 425
ZN 1	=	—	E 415 — E 424

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Mars Elektra	P H I L I P S	Mars Elektra	P H I L I P S
U 1 = 1560			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Mazda B.T.H.		PHILIPS
215 SG	= B 242	
230Pen	= C 243	
425 Pen	= B 443	
AC/HL	= —	) 1) E 438 — E 425 — E° 442
		) 2) E 424
AC/P	= —	C 443
AC/P1	= —	C 405 — C 443
AC/Pen	= —	
AC/SG	= E 442	
B 3	= —	A 209
B 4	= C 508	B 605 — C 603 — C 643
B 4 H	= A 630	
B 5	= A 306	
B 6	= A 306	
B 7	= A 609	A 615
B 8	= —	A 225
B 11	= C 603	C 643
B 12	= —	F 704
B 21	= —	A 235 — B 242
B 22	= —	A 209
B 23	= —	A 209
B 30	= —	C 643
B 210 H	= —	A 235 — B 242
B 210 L	= —	A 209
B 215 P	= B 205	B 203 — C 243
GP 210	= —	A 209
GP 407	= —	) 1) A 425 — A 435 — A 442
		) 2,3) A 415
GP 607	= —	) 1) A 630 — A 635 — A 642
		) 2,3) A 615
H. 210	= —	A 225 -1) A 235 — B 242
H. 607	= —	A 630
HF 210	= —	A 225 — A 235 — B 242
HF 407	= —	A 425 — A 435 — A 442
HF 607	= —	A 630 — A 635 — A 642
HL. 210	= A 225	) 1) A 235 — B 242
		) 2,3) A 209
HL. 607	= —	) 1) A 630 — A 635 — A 642
		) 2,3) A 609 — A 615
L. 210	= —	) 1) A 225 — A 235 — B 242
		) 2.3) A 209
LF 215	= —	A 209
LF 407	= A 409	A 415

Mazda B.T.H.			PHILIPS
LF 607	=	A 609	A 615
P. 220	=	—	C 243
P. 227	=	—	B 203 — C 243
P. 240	=	—	C 243
P. 415	=	—	B 405 — B 443
P. 425	=	B 403	B 405 — B 443
P. 615	=	—	B 605 — C 603 — C 643
P. 625A	=	—	C 643
P. 625B	=	—	C 643
P. 650	=	—	C 643
PP 3/425	=	—	F 704
PX 650	=	—	C 643
RC 210	=	—	A 225
RC 407	=	—	A 425
RC 607	=	—	A 630
SG 207	=	—	B 242
H 610	=	A 630	
HL 610	=	—	A 630
PP 5/400	=	E 408N	E 443N

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Mazda B.T.H.	P H I L I P S	Mazda B.T.H.	P H I L I P S
U 30/250 = 373			
U 65/550 = 1562			
U 75/300 = 505			
U U 60/250 = 1821			
RH 1 = 1562			
U 60/500 = 505			
UU 2 = 1821			
UU 30/250 = 1801			
UU 120/250 = ca. 1561			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Métal		PHILIPS
0.06	= A 410	1) A 425 — A 435 — A 442 2,3) A 409 — A 415
0.06 D	= A 410	1) A 425 — A 435 — A 442 2,3) A 409 — A 415
0.06 DG	= A 441	
AZ 920	= A 109	
BW 6	= F 242	
BW 303	= —	B 203 — C 243
BW 1010	= F 209	
BY 1013	= —	A 209
CL 25	= —	A 425
CL 52	= —	A 209
CL 62	= —	1) A 225 — A 235 — B 242 2,3) A 209
CL 63A	= A 306	
CL 63B	= A 410	
CL 64B	= —	A 425
CL 104	= B 406	B 409 — B 405 — B 443
CL 124	= B 406	B 409 — B 405 — B 443
CL 152	= —	A 225
CL 162	= —	A 209 -5) B 205 — B 203 — C 243
CL 164	= —	A 425
CL 202	= —	1) A 225 — A 235 — B 242 2,3) A 209
CL 252	= —	1) A 225 — A 235 — B 242 2,3) A 209
CL 254	= —	A 425
CL 502	= —	A 209 -5) B 205 — B 203 — C 243
CL 504	= —	A 425
CL 505	= —	C 508 — B 605 — C 603 — C 643
CL 1257	= TB 04/10	
DW 1	= E 441	
DW 2	= —	E 442
DW 702	= —	B 443
DW 704	= —	E 409 — B 443
DW 1003	= E 409	B 443
DW 1111	= —	E 415 — E 424
DW 1508	= E 415	E 424
DW 3020	= —	E 438
DW 3559	= E 435	E 442
DX 3	= B 443	
DX 502	= B 405	B 443
DX 804	= B 409	B 405 — B 443

Métal	PHILIPS
DY 604 $=$ B 406	B 409 — B 405 — B 443
DZ 1 $=$ A 441	
DZ 2 $=$ A 442	
DZ 908 $=$ A 409	A 415
DZ 813 $=$ —	A 409 — A 415
DZ 1508 $=$ A 415	
DZ 2222 $=$ A 425	
DZ 3529 $=$ A 435	A 442
Ecran $=$ A 442	
FW 402 $=$ —	C 643
FZ 906 $=$ A 609	A 615
GM $=$ —	A 441
RM $=$ —	A 441
TM $=$ E	1) A 410 — A 425 — A 435 — A 442 2,3) A 409 — A 415
TMD $=$ —	B 406 — B 409 — B 405 — B 443
BW 3 $=$ C 243	
BW 602 $=$ —	C 243
BY 1 $=$ A 241	
BY 6 $=$ B 242	
BY 1814 $=$ —	A 225 — A 235 — B 242
BY 2023 $=$ A 225	A 235 — B 242
DW 6 $=$ E 442	
DW 302 $=$ —	D 404 — E 406
DW 4023 $=$ E 438	
GW 402 $=$ F 704	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Métal	P H I L I P S	Métal	P H I L I P S
K 15	= 1560		
K 30	= 1562		
KD 02.30	= 1800/802		
KD 02.30B	= 1801		
D 3-80B	= 1561		
KD 05.125B	= 1561		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Microlux Micrad Bertrand			PHILIPS
A 1	=	A 410	1) A 425 — A 435 — A 442 2,3) A 409 — A 415
A 1 D	=	A 410	1) A 425 — A 435 — A 442 2,3) A 409 — A 415
A.10	=	A 410	A 425 — A 435 — A 442
A.25	=	A 425	6) A 435 — A 442
A.42	=	A 442	
A 161	=	—	1) A 225 — A 235 — B 242 2,3) A 209
BG 7	=	A 441N	
C 2	=	A 410	1) A 425 — A 435 — A 442 2,3) A 409 — A 415
C 3	=	—	B 406 — B 409 — B 405 — B 443
C 4	=	A 409	3) A 415 5) B 406 — B 409 — B 405 — B 443
C 183	=	—	B 205 — B 203 — C 243
G 7	=	—	A 441
Microwelt	=	A 410	1) A 425 — A 435 — A 442 2,3) A 409 — A 415
P.5	=	B 405	B 443
P.6	=	B 406	3) A 415 5) B 409 — B 405 — B 443
P.43	=	B 443	
U.9	=	A 409	A 415

