PHILIPS-SERVICE

299 U

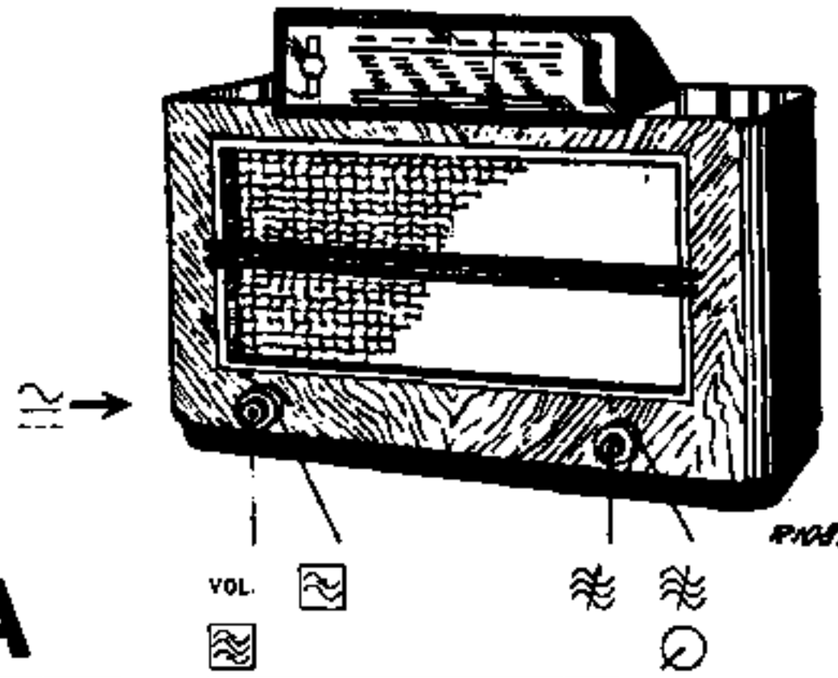
9,5—16,5 m
16,5—48 m
48—170 m
170—570 m

475 kc/s

9644 Z = 2,5 Ω

110 V, 125 V, 145 V
200 V, 220 V, 245 V

70 W



I 170—570 m

- C3, C4, C5 max
- VOL. max
- g2B2—0,1 μF—⏚
- 475 kc/s-33000 pF-g4B2
- C19, C18, C17, C16max
- g2B2—0,1 μF—⏚

II 170—570 m

- C3, C4, C5 max
- VOL. max
- 475 kc/s—Y
- S40 min

III 170—570 m

- C3, C4, C5 + 15°
- VOL. max
- 1650 kc/s—Y
- C15, C9, C50 max
- g2B2—0,1 μF—⏚
- 25 pF—aB2
- 600 kc/s—Y
- C3, C4, C5 max
- g2B2—0,1 μF—⏚
- C10 max

