

1A1 KEY TELEPHONE SYSTEM
DIAL SELECTIVE INTERCOMMUNICATING LINES
FLASHING LINE LAMPS AND AUTOMATIC CUTOFF
26B, 207A OR 207B, 208A, 209A, AND 212A KEY TELEPHONE UNITS
TERMINATIONS IN APPARATUS CABINET

1.00 GENERAL

1.01 This section covers connections at the apparatus cabinet for dial selective intercom lines equipped with flashing line lamps and/or automatic cutoff. This includes strapping between key telephone units and terminating of key and running cables from key telephone stations.

1.02 Connections for power leads and power strapping for combinations of these key telephone units are covered in Section C71.383, 1A1 Key Telephone System, Power Wiring.

1.03 If the single spurt audible signal seems to be less than 1 second in duration, check the wiring connections of KS13491, List 2, 47-ohm, *A* and *B* resistors. The *A* resistor from the *T* relay should terminate on punching 3 of KS16171 *A* capacitor; the *B* resistor from the *B* relay should terminate on punching 2 of the *A* capacitor.

2.00 REFERENCES

Reference information for this section is given in Section C71.355, 1A1 Key Telephone System, Connection Data, Description and Use.

Strapping When a Station Utilizes a Common Ringer Common to Two or More Dial Selective Intercom Lines

TABLE 91.01

Dial Selective Intercom Line Station No.	Lead Desig	All 207A	All 207B
		Terminal	
2	R	15	(A)12
3	R	16	(A)13
4	R	17	(A)14
5	R	18	(A)15
6	R	19	(A)16
7	R	20	(A)17
8	R	21	(A)18
9	R	22	(A)19
0	R	23	(A)20

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TABLE 91.02

Dial Selective Intercom Lines with:

- 209A or 212A System Flashing and Time-out Unit
- 208A Signal Circuit Unit

Intercom Pickup Key Position	Lead Desig	209A(A)	212A(A, B)	All 208A
		Terminal		
Common Straps 1 through 6	TO	(A)13	(A)17	25
1	LF	(A)21	*	26
	LB	(A)22		27
2	LF	(A)23	*	26
	LB	(A)24		27
3	LF	(A)25	*	26
	LB	(A)26		27
4	LF	(A)27	(B)17	26
	LB	(A)28	(B)18	27
5	LF	(A)29	(B)27	26
	LB	(A)30	(B)28	27
6	LF	(A)19	(B)37	26
	LB	(A)20	(B)38	27

* When using the 212A key telephone unit as system flashing and time-out unit, the dial selective intercom lines can be connected only on the fourth, fifth, or sixth circuit of this unit.

Dial Selective Intercom Lines with:

TABLE 91.03

- 207A or B Dial Selective Intercom Line Unit
- 208A Signal Circuit Unit

Lead Desig	All 207A	All 207B	1st 208A Only	All 208A
	Terminal			
B R	27 2	(B)27 (B)2	16	13
T H	1 3	(B)1 (B)26		12 14
A	4	(B)23		17
D	26	(B)3		15—22—23—24—36

Station No.	Lead Desig	All 207A	All 207B	1st 208A	2nd 208A	3rd 208A
		Terminal				
2 3	C C	5 6	(A)2 (A)3	18 19		
4 5	C C	7 8	(A)4 (A)5	20	18	
6 7	C C	9 10	(A)6 (A)7		19 20	
8 9 0	C C C	11 12 13	(A)8 (A)9 (A)10			18 19 20

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TABLE 91.04

- Dial Selective Intercom Lines with:
- 207A or B Dial Selective Intercom Line Unit
 - 208A Signal Circuit Unit
 - 26B Automatic Cutoff Unit

Lead Desig	All 207A	All 207B	1st 208A	All 208A	26B
	Terminal				
CO CBAT			37	21	13 3—4—5—6
B R	27 2	(B)27 (B)2	16	13	
T H	1 3	(B)1 (B)26		12 14	
A D	4 26	(B)23 (B)3		17 15	