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Mullard		PHILIPS
102 T	= F 209A	
104 V	= E 409	B 443
144 V	= E 414	
152 T	= F 215	
154 T	= E 415	E 424
164 T	= E 415	E 424
244 V	= E 424	
354 V	= E 438	
AC 3	= F 109A	
AC 4	= C 603	C 643
AC 044	= D 404	E 406
AC 064	= E 406	
AC 084	= E 408	E 408N — E 443N
AC 084N	= E 408N	E 443N
DO/20	= F 704	F 443
DO/24	= F 410	
PM 1 A	= —	A 225
PM 1 HF	= —	A 225 — A 235 — B 242
PM 1 HL	= A 225	
PM 1 LF	= —	A 209
PM 2	= B 205	B 203 — C 243
PM 2 DT	= B 216	
PM 3	= —	} 1) A 425 — A 435 — A 442
		} 2,3) A 415
PM 3 A	= —	A 435 — A 442
PM 3 D	= B 424	
PM 4 DS	= A 414K	
PM 4 DX	= } B 415§)	
	} A 415	
PM 4 DX*	= A 414	
PM 5	= —	} 1) A 635 — A 642
		} 4) A 630
PM 5 B	= —	A 635 — A 642
PM 5 D	= A 630	1) A 635 — A 642
PM 5 X	= —	} 1) A 635 — A 642
		} 4) A 630
PM 6	= B 605	C 603 — C 643
PM 6 D	= A 615	
PM 11	= C 142	
PM 12	= B 242	
PM 13	= B 442	
PM 14	= A 442	

§) Gleichstromnetze. - §) D.C. mains. - §) Réseaux à courant continu. -
§) Redes de corriente continua.

Mullard	PHILIPS		
PM 14*	=	A 442K	
PM 16	=	A 642	
PM 21	=	D 143	
PM 22	=	C 243	
PM 24	=	B 443	
PM 24 A	=	C 443	
PM 24 B	=	E 443	E 443N
PM 24 C	=	E 443N	
PM 25	=	B 543	
PM 26	=	C 643	
PM 224	=	F 242	
PM 245	=	F 203	D 243
PM 252	=	B 203	C 243
PM 254	=	B 405	B 443
PM 256	=	—	C 643
PM 256 A	=	—	C 643
S 4 V	=	E 442	
PM 24D	=	F 443	
PM 24X	=	C 443N	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Mullard	P H I L I P S	Mullard	P H I L I P S
DU/1	= ~~1800~~ *1802*		
DU/2	= 506		
DU/5	= 373		
DU/10	= 373		
DU/15	= 1562		
DW/1	= 1801		
DW/2	= 1821		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Neutron			PHILIPS
H 220	=	—	A 225
H 406 HF	=	A 410	) 1) A 425 — A 435 — A 442
			(2,3) A 409 — A 415
HF 2	=	—	A 225 — A 235 — B 243
HF 4	=	—	A 425 — A 435 — A 442
HF 6	=	—	A 630 — A 635 — A 642
L 220 LF	=	—	A 209
L 406 LF	=	—	A 409 — A 415
LF 2	=	—	A 209
LF 4	=	—	A 409 — A 415
LF 6	=	—	A 609 — A 615
LP 2	=	—	B 205 — B 203 — C 203
LP 4	=	B 406	B 409 — B 405 — B 443
LP 6	=	B 605	C 603 — C 643
P 430	=	—	B 406 — B 409 — B 405 — B 443
P 525	=	—	C 508 — B 605 — C 603 — C 643

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Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Oxytron		PHILIPS
K 412	= —	E 408N - E 443N
K 712	= TB C4/10	
OX 45	= B 405	B 443
OX 46	= B 406	B 409 — B 405 — B 443
OX 49	= A 409	A 415
OX 154	= A 415	
OX 254	= —	A 425 -1) A 435 — Λ 442
OX 304	= A 442	
Selector	= A 415	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Oxytron	PHILIPS	Oxytron	PHILIPS
DR 40	⎓ 1561	**Res. 3**	⎓ 452
KR 7	⎓ 1562	**Res. 6**	⎓ 329
L 102	⎓ 1002		
L 152	⎓ 328		
L 216	⎓ 1702		
R 40	⎓ 505		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Powertone		PHILIPS
206 U	= A 209	1) A 225 — A 235 — B 242
206 W	= —	A 225
210 L	= —	C 243
210 U	= —	⎰ 1) A 225 — A 235 — B 242
		⎱ 2,3) A 209
210 W	= —	A 225
212 SG	= B 242	
215 Bi	= A 441N	
215 L	= —	B 205 — B 203 — C 243
215 Pent.	= C 243	
406 H	= —	⎰ 1) A 425 — A 435 — A 442
		⎱ 2,3) A 409 — A 415
406 N	= —	A 409 — A 415
406 U	= A 409	⎰ 1) A 425 — A 435 — A 442
		⎱ 2,3) A 415
406 W	= A 425	
410 L	= B 406	B 409 — B 405 — B 443
415 Pent.	= B 443	
415 SG	= A 442	
415 SL	= B 405	B 443
1004/AL	= E 438	1) E 435 — E 442
1005/AL	= —	E 415 -5) E 409 — B 443
1104/AL	= —	E 415 — E 424
B 215	= A 441N	
DS 408	= —	A 425
GP 416	= —	B 405 — B 443
GPP 446	= B 443	
H 406	= —	A 425 — A 435 — A 442
KR 410	= —	A 415
L 410	= B 406	B 409 — B 405 — B 443
N 406	= —	A 409 — A 415
SL 415	= B 405	B 443
Spezial		
Detektor	= —	A 415
U 406	= —	⎰ 1) A 425 — A 435 — A 442
		⎱ 2,3) A 409 — A 415
W 406	= A 425	