I 48—170 m

- C3, C4, C5 + 15°
- VOL. max
- 5,75 Mc/s—Y
- C14, C8, C49

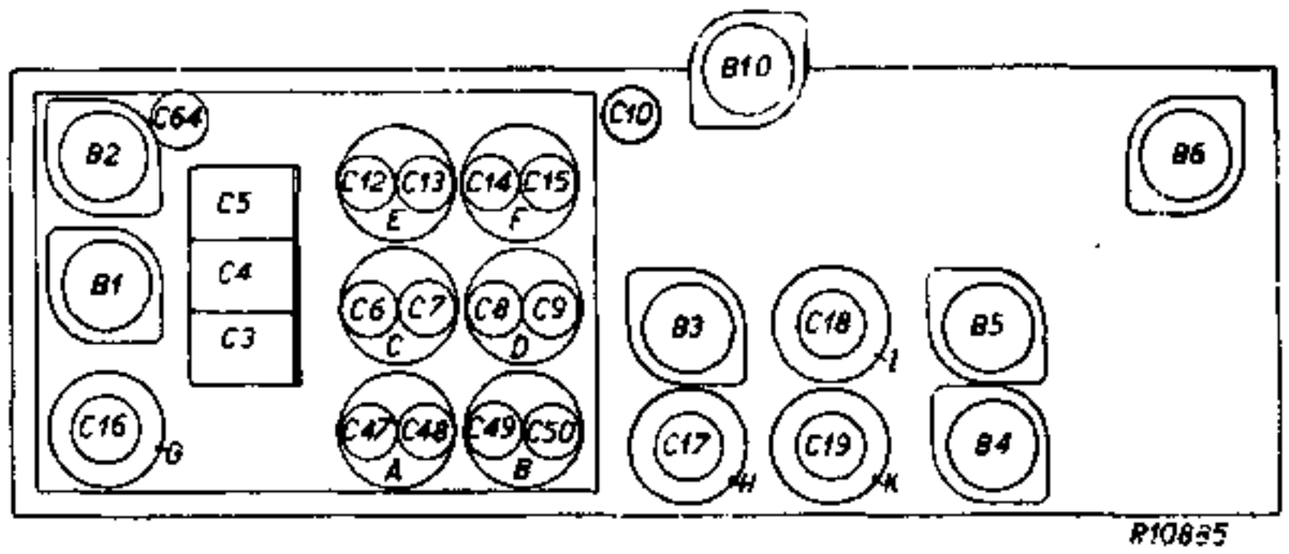
III 16,5—48 m

- C3, C4, C5 + 15°
- g2B2—0,1 μF—⏚
- 25 pF—aB2
- 17,4 Mc/s—Y
- C48, C7 max
- g2B2—0,1 μF—⏚
- VOL. max
- C13 max

III 9,5—16,5 m

- C3, C4, C5 + 15°
- g2B2—0,1 μF—⏚
- 25 pF—aB2
- 32 Mc/s—Y
- C47, C6 max
- g2B2—0,1 μF—⏚
- VOL. max
- C12 max
- g2B2—0,1 μF—⏚
- 25 pF—aB2
- 23 Mc/s—Y
- C3, C4, C5 max
- g2B2—0,1 μF—⏚
- VOL. max
- C64 max
- C3, C4, C5 + 15°
- 32 Mc/s—Y
- C12 max

15° = 09.992 44.0



	B1	B2	B3	B4	B5	B6	B10	
	EF 8	EK 2	EF 5	EBC 3	EL 3	AZ 1	EM 1	
Va	247	212	267	102	246		265	V
Vg2	—	147	88	—	260		—	V
Vg3(5)	250	50	—	—	—		—	V
Ia	4,1	0,72	3,95	0,78	34		0,11	mA
Ig2	—	3,1	1,04	—	4,8		—	mA
Ig3(5)	0,12	1,11	—	—	—		—	mA

