

TABLE SHOWING ARRANGEMENT OF REVERTING CALL SWITCH CODES ON SELECTOR BANKS

CALLING STATION	CALLED STATION									
	1 (-IR)	2 (-IT)	3 (+IR)	4 (+IT)	5 (-2R)	6 (-2T)	7 (+2R)	8 (+2T)		
	BANK TERM. CODE-RING. CODE-TIP									
01	02	03	04	05	06	07	08	09	00	
91	92	93	94	95	96	97	98	99	90	
8(+2T)	81 -1 +2	82 +2 -1	83 +1 +2	84 +1 -1	85 -2 +2	86 +2 -2	87 +2 +2	88 * +2	89	80
7(+2R)	71 +2 -1	72 +2 -1	73 +1 -1	74 +2 +1	75 +2 -2	76 +2 -2	77 * +2	78 +2 +2	79	70
6(-2T)	61 -1 -2	62 -1 -2	63 +1 -2	64 +1 -2	65 -2 -2	66 * -2	67 +2 -2	68 +2 -2	69	60
5(-2R)	51 -1 -1	52 -2 -1	53 +1 -2	54 -2 +1	55 * -2	56 -2 -2	57 +2 -2	58 -2 +2	59	50
4(+IT)	41 -1 +1	42 -1 +1	43 +1 +1	44 * +1	45 -2 +1	46 -1 -2	47 +2 +1	48 +2 +1	49	40
3(+IR)	31 +1 -1	32 +1 -1	33 * +1	34 +1 +1	35 +1 -2	36 +1 -2	37 +2 -1	38 +1 +2	39	30
2(-IT)	21 -1 -1	22 * -1	23 +1 -1	24 +1 -1	25 -2 -1	26 -2 -2	27 +2 -1	28 +2 -1	29	20
1(-IR)	11 * -1	12 -1 -1	13 +1 -1	14 -1 +1	15 -2 -2	16 -1 -2	17 +2 -1	18 -1 +2	19	10

* TEST CODES

DRAWING ISSUE
 1
 2-D
 3D
 4D
 5D
 NY
 A
 HO
 6D
 7B
 8D
 9D
 WAS PART OF SHEET I
 WORK DRAWING
 REPRODUCED
 WITHOUT CHANGE
 INFO. ON SHTS 1,
 2 & 3
 WAS SHOWN ON 2
 SHEETS SIZE RI
 ROZ
 10-19-70
 HW
 10B
 PD
 E
 F
 G
 H

SD-30978-01-2

SELECTOR CIRCUIT

SD-30978-01-2

BELL TELEPHONE LABORATORIES INCORPORATED

6S PRINTED IN U.S.A.

CIRCUIT REQUIREMENTS

REVERTING CALL SELECTOR CIRCUIT 9 PARTY SEMI-SELECTIVE RINGING (R C SEL & PTY SEMI) (2P MR) (GRD CO)