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

P.R. Peter Russell			PHILIPS
GPR 2	=	—	A 225 -1) A 235 — B 242
GPR 3	=	—	A 209
GPR 4	=	—	A 225
GPR 9	=	—	A 425 -1) A 435 — A 442
GPR 10	=	—	A 409 — A 415
GPR 11	=	—	A 425
GPR 17	=	—	A 630 -1) A 635 — A 642
GPR 18	=	—	A 609 — A 615
GPR 19	=	—	A 630
GPR 20	=	B 205	B 203 — C 243
GPR 40	=	—	B 409 — C 405 — C 443
GPR 60	=	—	B 605 — C 603 — C 643
GPR 120	=	B 203	C 243
GPR 140	=	—	C 405 — C 443
PR 1	=	—	A 225 — A 235 — B 242
PR 2	=	—	A 225 — A 209
PR 3	=	—	A 209
PR 4	=	—	A 225
PR 8	=	—	A 425 — A 435 —A 442
PR 9	=	A 410	A 425 — A 409 — A 415
PR 10	=	—	A 409 — A 415
PR 11	=	—	A 425 —
PR 16	=	—	A 630 — A 635 — A 642
PR 17	=	—	A 630 — A 609 — A 615
PR 18	=	—	A 609 — A 615
PR 19	=	—	A 630
PR 20	=	—	B 205 — B 203 — C 243
PR 40	=	—	B 406 — B 409 — B 405 — B 443
PR 60	=	—	B 605 — C 603 — C 643
PR 120	=	B 205	B 203 — C 243
PR 140	=	B 403	B 409 — B 405 — B 443
SG 25	=	B 242	
SG 45	=	A 442	

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Radio-Record Radium		PHILIPS
2 LO	= B 403	B 405 — B 443
5 XX	= A 410	) 1) A 425 — A 435 — A 442
		) 2,3) A 409 — A 415
A 2004	= A 442	
DM 15	= A 241	
DM 300	= A 441	
Dn 44	= E 441	
Dn 64	= E 409	B 443
Dn 154	= E 415	E 424
Dn 404	= E 438	
Dn 1004	= C 443	
Dn 2004	= —	E 442
M 15	= —	) 1) A 235 — B 242
		) 2,3) A 209
M 64	= C 405	C 443
M 72	= —	B 205 — B 203 — C 243
M 102	= A 209	
M 104	= —	B 405 — B 443
M 144	= A 415	
M 212	= A 225	
M 300	= A 409	A 415
M 350	= —	A 425
M 400	= B 406	B 409 — B 405 — B 443
M 1004	= B 443	
N 62	= —	D 105 — D 143
N 114	= F 209	
N 252	= C 125	
T 34	= D 404	E 406
T 104	= —	F 410 — F 443

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Radio-Record Radium	P H I L I P S	Radio-Record Radium	P H I L I P S
R 14	= ~~1800~~ *1802*	W 15	= 329
R 24	= 1801	W 20	= 452
R 78	= 1562	W 1501	= 1011
R 134	= 505		
R 145	= 505		
R 202	= 1002		
R 215	= 328		
R 234	= 506		
R 245	= 1560		
RRR 45	= ~~1005~~ *1002*		
RRR 134	= 505		
RRR 145	= 505		
RRR 234	= 506		
RRR 245	= 506		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Radiotechnique Dario		PHILIPS
Hyper Power Bivolt	= —	C 243
Hyper Power Forvolt	=C 405	C 443
I. 4043	= E 441	
I. 4076	= E 415	E 424
I.4078	= —	E 438
I.4081	= —	E 442
I.4091	= E 442	
Micro Ampli	= R 50	
Micro Bigril	= R 43	
Pentodion Bivolt	= C 243	
Pentodion Forvolt	= B 443	
R 5	= E	1) A 410 — A 425 — A 435 — A 442 / 2,3) A 409 — A 415
R 14	= A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
R 15	= A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
R 18	= A 441	
R 21	= E	1) A 410 — A 425 — A 435 — A 442 / 2,3) A 409 — A 415
R 24	= —	A 425
R 29	= C 509A	A 609 — A 615
R 31	= —	B 406 — B 409 — B 405 — B 443
R 36	= A 410	1,6) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
R 36D	= A 410	1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
R 41	= —	A 409 — A 415
R 42	= —	A 409 {1,6)A 410 — A 425 — A 435 / 2,3) A 415 — A 442
R 43	= A 441	
R 43M	= A 441N	
R 43O	= A 441	
R 43P	= A 441	
R 50	= —	A 409 — A 415
R 55	= —	A 409 — A 415
R 56	= B 406	B 409 — B 405 — B 443
R 62	= A 425	6) A 435 — A 442
R 63	= —	A 425
R 64	= B 403	B 405 — B 443
R 75	= A 409	A 415
R 76	= A 415	
R 77	= B 405	B 443

Radiotechnique Dario		PHILIPS
R 78	= A 425	
R 79	= B 443	
R 80	= —	C 443
R 81	= —	A 442
R 83	= A 441N	
R 85	= B 409	
R 89	= C 443	B 405 — B 443
R 636	= —	) 1) C 135 — C 142 (2) C 109
R 655	= —	C 125) 1) C 135 — C 142) 2) C 109
R 656	= —	D 105 — D 143
R 662	= —	C 125
R 669	= —	C 125
R 675	= —	C 109
R 677	= —	D 105 — D 143
R 678	= —	C 125 -1) C 135 — C 142
R 679	= —	D 143
R 681	= —	C 142
R 1836	= —	A 209
R 1855	= —	A 209
R 1856	= —	B 205 — B 203 — C 243
R 1862	= A 225	
R 1863	= —	A 225 -1) A 235 — B 242
R 3821, R 3836, etc	= R 21, R 36, etc.	
Radio Ampli	= R 5	
Radio Bigril	= R 18	
Radio Micro	= R 36	
Resistron Bivolt	= —	A 225
Resistron Forvolt	= —	A 425
RT....	= R ..	
Screenodion Bivolt	= B 242	
Screenodion Forvolt	= A 442	
Super Ampli	= R 41	
Super H.F. Bivolt	= A 225	A 235 — B 242
Super H.F. Forvolt	= A 425	A 435 — A 442
Super Micro	= R 15	
Super Power Bivolt	= —	C 243
Super Power Forvolt	= B 409	B 405 — B 443
Universal Bivolt	= A 209	1) A 225 — A 235 — B 242
Universal Forvolt	= —	) 1) A 425 — A 435 — A 442) 2,3) A 409 — A 415
E 165A	= F 704	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Radiotechnique Dario	P H I L I P S	Radiotechnique Dario	P H I L I P S
V 56	= ~~1000~~ 1802		
V 80	= 506		
V 90	= 1561		
V 165	= 1832		
V 4001	= 2506		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