VC1 = 295 V VC2 = 266 V

A

R1	0,22 MΩ	48 425 10/220K	C1	25 μF	48 312 09/25
R2	220 Ω	46 468 10/220E	C2	25 μF	48 312 09/25
R3	0,82 MΩ	48 425 10/820K	C3	11-490 pF	
R4	470 Ω	48 425 10/470E	C4	11-490 pF	28 212 11.0*
R5	82000 Ω	48 426 10/82K	C5	11-490 pF	
R6	15 Ω	48 425 10/15E	C6	2,5-30 pF	—
R7	22000 Ω	48 425 10/22K	C7	2,5-30 pF	—
R8	27000 Ω	48 427 10/27K	C8	2,5-30 pF	—
R9	47000 Ω	48 425 10/47K	C9	2,5-30 pF	—
R10	27 Ω	48 425 10/27E	C10	12-170 pF	28 211 31.0*
R11	15000 Ω	48 427 10/15K	C11	15000 pF	48 751 10/15K
R12	27000 Ω	48 469 10/27K	C12	2,5-30 pF	—
R13	9,5 Ω	28 775 29.0*	C13	2,5-30 pF	—
R14	3,3 MΩ	48 427 10/3M3	C14	2,5-30 pF	—
R15	3,3 MΩ	48 427 10/3M3	C15	2,5-30 pF	—
R16	33 Ω	48 425 10/33E	C16	12-170 pF	—
R17	47000 Ω	48 425 10/47K	C17	12-170 pF	—
R18	4,7 MΩ	48 427 10/4M7	C18	12-170 pF	—
R19	0,5 MΩ	28 812 53.1	C19	12-170 pF	—
R20	1,5 MΩ	48 426 10/1M5	C20	100 pF	48 406 10/100E
R21	0,1 MΩ	48 425 10/100K	C21	0,32 μF	28 199 14.0*
R22	0,1 MΩ	48 425 10/100K	C22	47000 pF	48 751 10/47K
R24	27 Ω	48 425 10/27E	C23	10000 pF	48 751 10/10K
R25	0,68 MΩ	48 425 10/680K	C24	47000 pF	48 751 10/47K
R26	47 Ω	48 426 10/47E	C25	100 pF	48 406 10/100E
R27	56 Ω	48 426 10/56E	C27	1575 pF	4842901/1K575
R28	3300 Ω	48 552 10/3K3	C29	147 pF	48 429 02/147E
R29	0,68 MΩ	48 425 10/680K	C30	25 μF	48 312 09/25
R30	0,27 MΩ	48 425 10/270K	C31	47000 pF	48 751 10/47K
R31	1,5 MΩ	48 426 10/1M5	C32	47000 pF	48 751 10/47K
R32	2,2 MΩ	48 427 10/2M2	C33	100 pF	48 406 10/100E
R33	150 Ω	48 425 10/150E	C34	47000 pF	48 751 10/47K
R34	120 Ω	48 426 10/120E	C35	47000 pF	48 751 10/47K
R35	1000 Ω	48 425 10/1K	C36	10000 pF	48 751 10/10K
R36	22 Ω	48 425 10/22E	C37	0,1 μF	48 751 10/100K
R37	47 Ω	48 425 10/47E	C38	22000 pF	48 751 10/22K
R38	0,68 MΩ	48 425 10/680K	C39	0,1 μF	48 751 10/100K
R39	120 Ω	48 425 10/120E	C42	320 pF	48 429 10/320E
R40	0,82 MΩ	48 425 10/820K	C43	400 pF	48 429 10/400E
R41	50000 Ω	28 815 54.1	C45	2200 pF	48 751 10/2K2
R42	0,39 MΩ	48 426 10/390K	C47	2,5-30 pF	—
R50	1 MΩ	48 426 10/1M	C48	2,5-30 pF	—
			C49	2,5-30 pF	—
C65	2 pF	28 205 88.0	C50	2,5-30 pF	—
C66	2 × 2 pF	28 205 88.0	C51	0,1 μF	48 751 10/100K
C67	3300 pF	48 751 10/3K3	C53	47 pF	48 406 10/47E
C68	47000 pF	48 757 20/47K	C57	1 μF	28 160 95.0*
C69	22000 pF	48 751 10/22K	C58	1 μF	28 160 95.0*
C75	10000 pF	48 752 10/10K	C59	6400 pF	48 429 02/6K4
C76	10000 pF	48 752 10/10K	C60	214 pF	48 429 01/214E
C77	2000 pF	48 429 10/2K	C61	6400 pF	48 429 02/6K4
C78	0,1 μF	48 752 10/100K	C62	214 pF	48 429 01/214E
C79	2000 pF	48 429 10/2K	C63	214 pF	48 429 01/214E
C80	2000 pF	48 429 10/2K	C64	2,5-30 pF	28 211 83.1