Station No.	Lead Desig	All 207A	All 207B	1st 208A	2nd 208A	3rd 208A	26B
		Terminal					
2	C E	5	(A)2	18 22			12
3	C E	6	(A)3	19 23			11
4	C E	7	(A)4	20 24			10
5	C E	8	(A)5		18 22		9
6	C E	9	(A)6		19 23		8
7	C E	10	(A)7		20 24		2
8	C E	11	(A)8			18 22	14
9	C E	12	(A)9			19 23	15
0	C E	13	(A)10			20 24	16

TABLE 91.05

Key Cable to 208A Signal Circuit Unit

1. To determine key cable pair, select horizontal block in left-hand table with same number as line number in key telephone set to which dial selective intercom circuit will be connected.
2. To determine terminals, select horizontal block in right-hand table with same number as station number being installed.
3. Connect cable pair selected in 1 to terminals selected in 2.

Intercom Pickup Key Position	Lead Desig	Key Cable		
		Pair No.	C Type	D Type
			Color	
1	R T	1	BL W	BL W
	A1 A	2	O W	O W
	L LG	16	G-BR W	BL Y
2	R T	3	G W	G W
	A1 A	4	BR W	BR W
	L LG	17	G-S W	O Y
3	R T	5	S W	S W
	A1 A	6	BL-W W	BL R
	L LG	18	BR-W W	G Y
4	R T	7	BL-O W	O R
	A1 A	8	BL-G W	G R
	L LG	19	BR-S W	BR Y
5	R T	9	BL-BR W	BR R
	A1 A	10	BL-S W	S R
	L LG	20	S-W W	S Y
6	R T	22	O R	O V
	A1 A	23	G R	G V
	L LG	24	BR R	BR V

Dial Selective Intercom Station No.	Lead Desig	1st 208A	2nd 208A	3rd 208A
		Terminal		
2	R T	2 1		
	A1 A	4 3		
	L LG	33 30		
3	R T	7 6		
	A1 A	4 8		
	L LG	34 31		
4	R T	10 9		
	A1 A	5 11		
	L LG	35 32		
5	R T		2 1	
	A1 A		4 3	
	L LG		33 30	
6	R T		7 6	
	A1 A		4 8	
	L LG		34 31	
7	R T		10 9	
	A1 A		5 11	
	L LG		35 32	
8	R T			2 1
	A1 A			4 3
	L LG			33 30
9	R T			7 6
	A1 A			4 8
	L LG			34 31
0	R T			10 9
	A1 A			5 11
	L LG			35 32

TABLE 91.06

Running Cable to 208A Signal Circuit Unit

Station No.	Lead Desig	Running Cable			1st 208A	2nd 208A	3rd 208A
		Pair No.	C Type	D Type			
			Color		Terminal		
2	R T	34	O-S R	BR-W R	2 1		
	A1 A		35	G-W R	S-W R	4 3	
	L LG	52		O-G BK	O-R W	33 30	
3	R T		36	G-BR R	BL-W BK	7 6	
	A1 A	37		G-S R	O-W BK	4 8	
	L LG		53	O-BR BK	G-R W	34 31	
4	R T	38		BR-W R	G-W BK	10 9	
	A1 A		39	BR-S R	BR-W BK	5 11	
	L LG	54		O-S BK	BR-R W	35 32	
5	R T		40	S-W R	S-W BK		2 1
	A1 A	41		BL BK	BL-W Y		4 3
	L LG		55	G-W BK	S-R W		33 30
6	R T	42		O BK	O-W Y		7 6
	A1 A		43	G BK	G-W Y		4 8
	L LG	56		G-BR BK	BL-R R		34 31
7	R T		44	BR BK	BR-W Y		10 9
	A1 A	45		S BK	S-W Y		5 11
	L LG		57	G-S BK	O-R R		35 32
8	R T	46		BL-W BK	BL-W V		
	A1 A		47	BL-O BK	O-W V		
	L LG	58		BR-W BK	G-R R		
9	R T		48	BL-G BK	G-W Y		
	A1 A	49		BL-BR BK	BR-W V		
	L LG		59	BR-S BK	BR-R R		
0	R T	50		BL-S BK	S-W V		
	A1 A		51	O-W BK	BL-R W		
	L LG	60		S-W BK	S-R R		