R. C. A. Radiotrons		PHILIPS
RCA-221	= A 609	A 615
RCA-230	= A 209	
RCA-231	= B 203	C 243
RCA-232	= —	B 242
UV-199	= A 306F	
UX-112	= C 508	B 605 — C 603 — C 643
UX-112-A	= C 508	B 605 — C 603 — C 643
UX-120	= A 303	
UX-171	= C 603	C 643
UX-171-A	= C 603	C 643
UX-199	= A 306	
UX-200	= —	A 615
UX-200-A	= —	A 615
UX-201-A	= C 509A	A 609 — A 615
UX-210	= F 708	
UX-222	= B 342	
UX-226	= F 109A	
UX-240	= —	A 630
UX-245	= F 203	D 243
UX-250	= F 704	
UX-864	= A 109	
UY-224	= F 242	
UY-227	= F 209A	
WD-11	= —	B 105
WX-12	= —	B 105

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
R. C. A. Radiotrons	P H I L I P S	R. C. A. Radiotrons	P H I L I P S
UX-213	= 1560	UV-876	= 1938
UX-216-B	= 1562	UV-886	= 1943
UX-280	= 1560		
UX-281	= 1562		

RECTRON (Dld.)

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Rectron	P H I L I P S	Rectron	P H I L I P S
R 22	= 1010	WE 15	= 1904
R 24/6	= 367	WE 22	= 501
R 33	= 1010	WE 33	= 452
R 44	= 328—451	WE 34	= 1011
R 45	= 1326	WE 44	= 329
R 110/1/II	= 1325	WE 45	= 1331
R 200/1,3/III	= 1060	WE 46	= 1130
R 220	= 1702	WE 55	= 452
R 250	= 1701		
R 0337	= 1201		
R 0423	= 1801		
R 0424	= 1802		
R 0431	= 1561		
R 0433	= 1817		
R 0437	= 506		
R 0446	= 505		
R 0452	= 1815		
R 0481	= 1832		
R 500	= 1072		
R 0531	= 1560		
R 0771	= 1562		
R 1000	= 1074		
R 2000	= 1762		
R 3000	= 1077		
R 4000	= 1062		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Seibt			PHILIPS
H 407	=	—	A 425 -1) A 435 — A 442
L 418	=	B 406	B 409 — B 405 — B 443
L 419	=	B 405	B 443
U 41C	=	A 409	1) A 425 — A 435 — A 442
			2,3) A 415
W 404	=	—	A 425

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Seibt	P H I L I P S	Seibt	P H I L I P S
B 200	= 1092		
EG 200	= ~~1800~~ *1802*		
VG 240	= 506		
VG 250	= 1201		

SIEMENS (Dld.)

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Siemens	P H I L I P S	Siemens	P H I L I P S
Gl 0,1 b	= 1010		
Gl 2	= 328		
Gl 1,5	= ca. 1326		
Gl 1,5 b	= 1325		
Gl 3 b	= ca. 1129		
Gl 3 c	= ca. 1119		
Gl 3 e	= ca. 1119		
Gl 6 b	= ca. 1029		
Gl 6 c	= ca. 367		
Gl 6 e	= ca. 367		
Gl 10 a	= ca. 1089		
Gl 10 b	= ca. 1089		
Gl 10 c	= ca. 1089		
Gl 10 e	= ca. 1089		
Gl 20 b	= ca. 1749		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Six Sixty Electron		PHILIPS
SS 4 Det AC	= E 415	
SS 4 GP AC	= —	) 1) E 438 — E 435 — E 442
		) 2,3) E 424
SS 4 P AC	= E 409	B 443
SS 4 Pen	= C 443	
SS 4 SG AC	= E 442	
SS 5 SP AC	= C 603	C 643
SS 210 HF	= —	A 225 -1) A 235 — B 242
SS 210 LF	= —	A 209
SS 210 RC	= —	A 225
SS 215 P	= —	B 205 — B 203 — C 243
SS 215 SG	= B 242	
SS 220 P	= B 205	B 203 — C 243
SS 230 PP	= C 243	
SS 230 SP	= —	B 203 — C 243
SS 410 D	=) B 415§	
	) A 415	
SS 410 P	= B 406	B 409 — B 405 — B 443
SS 415 PP	= B 443	
SS 420 SP	= —	B 405 — B 443
SS 425 SP	= —	B 403 — B 405 — B 443
SS 610 D	= A 615	
SS 610 P	= —	B 605 — C 603 — C 643
SS 617 PP	= —	C 643
SS 625 SP	= —	C 643
SS 625 SPA	= C 603	C 643
SS 1414	= —	A 209
SS 4075 HF	= —	A 435 — A 442
SS 4075 RC	= —	A 425
SS 4075 SG	= A 442	
SS 6075 SG	= A 642	
SS HV 6/1	= —	C 643
SS 4 Pent SP	= C 443	
SS HV 4/1	= —	E 406
SS HV 4/2	= D 404	E 406

§) Gleichstromnetze. - §) D.C. mains. - §) Réseaux à courant continu. - §) Redes de corriente continua.

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Six Sixty Electron	P H I L I P S	Six Sixty Electron	P H I L I P S
SSU 465	= 505		
SSU 765	= 1562		
SSW 432	= 1801		
SSW 462	= 1821		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Sonatron			PHILIPS
11	=	—	B 105
171-AC	=	C 603	C 643
222-AC	=		
(X-base)	=	C 142	
222-AC			
(Y-base)	=	F 242	
A 120	=	A 303	
A 199	=	A 306	
V 120	=	A 303	
V 199	=	A 306F	
X 6	=	—	C 508 — B 605 — C 603 — C 643
X 9	=	—	B 406 — B 409 — B 405 — B 443
X 12	=	—	B 105
X 19	=	—	A 425
X 20	=	—	A 630
X 29	=	—	A 425
X 30	=	—	A 630
X 112	=	C 508	B 605 — C 603 — C 643
X 112A	=	C 508	B 605 — C 603 — C 643
X 120	=	A 303	
X 171	=	C 603	C 643
X 171A	=	C 603	C 643
X 199	=	A 306	
X 200	=	—	A 615
X 200A	=	—	A 615
X 201A	=	C 509A	A 609 — A 615
X 201B	=	—	A 609 — A 615
X-210	=	F 708	
X-222	=	B 342	
X-226	=	F 109A	
X 240	=	—.	
X 245	=	F 203	D 243
X 250	=	F 704	
Y 224 AC	=	F 242	
Y 227	=	F 209A	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Sonatron	P H I L I P S	Sonatron	P H I L I P S
213	$=$ 1560		
216-B	$=$ 1562		
X 213	$=$ 1560		
X 216-B	$=$ 1562		
X 280	$=$ 1560		
X 281	$=$ 1562		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Splendor		PHILIPS
S 83	= B 409	B 405 — B 443
V 62	= B 405	B 443
V 65	= B 406	B 409 — B 405 — B 443
V 72	= —	E 408N - E 443N
V 82	= B 405	B 443
V 1010	= A 409	A 415
V 1508	= A 415	
V 1520	= A 410	) 1) A 425 — A 435 — A 442 (2,3) A 409 — A 415
V 3030	= A 425	1) A 435 — A 442
V 3050	= —	A 425
VH 40	= —	A 425 -1) A 435 — A 442
VH 300	= A 442	
W.S. 62	= —	C 405 — C 443
W.S. 300	= —	E 442
W.S. 1507	= E 415	E 424
W.S. 3030	= —	E 438