APPARATUS			MECH REQ			CIRCUIT PREPARATION			TEST SET			DIRECT CURRENT FLOW REQ			TIME REQ		REMARKS			
DESIG	CODE	FEA OR OPT	RESID	BSP FIG.	CONT PRES	ARM. TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WDG	TEST FOR	AFTER SOAK MA	TEST MA	READJ. MA		TEST SEC.	READJ. SEC.	
									CONN BAT.	CONN GRD.										
RELAYS																				
A	22IND		7-11	11		8	(B) NO (B) NO	TST. JK. 2 TST. JK. 2	TST. JK. 1 TST. JK. 1	M M	1, 2	P/S P/S	0 NO	FS FS	15.1 13.9	14.8 14.4				
B	248D		1.5-4	504		27	1(A) 1(A)		3(A) 3(A)	GRD. GRD.	3 3		0 NO	FS FS	10.5 8.5	10 9				
								TST. JK. 1 TST. JK. 1	TST. JK. 2 TST. JK. 2	V-BR V-BR	4, 5 5	H R						.333 .750	500	
							1(A)		3(A)	GRD.	5		NO	FS	8.5	9				
C	221CK		S-4	4		12	(VON) NO		2(H) 2(H)	GRD. GRD.	3 3		0 NO	500 500	90 62	85 69			.100	
								TST. JK. 1 TST. JK. 1	TST. JK. 2 TST. JK. 2	V-M V-M	5, 6 5	H R							.155	.140
									2(H)	GRD.	5		NO	500	62	69				
D	222BH		S-4	60		18			8T (K) 8T (K)	GRD. GRD.	7 7		0 NO	FS FS	9.5 6.1	9 6.5				
E	221CJ		S-4	16		13	(H) NO (H) NO		3(H) 3(H)	GRD. GRD.	3 3		0 NO	500 500	90 62	85 69			.100	
								TST. JK. 1 TST. JK. 1	TST. JK. 2 TST. JK. 2	V-M V-M	5, 6 5	H R							.155	.140
							(H) NO		3(H)	GRD.	5		NO	500	62	69				
F	222JL		S-4	373		23		11(D) 11(D) 11(D) 11(D)	8(D) 8(D) 8(D) 8(D)	B/G B/G B/G B/G	8, 13, 14 8, 13, 14 8, 13, 14 8, 13, 14	P P P P	0 NO 0 NO	FS FS FS FS	22.5 18 30 23	21 19.5 27 25.5				ADJ. "B" ADJ. "A"
							(G) O, 2(F)		2(F)	GRD.		S	0	FS	27.5	26				
									2(F)	GRD.	9	S	NO	FS	21.5	23				
G	221BY		4-8	125		17			3(Z) 3(Z)	GRD. GRD.	10 10		0 NO	FS FS	12.6 10.4	12 11				
H	222DA		S-4	136		13	6(H) 6(H)		7(E) 7(E)	GRD. GRD.			0 NO	FS FS	17 13.3	16 14				
J	221CB		S-4	38		13			5(Z) 5(Z)	GRD. GRD.			0 NO	FS FS	12.4 10.1	11.8 10.7				
K	224M		S-4	214		13	(B) NO (B) NO		7(H) 7(H)	GRD. GRD.			0 NO	FS FS	18 14	17 16				
L	221CA	3	7-11	10		12			8(L) 8(L)	GRD. GRD.	15 15		0 NO	FS FS	9.8 7.3	9.3 7.7				
L	U1393	4	132/136	H		47			T(L)	GRD.			0		18	17				
M	R 429	5		3	L	20			RB(M)	BAT			0		3.8	3.6				
Z	225M		S-4	305		16	7(Z) 7(Z)		9(Z) 9(Z)	GRD. GRD.			0 NO	FS FS	19 9.1	17 9.6				

TEST NOTES:

1. ARM. NEED NOT TOUCH CORE.
2. CONT. FOLLOW ON MAKE CONT. MIN. 8. CONT. SEPARATION ON ALL CONTS. MIN. 3.
3. FOR USE WHEN TIMING REQ. ARE NOT APPLIED.
4. TEST HOLD-USE 1400Ω LOOP IN PULSING TEST SET.
5. FOR USE WHEN TIMING REQ. ARE APPLIED.
6. TEST HOLD-USE LEAK "A" IN PULSING TEST SET.
7. TEST CONT. SEPARATION SPGS. 2-3 & 5-6 MIN. 13.
8. CONTACTS 1-2 SHALL MAKE BEFORE SPG. 1 STRIKES THE BUSHING ON SPG. 4.
9. CONTACTS 1-2 MAY MAKE & CONTACT 3-4 & 5-6 MAY BREAK.
10. CONTACT SEPARATION ON ALL CONTACTS MIN. 13.
11. AS PERMITTED BY SEQUENCE ANY TWO BREAK CONTACTS MAY BREAK.
12. SPGS. 9 & 11 TO MAKE CONTACT WHEN SELECTOR IS REMOVED.
13. REQ. FOR SPGS. 1 & 2.
14. ADJ. "A" IS SUPERSEDED BY ADJ. "B" ON ISSUE 3D.
15. THE REQUIREMENTS FORMERLY WERE:
RESID., S-4;