S1, S2, S3, S4	28 535 52.0	S22, S23, S24	28 572 11.0*
S5	28 546 54.0	S25	
S6, S7, S8, S9	28 572 08.0*	C12, C13	
C47, C48		S26, S27, S28,	28 572 09.1*
C49, C50, S10,	28 572 12.0*	S29	
S11		C14, C15	
S12, S13		S30, S31, C16	28 570 99.0*
S14, S15, S16,	28 572 07.0*	S32, C17	28 571 01.0*
S17		S33, S34, C18	28 570 99.0*
C6, C7		S35, C19	28 572 19.0*
S18, S19, S20,	28 572 10.1	S36, S37	28 534 64.0
S21		S38	28 220 43.1
C8, C9		S40	28 587 95.0*
		S45, S46	28 587 47.0*

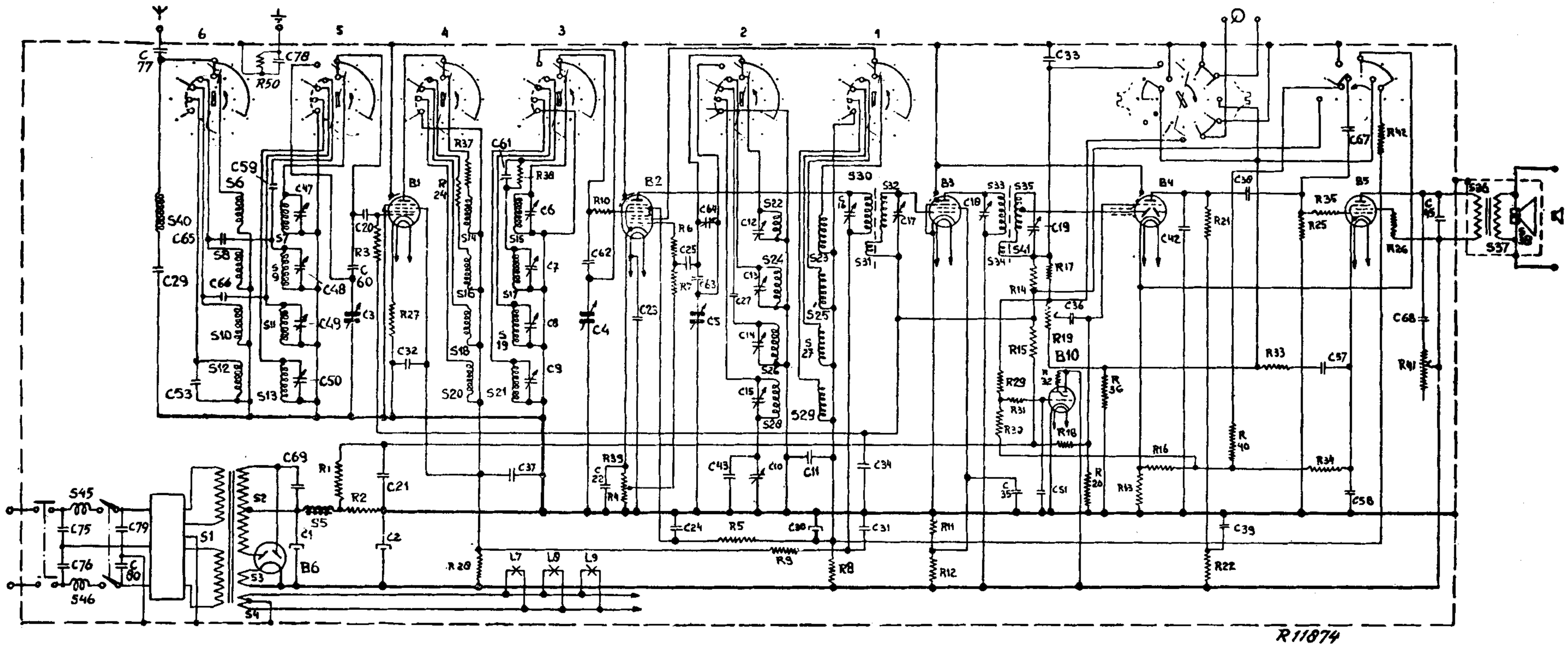
B

R1	150 Ω 3	48 427 10/150E	C1	0,1 μF	
R2	5000 Ω	28 802 48.0*	C2	0,1 μF	
R3	1000 Ω	28 801 78.1*	C3	0,1 μF	28 196 08.0*
R4	4000 Ω		C8	0,2 μF	
R5	100 Ω	48 427 10/100E	C4	0,5 μF	
Z1	1A	08 140 39.2	C5	0,25 μF	28 196 07.0*
Z2	1A	08 140 39.2	C6	0,1 μF	
			C7	0,1 μF	
S1		28 890 29.0*	C9	0,1 μF	48 752 10/100K
S2, S3, S4		28 571 11.0*	C10	0,47 μF	48 752 10/470K
S5, S6,		28 882 34.0*			