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Splendor	P H I L I P S	Splendor	P H I L I P S
G 140	= 505	W 13	= 452
G 335	= 373	W 14	= 329
G 435	= 373		
G 450	= 506		
G 530	= 505		
G 1060	= 1561		
L 13	= 451		
L 14	= 328		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Tekade			P H I L I P S
1 L 61	=	—	D 105 — D 143
1 N 51	=	—	{ 1) C 125 — C 135 — C142
			{ 2,3) C 109
1 W 50	=	—	C 125
2 L 20	=	B 205	B 203 — C 243
2 U 15	=	—	{ 1) A 235 — B 242
			{ 2,3) A 209
4 A 07	=	—	A 415
4 A 08	=	A 415	
4 A 10	=	—	A 415 -1) A 435 — A 442
4 A 15	=	A 415	1) A 435 — A 442
4 A 80	=	E 415	
4 A 120	=	--	E 415 — E 424
4 B 06	=	—	A 409 — A 415
4 F 06	=	—	A 409 — A 415
4 H 07	=	A 409	A 415
4 H 08	=	—	{ 1) A 425 — A 435 — A 442
			{ 2,3) A 409 — A 415
4 H 80	=	E 415	E 424
4 H 130	=	—	E 409 — B 443
4 K 30	=	—	B 443
4 K 50	=	D 404	E 406
4 K 60	=	D 404	E 406
4 L 11	=	—	B 403 — B 405 — B 443
4 L 12	=	B 405	B 443
4 L 13	=	B 409	B 405 — B 443
4 L 14	=	B 409	B 405 — B 443
4 L 15	=	B 405	B 443
4 L 29	=	—	B 443
4 L 31	=	—	E 406
4 N 08	=	A 409	A 415
4 U 130	=	E 409	{ 1) E 438 — E 435 — E 442
			{ 2,3) E 415 — E 424
			{ 5) B 443
4 W 03	=	A 425	
4 W 08	=	A 425	
4 W 120	=	—	E 438
ES 100	=	E 442	
HA 130	=	—	E 415 — E 424
Tekadon	=	A 415	
VT 107	=	—	{ 1,6) A 225 — A 235 — B 242
			{ 2,3) A 209

Tekade			PHILIPS
VT 110	=	—	{ 1) A 235 — B 242 { 2,3) A 209
VT 111	=	B 406	{ 2,3,5) B 409 - 5) B 405 — B 443 { 6) A 409 } { 6) A 410 } A 425 — A 435 — A 442
VT 112	=	—	{ 2,3,6) A 409 -2,3) A 415 { 6) A 410 — A 425 — A 435 — A 442
VT 121	=	B 205	B 203 — C 243
VT 122	=	—	A 225 -1) A 235 — B 242
VT 124	=	—	A 425
VT 128	=	A 409	{ 1) A 425 — A 435 — A 442 { 2,3) A 415 { 6) A 410 — A 425 — A 435 — A 442
VT 129	=	B 409	{ 2,3) A 415 { 5) B 405 — B 443 { 6) A 409 } { 6) A 410 } A 425 — A 435 — A 442
VT 141	=	—	E 409 — B 443
4 A 08n	=	A 415	
4 A 80n	=	E 415	E 424
4 A 90	=	E 424	
4 H 07n	=	—	A 409 — A 415
4 K 32	=	—	E 406
4 N 110	=	—	E 415 — E 424
4 S 09	=	—	A 442
4 S 120	=	—	E 442S
4 W 03n	=	A 425	
4 W 100	=	E 438	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Tekade	P H I L I P S	Tekade	P H I L I P S
3 G 130	= 1201		
4 G 15	= 1800		
4 G 30	= 1801		
4 G 200	= 1561		
GT 130	= 506		
GT 138	= 505		
4 G 35	= 1810		
4 G 105	= 506		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Telefunken		PHILIPS
RE 034	$=$ Λ 425	
RE 052	$=$ —	A 225
RE 054	$=$ —	} 1) A 435 — Λ 442 / 4) A 425
RE 061	$=$ ...	} 1) A 135 / 2,3) A 109
RE 062	$=$ --	} 1) A 235 — B 242 / 2,3) A 209
RE 064	$=$ A 410	} 1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
RE 072d	$=$ A 241	
RE 073d	$=$ A 441	
RE 074	$=$ A 409	A 415
RE 074d	$=$ A 441	
RE 076	$=$ A 609	A 615
RE 084	$=$ A 415	
RE 114	$=$ B 406	B 409 — B 405 — B 443
RE 122	$=$ B 205	B 203 — C 243
RE 124	$=$ B 405	B 443
RE 134	$=$ B 409	B 405 — B 443
RE 144	$=$ —	} 1) A 425 — A 435 — A 442 / 2,3) A 409 — A 415
RE 144 super	$=$ —	} A 409 / A 410
RE 152	$=$ B 205	B 203 — C 243
RE 154	$=$ —	B 406 — B 409 — B 405 — B 443
RE 304	$=$ C 405	C 443
RE 352	$=$ —	B 205 — B 203 — C 243
RE 354	$=$ —	} 3) A 415 / 5) B 403 — B 405 — B 443
RE 504	$=$ —	} 3) B 406 — A 409 — A 415 / 5) B 406 — B 409 — B 405 — B 443
RE 604	$=$ D 404	E 406
REN 501	$=$ --	C 125
REN 511	$=$ —	} 1) C 125 — C 135 — C 142 / 2,3) C 109
REN 601	$=$ —	D 105 — D 143
REN 704d	$=$ E 441	
REN 804	$=$ E 415	E 424
REN 904	$=$ E 424	
REN 1004	$=$ E 438	