	TEST	READJ.
0	7.2	6.8
NO	5.7	6.1

FIG. 51
(FOR FIGS. 1 & 2)
356A

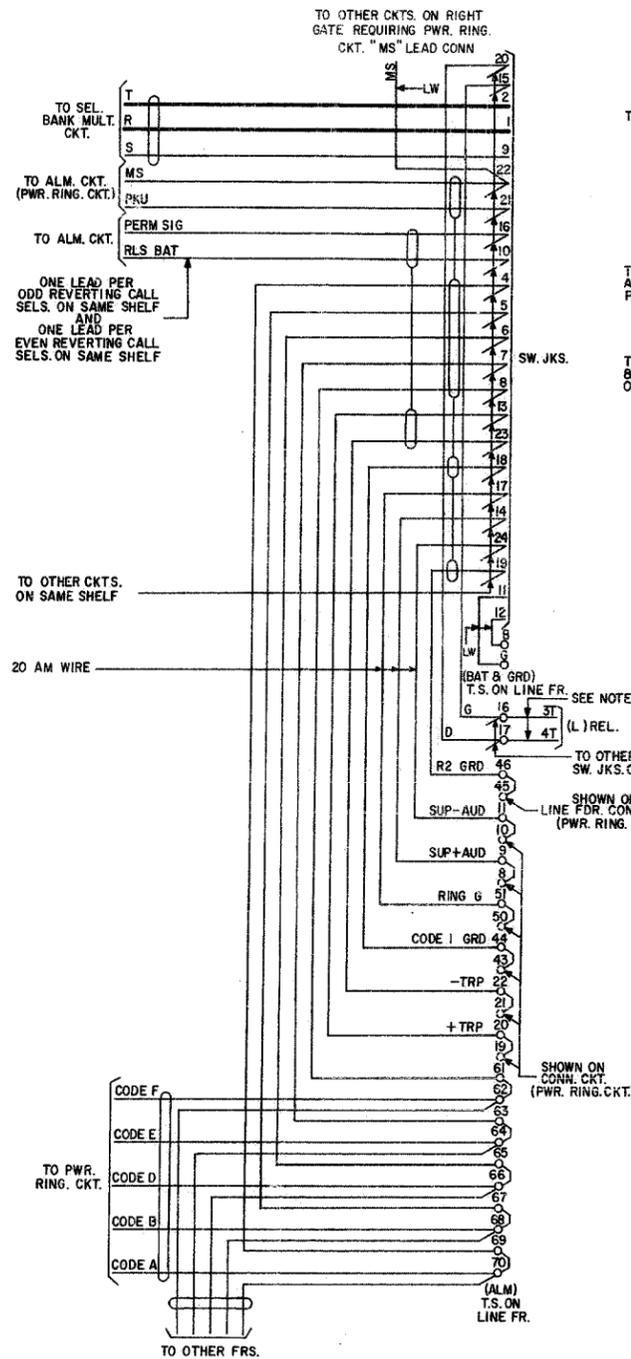
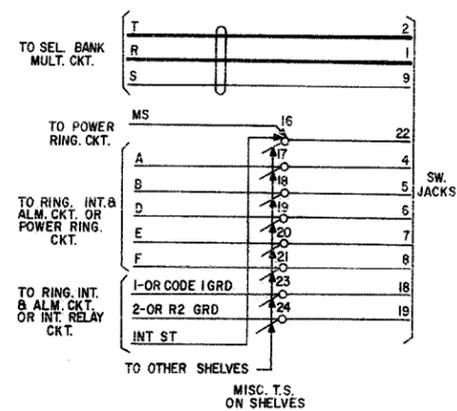


FIG. 52
(FOR FIGS. 1 & 2)
NO. 1, 350A, OR 355A



DRAWING	1
ISSUE	2D
	3D
	4D
	5D
	6D
	7B
	8D
	9D
SHEET	NO. WAS 2
WORN	DWG RE-
PRO-	DUCE
WITH-	OUT
CHANGE	INFO. ON
SHEETS	1, 2 & 3
WAS	SHOWN
ON 2	SHEETS
SIZE R1	ROZ
10-19-70	
10B	

10

SELECTOR CIRCUIT

SD-30978-01-3

BELL TELEPHONE LABORATORIES INCORPORATED

65 PRINTED IN U.S.A.

SD-30978-01-3