93 952 56.1

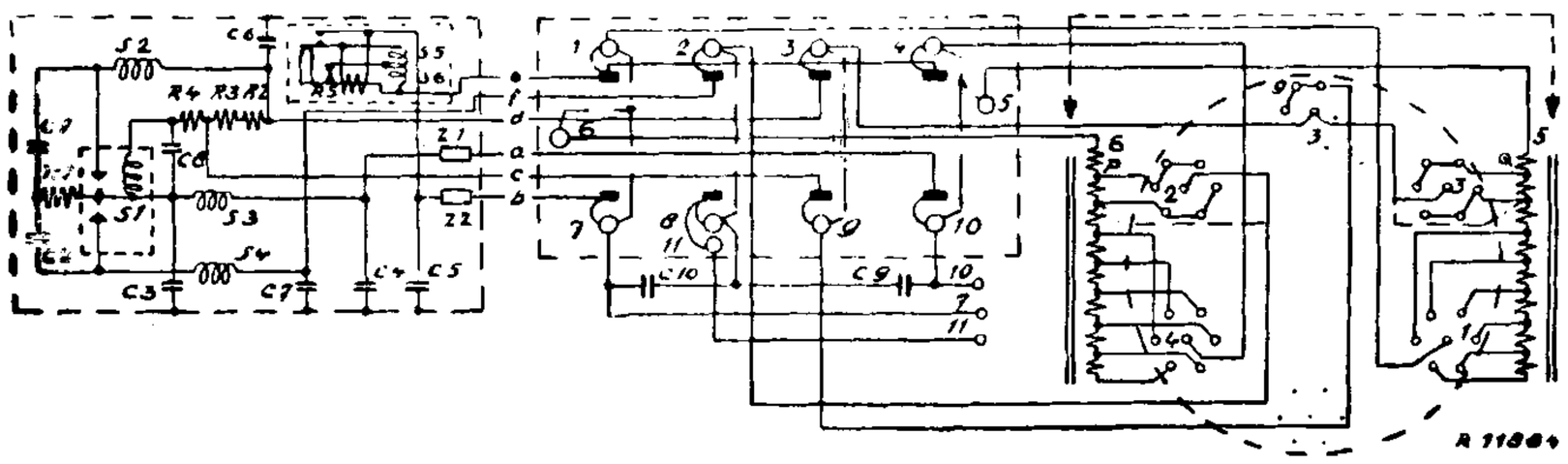
A

299 U

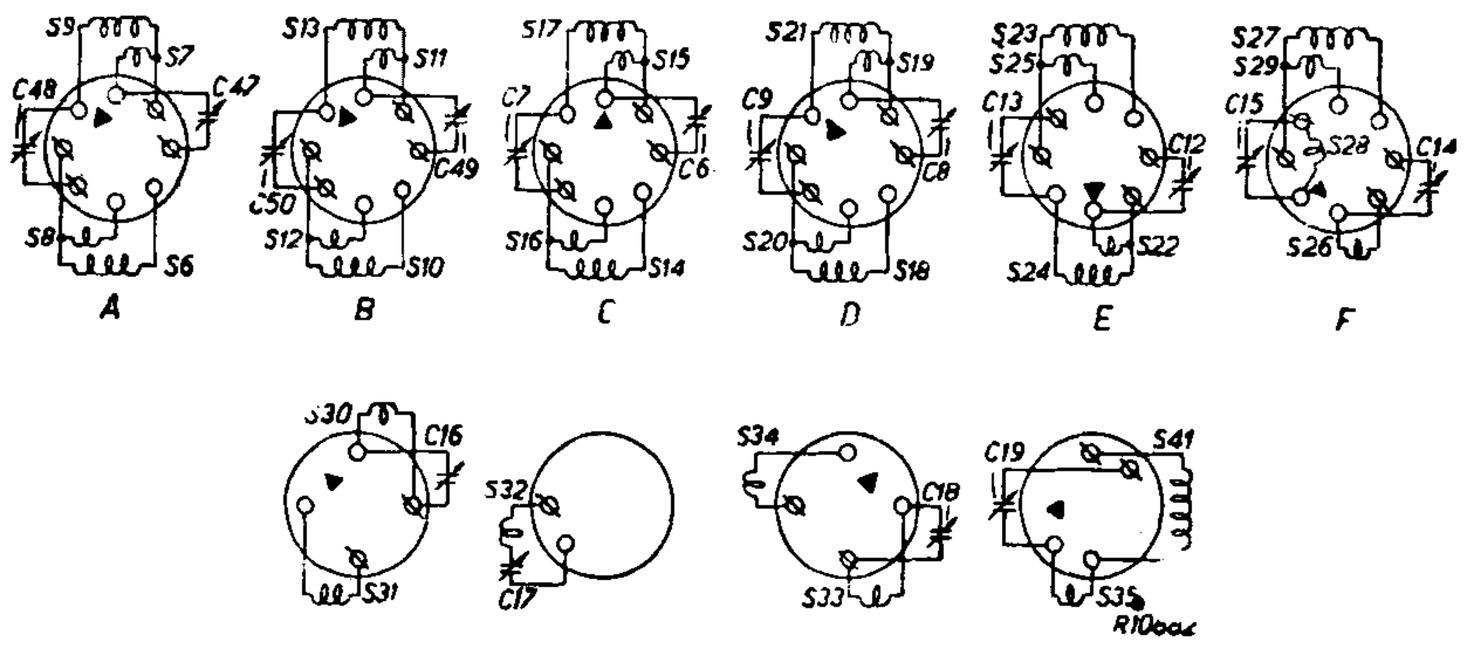


R 11874

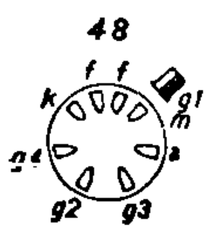
B



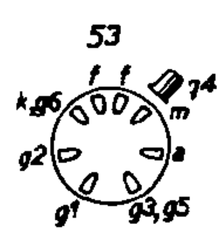
R 11884



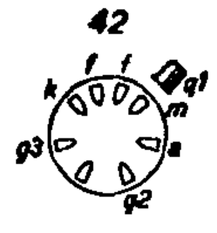
B1 — EF8



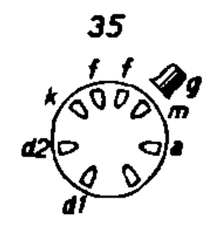
B2 — EK2



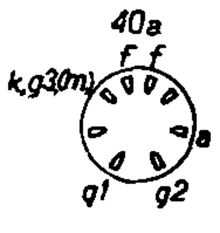
B3 — EF5



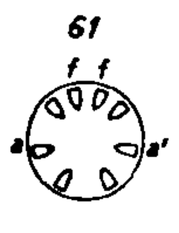
B4 — EBC3



B5 — EL3



B6 — AZ1



B10 — EM1