Telefunken		PHILIPS
REN 1104	= —	E 415 — E 424
REN 2204	= —	E 409 — B 443
RENS 1204	= E 442S	
RES C44	= —	A 442
RES 094	= A 442	
RES 105	= B 543	
RES 164	= —	B 443
RES 164d	= —	B 443
RES 664d	= E 443N	
RV 218	= —	F 704

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Telefunken	P H I L I P S	Telefunken	P H I L I P S
RGL 4002	= 328		
RGN 354	= ~~1810~~ *1002*		
RGN 504	= 1801		
RGN 1054	= 506		
RGN 1404	= 1832		
RGN 1503	= 1201		
RGN 1504	= 506		
RGN 2004	= 1561		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Triotron Schrack			P H I L I P S	
AD 4	=	—	A 409 — A 415	
AD 510	=	—	⟨ 1) A 425 — A 435 — A 442 ⟩ 2,3) A 409 — A 415	
AN 4	=	—	E 438	
AS 4	=	—	A 425	
HD 2	=	—	A 225 -1) A 235 — B 242	
OD 4	=	—	A 425	
OE 4	=	—	A 425	
RD 4	=	A 409	A 415	
RD 509	=	—	A 409 — A 415	
RS 2	=	—	⟨ 1) A 225 — A 235 — B 242 ⟩ 2,3) A 209	
RS 4	=	—	⟨ 1) A 425 — A 435 — A 442 ⟩ 2,3) A 409 — A 415	
S 201A	=	C 509A	A 609 — A 615	
SC 2	=	B 242		
SC 4	=	A 442		
SCN 4	=	E 442		
SD 2	=	A 225	1) A 235 — B 242	
SD 4	=	A 415		
SD 515	=	A 415		
SN 4	=	—	E 424 -1) E 438 — E 435 — E 442	
T 10	=	—	⟨ 1) A 225 — A 235 — B 242 ⟩ 2,3) A 209	
TD 2	=	—	A 209	
TS 1	=	A 109	A 125 — A 135	
TS 4	=	A 410	⟨ 1) A 425 — A 435 — A 442 ⟩ 2,3) A 409 — A 415	
UD 2	=	—	B 203	
UD 4	=	B 406	B 409 — B 405 — B 443	
UD 506	=	B 406	⟨ 3) A 409 — A 415 ⟩ 5) B 409 — B 405 —B 443	
WD 2	=	A 225		
WD 4	=	A 425		
WD 525	=	A 425		
WN 4	=	—	E 438	
XD 4	=	B 405	B 443	
XD 505	=	B 405	B 443	
YD 4	=	B 409	⟨ 3) A 415 ⟩ 5) B 405 — B 443	
YN 4	=	—	E 409 — B 443	
ZD 2	=	—	B 205 — B 203 — C 243	
ZD 4	=	—	B 403 — B 405 — B 443	
ZD 503	=	—	B 403 — B 405 — B 443	
ZE 4	=	A 409	A 415	

Empf.-Röhren — Rec. Valves — Lampes réc. — Válv. rec.

Triotron Schrack	PHILIPS
CWN 4 = E 442S	
MD 4 = A 441N	
PB 2 = C 243	
PB 4 = B 443	
PD 4 = C 443	
PG 5 = B 543	
SCG 4 = B 442	
SG 4 = B 415	
SP 2 = B 203	C 243
WG 4 = B 425	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Triotron Schrack	P H I L I P S	Triotron Schrack	P H I L I P S
GA 24	= 506		
GD 24	= 506		
GE	= 506		
GE 15	= 373		
GE 25	= 506		
GN 14	= ~~1800~~ 1802		
GN 24	= 1801		
		V 85	= 1904

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Tungsram		PHILIPS
AG 4100	=	E 415
AR 4100	=	—
AS 4100	=	E 442
DG 107	=	A 141
DG 210	=	A 241
DG 407	=	A 441
DG 4100	=	E 441
G 115	=	--
G 150	=	—
G 210	=	A 209
G 215	=	—
G 405	} =	A 410
G 406		
G 407	} =	A 409
G 408		
G 409	=	A 415
G 410	=	—
G 411	=	A 415
G 412	=	B 409
G 607	=	—
G 615	=	A 615
H 210	=	A 225
H 407	=	A 425
HR 607	=	A 630
L 190	=	—
L 414	=	B 409
LG 210	=	A 209
LG 607	=	—
MR 2	=	—
MR 3	=	A 410
MR 4	=	C 509A
MR 5	=	—
MR 6	=	—
MR 11	=	—
MR 51	=	—
MRW	=	—
MRW 1	=	—

PHILIPS column detail:

E 438 -1) E 435 — E 442

} 1) C 125 — C 135 — C 142
} 2,3) C 109
} 1) C 125 — C 135 — C 142
) 2,3) C 109

1,6) A 225 — A 235 — B 242
B 203 — C 243
} 1,6) A 425 — A 435 — A 442
} 2,3) A 409 — A 415
} 2,3) A 415
) 6) A 410 — A 425 — A 435 — A 442
1) A 425 — A 435 — A 442
A 415

A 415
A 615

A 615
1) A 235 — B 242
1) A 435 — A 442
1) A 635 — A 642
5) D 143
} 3) A 415
) 5) B 405 — B 443

A 615
A 409 — A 415
} 1,6) A 425 — A 435 — A 442
) 2,3) A 409 — A 415
A 609 — A 615
A 241
} 1) A 225 — A 235 — B 242
) 2,3) A 209
} 2) A 409 — A 415
) 5) B 406 — B 409 — B 405 — B 443
A 441
A 425
A 425

Tungsram		PHILIPS
MRX	=	—
MRY	=	A 409
OR 1	=	—
P 190	=	D 105
P 215	=	—
P 410	=	B 406
P 414	=	B 405
P 415	=	B 403
P 430	=	C 405
P 460	=	D 404
P 614	=	—
P 615	=	—
R 150	=	C 125
R 208	=	—
R 406	=	A 425
R 408	=	A 425
R 412	=	A 425
RP 615	=	C 509A
S 210	=	B 242
S 407	=	A 442
SP 230	=	B 203
SP 614	=	B 605

PHILIPS column entries:

⎰ 1) A 410 — A 425 — A 435 — A 442
⎱ 2.3) A 409 — A 415
    A 415
    A 109 ⎰ 1) A 135
        ⎱ 5) B 105
    D 143
    B 203 — C 243
    B 409 — B 405 — B 443
    B 443
    B 405 — B 443
    C 443
    E 406
    C 603 — C 643
 5) C 643
1) C 135 — C 142
    A 225 - 1) A 235 — B 242

    A 609 ·· A 615

    C 243
    C 603 — C 643

| PP 415 | = | B 443 |

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| Gleichr.-Röhren - Rect. valves | | Reg.-Röhren - Res. lamps | |
| Tubes redr. - Válv. rect. | | Tubes rég. - Lámp. reg. | |
Tungsram	P H I L I P S	Tungsram	P H I L I P S
PV 450 = 1801			
PV 475 = 506			
PV 480 = 373			
PV 495 = 1561			
V 430 = 1800 *1802*			
V 495 = 505			
V 2350 = 1010			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rec.

Ultra		PHILIPS
A 409	= A 409	A 415
BG 408	= A 441N	
Dreiring 1.	= --	A 425
Dreiring 2.	= —	A 425
Dreiring 3.	= --	B 406 — B 409 — B 405 —B 443
H 410	= A 410N	
Megatron 2	= B 203	C 243
Megatron 4	= B 405	B 443
N 443	= B 443	
O 4	= B 405	B 443
Orchestron 2	= —	B 203 — C 243
Orchestron 4	= —	B 403 — B 405 — B 443
Resisto 2	= —	A 225
Resisto 4	= —	A 425
Sinus 4A	= E 415	E 424
Sinus 4E	= —	E 409 — B 443
Sinus A	= —	E 415 — E 424
Sinus W	= —	E 438
Universal 2A	= —	A 209
Universal 2E	= —	B 205 { 3) A 209 / 5) B 203 — C 243
Universal 2HO	= —	1,6) A 425 — A 435 — A 442
Universal 4A	= --	A 409 — A 415
Universal 4E	= B 406	B 409 — B 405 — B 443
Universal 4HO	= --	1,6) A 425 — A 435 — A 442
UL 208A	= A 209	1) A 225 — A 235 — B 242
UL 209E	= B 205	B 203 — C 243
UL 405W	= —	A 425
UL 407W	= —	A 425
UL 408H	= —	A 425 — A 435 — A 442
UL 409A	= —	A 415
UL 410A	= —	A 409 — A 415
UL 411A	= —	A 415
UL 412E	= B 406	3,5) B 409 { 3) A 415 / 5) B 405 — B 443
UL 423A	= B 409	2) A 415
UL 430L	= C 405	C 443
UL 440L	= D 404	E 406
Zwerg I2	= —	A 225 -1) A 235 — B 242
Zwerg II2	= —	A 225
Zwerg III4	= B 205	{ 3) A 209 / 5) R 203 — C 243

| Gleichr.-Röhren - Rect. valves | | Reg.-Röhren - Res. lamps | |
| Tubes redr. - Válv. rect. | | Tubes rég. - Lámp. reg. | |
Ultra	P H I L I P S	Ultra	P H I L I P S
V 207	= 506	W 329	= 329
V 222	= 1110		
V 310	= 1560		
V 328	= 328		
V 1119	= 1119		
V 2020	= 1702		
V 3030	= 1701		

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rev.

Valvo			PHILIPS
A 206	=	—	A 209
A 408	=	A 415	
A 410	=	B 415	
A 2200W	=	F 215	
A 4090	=	E 414	
A 4100	=	E 415	E 424
A 4110	=	E 424	
H 107	=	A 109	
H 125	=	C 109	
H 125D	=	C 142	
H 125Spez.	=	C 135	C 142
H 206	=	A 209	
H 206Spez.	=	A 235	B 242
H 406	=	A 409	A 415
H 406D	=	A 442	
H 406Spez.	=	A 435	A 442
H 410D	=	B 442	
H 606	=	A 609	A 615
H 4080D	=	E 442S	
H 4100	=	E 415	E 424
H 4100D	=	E 442	
H 4100Spez.	=	E 435	E 442
L 160	=	D 105	D 143
L 160D	=	D 143	
L 215	=	B 205	B 203 — C 243
L 410	=	B 406	B 409 — B 405 — B 443
L 413	=	B 409	B 405 — B 443
L 414	=	B 405	B 443
L 415	=	B 403	B 405 — B 443
L 415D	=	B 443	
L 425D	=	C 443	
L 490D	=	E 443	E 443N
L 510D	=	B 543	
L 610	=	B 605	C 603 — C 643
L 4100	=	E 409	B 443
LK 430	=	C 405	C 443
LK 460	=	D 404	E 406
LK 4100	=	E 408	E 408N - E 443N
LK 8100	=	TB 04/10	
N 406	=	—	A 409 — A 415
U 208D	=	A 241	
U 209D	=	A 241	
U 408D	=	A 441	

Valvo			PHILIPS
U 409D	=	A 441	
U 525	=	C 509A	A 609 — A 615
U 4100D	=	E 441	
W 125	=	C 125	
W 206	=	A 225	
W 406	=	A 425	
W 410	=	B 425	
W 606	=	A 630	
W 4080	=	E 438	
W 4100	=	—	E 438
HX 1200	=	F 109A	
HY 2200	=	F 209A	
HY 2200D	=	F 242	
L 491D	=	E 443N	
L 495D	=	F 443	
LK 4110	=	E 408N	E 443N
LK 4200	=	F 410	F 443
LX 525	=	C 509A	A 609 — A 615
LX 625	=	C 603	C 643
LX 2200	=	F 203	D 243
LX 7200	=	F 704	
LX 8100	=	F 708	
NX 306	=	A 306	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Valvo	P H I L I P S	Valvo	P H I L I P S
G 415	= 1800		
G 425	= ~~1810~~ *1802*		
G 430	= 1801		
G 460	= 1801		
G 490	= 506		
G 495	= 505		
G 715	= 1562		
G 2200	= 1702		
G 2340	= 1701		
G 3140	= 1201		
G 4200	= 1561		
MG 2	= ~~1300~~ *1802*		
Mikrotron	= 506		
G 4205	= 1832	Wi 100	= 1904
G 5200	= 1560	Wi 150	= 1911
GX 715	= 1562	Wi V 1700	= 1938
GX 5200	= 1560	Wi V 2000	= 1943

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Varta	P H I L I P S	Varta	P H I L I P S
Accunodax $=$ 1702			
Accurex $=$ 367			
Complex $=$ 451			
Duplex			
1,3 A $=$ 509			
Simplex			
1,3 A $=$ 328			
Simplex			
2 A $=$ 1110			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rcv.

Vatea			PHILIPS
DGP 3	=	—	A 441
DGP 4	=	—	A 241
DV 4100	=	E 441	
DX 106	=	A 141	
H 406	=	—	A 425 — A 435 — A 442
HV 4100	=	—	E 424
HX 210	=	—	A 209
HX 406	=	—	A 415
L 312	=	B 406	B 409 — B 405 — B 443
L 430	=	—	B 406 — B 409 — B 405 — B 443
LX 230	=	—	C 243
LX 414	=	B 405	B 443
N 215	=	—	A 209
N 306	=	—	A 409 — A 415
N 406	=	—	A 409 — A 415
R 215	=	—	A 225
R 306	=	—	A 425
RV 150	=	C 125	
RV 4100	=	E 424	4) E 438
RX 210	=	A 225	
RX 406	=	A 425	
SV 4100	=	E 442	
SX 406	=	A 442	
TL 414	=	B 443	
TP 4	=	—	} 1) A 235 — B 242 } 2,3) A 209
TV 425	=	C 443	
U 215	=	—	} 1) A 235 — B 242 } 2,3) A 209
U 406	=	—	A 409 — A 415
U 412	=	A 409	} 1) A 425 — A 435 — A 442 } 2,3) A 415
UV 150	=	C 109	
UV 4100	=	E 409	2,3) E 415 — E 424
UX 210	=	A 209	
UX 406	=	B 409	} 2,3) A 415 } 5) B 405 — B 443
DX 414	=	A 441	
NX 216	=	B 205	B 203 — C 243
PX 460	=	D 404	E 406
SX 210	=	B 242	
TL 230	=	C 243	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Vatea	P H I L I P S	Vatea	P H I L I P S
Re 4100 $=$ 506			
Re 425 $=$ 1802			
Re 450 $=$ 1801			
Re 4200 $=$ 1561			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rev.

Visseaux	PHILIPS
RH 4010 = A 410	) 1,6) A 425 — A 435 — A 442) 2,3) A 409 — A 415
RH 4041 = A 441N	
RO 4010 = A 410	) 1,6) A 425 — A 435 — A 442) 2,3) A 409 — A 415
RO 4109 = A 409	A 415
RO 4125 = A 425	6) A 435 — A 442
RO 4141 = A 441	
RO 4142 = A 442	
RO 4206 = B 406	B 409 — B 405 — B 443
RO 4215 = A 415	
RO 4243 = B 443	
RO 4305 = B 405	B 443
RO 4309 = B 409	B 405 — B 443
RO 4320 = —	B 424
RS 4141 = E 441	
RS 4142 = E 442	
RS 4215 = E 415	E 424
RS 4230 = E 438	1) E 435 — E 442
RS 4343 = C 443	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Visseaux	P H I L I P S	Visseaux	P H I L I P S
V 1 = 505			
V 2 = 506			

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rev.

Voltron Neo-Bario			PHILIPS
206	=	—	⟩ 1,6) A 225 — A 235 — B 242 ⟩ 2,3) A 209
215	=	—	B 205 — B 203 — C 243
403	=	—	B 409 — B 405 — B 443
406	=	—	⟩ 1,6) A 425 — A 435 — A 442 ⟩ 2,3) A 409 — A 415
415	=	B 406	B 409 — B 405 — B 443
425	=	—	A 425
AZ 409	=	A 409	A 415
KR 203	=	B 203	C 243
KR 403	=	B 405	B 443
Kurzwellen			
410	=	—	A 415
UN 206	=	—	A 209
UN 406	=	—	⟩ 1) A 425 — A 435 — A 442 ⟩ 2,3) A 415
WH 225	=	—	A 225 -1) A 235 — B 242
WH 425	=	A 425	1) A 435 — A 442

Empf.-Röhren — Rec. valves — Lampes réc. — Válv. rev.

Zenith			PHILIPS
A 2	=	—	A 225
A 4	=	—	A 425
B 1050	=	C 125	
C 2	=	—	1) A 225 — A 235 — B 242
			2,3) A 209
C 106	=	A 109	1) A 135
			2,3) B 105
C 208	=	A 209	
C 226	=	F 109A	
C 406	=	—	A 415
C 412	=	—	1) A 425 — A 435 — 442
			2,3) A 415
C 512	=	—	1) A 630 — A 635 — A 642
			2,3) A 615
C 1100	=	C 109	
CI 4090	=	E 415	E 424
CY 227	=	F 209A	
D 2	=	A 241	
D 4	=	A 441	
DA 406	=	A 442	
DA 412	=	—	A 442
DA 1050	=	C 142	
DI 4090	=	E 441	
DU 415	=	B 443	
L 4	=	—	A 425 — A 435 — A 442
L 408	=	A 415	
L 412	=	A 425	1) A 435 — A 442
M 240	=	—	1) A 225 — A 235 — B 242
			3) A 209
P 720	=	F 704	
U 115	=	B 105	
U 171	=	C 603	C 643
U 215	=	—	B 203 — C 243
U 230	=	—	2,3) A 209
			5) B 205 — B 203 — C 243
U 412	=	B 406	B 409 — B 405 — B 443
U 415	=	B 409	B 405 — B 443
U 418	=	—	B 443
U 420	=	B 403	B 405 — B 443
U 425	=	B 406	B 409 — B 405 — B 443
U 440	=	B 403	B 405 — B 443
U 525	=	—	B 605 — C 603 — C 643
U 580	=	—	B 605 — C 603 — C 643

Zenith			PHILIPS
V 425	=	B 406	B 409 — B 405 — B 443
W 10M	=	TB 04/10	
W 150	=	D 404	E 406
BI 4090	=	E 438	
P 450	=	D 404	E 406
SI 4090	=	E 442S	
SY 224	=	F 242	
U 210	=	F 708	
U 245	=	F 203	D 243
U 250	=	F 704	

Gleichr.-Röhren - Rect. valves Tubes redr. - Válv. rect.		Reg.-Röhren - Res. lamps Tubes rég. - Lámp. reg.	
Zenith	P H I L I P S	Zenith	P H I L I P S
2 R 100	= 506		
R 10M	= 1562		
R 100	= ~~1809~~ *1802*		
R 4050	= ~~1000~~ *1002*		
R 4100	= 506		
R 5100	= 1560		
ZR 100	= 506		
R 280	= 1560		
R 281	= 1562		
R 4100/a	= 506		

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