

REF. AND/OR WIRING	ISSUE		WAS PART OF	SUPPLIED BY	WIRED BY		FIGURE OR SUFFIX	TABLE	NOTES
	FIRST USED	LAST USED			FACTORY	INSTALLER			
A	1				#		1-3, 7-11	A	57
B	4	13			#		4-6	A	57
C	1	3		D	#		1-11		58
D	4				#		1-11	A	58
E	1				#		1-11	A	61, 62
F	8	10			#				60, 62
G	4	13	D		#		1-3	A	61
H	8	9	F		B				61
I	17				#				
J	1		E		*		1-11	A	61
K	10				*		1-11	A	61
L	4	10	D	#	*		1-11		62
M	11				*		1-11	A	62
N	12	15	Y		*				17
O	1				*		1-10	A	
P	1	8		P	#				14
Q									
R	9				*				14
S	1	11			*				15
T	12				#				15
U	21						11	A	
V	1	62			*				64
W	13				#				64
X	1				*				55
Y	1				#		1-3, 7-11	A	
Z	1	13			#		4-6	A	
ZZ	13				#				65
AA	1	22	CKT	88	*		1-11		
BB	23				*		1-12		

76-IF DEAD TONE IS NOT REQUIRED, AT END-POSITION
ON SHELF CONNECT SHELF-JACK SPRING 11 TO
SHELF-JACK SPRING 15.

77- IN THE "TERMINAL ASSEMBLY MOUNTED ON VERTICAL BANK", TERMINAL 1 IS CLOSEST TO THE BANKS, AND TERMINAL 9 IS THE OUTER-MOST TERMINAL, NEAREST YOU.

98-CONNECT VERTICAL-BANK LEVELS TO THE "TERMINAL ASSEMBLY MOUNTED ON THE VERTICAL BANK". AND BEND NORMAL-POST CAN LUGS, PER NOTES 51, 52 & 53 TO MEET CUSTOMER'S SWITCHING REQUIREMENTS.

24-UNIT SUPERVISORY RELAY TO BE BATTERY-CONNECTED

55-USE "X" WIRING WHEN RESTRICTED SERVICE IS ALWAYS TO TAKE PLACE ON SPECIFIED LEVELS. CONNECT "EC" LEAD TO JACK 7 IF RESTRICTED SERVICE IS CONTROLLED OVER "EC" LEAD.

56- SPECIFY A SERVICE FOR EVERY ONE OF THE 10 LEVELS. SPECIFY "CI" FOR EACH LEVEL (INCLUDING VALENT LEVELS) NOT REQUIRING OTHER SERVICE

57-PRIOR TO ISSUE 4, "A" WIRING WAS PART OF
CIRCUIT 6 "B" WIRING WAS NOT SHOWN, "A" & "B"
WIRING TO BE SPECIFIED PER FIGURE TABLE.

58-PRIOR TO ISSUE 4, "C" WIRING WAS PART OF CIRCUIT
 & "D" WIRING WAS NOT SHOWN. "D" WIRING
 SUPERSEDES "C" WIRING.

~~59-IF INCOMING SELECTOR IS ASSOCIATED WITH A TWO
WIRE TRUNK, USE LOCAL OPTIONS INSTEAD OF
INCOMING OPTIONS AND WIRE "C" LEAD TO INCOMING
TRUNK CIRCUIT.~~

60-PRIOR TO ISSUE 8, "E" WIRING OF FIGURES 1-6
WAS NOT DESIGNATED AND "F" WIRING & APPARATUS
AND FIGURES 7, 8 & 9 WERE NOT SHOWN. FIGURES
1-6 ARE NORMALLY PROVIDED. ENGINEER TO SPECIFY
FIGURES 7, 8 & 9 WHEN THIS SWITCH IS ACCESSED
FROM A PLUNGER LINE SWITCH

61-PRIOR TO ISSUE 10, WIRING "G" WAS PART OF WIRING "D", WIRING "J" WAS PART OF WIRING "E", WIRING "H" WAS PART OF WIRING "F" AND WIRING "K" WAS NOT SHOWN. BEGINNING WITH ISSUE 10, WIRING "J" SUPERSEDES WIRING "H".

62-PRIOR TO ISSUE 11, WIRING "L" WAS PART OF WIRING "D". V.O.N. HAD 7 SPRINGS NUMBERED AS IN PARENTHESES AND WIRING "M" WAS NOT SHOWN. BEGINNING WITH ISSUE 11, WIRING "M" SUPERSEDES WIRING "L". USE V.O.N. SPRING NUMBERS NOT IN PARENTHESES, APPARATUS & WIRING "F" IS DISCONTINUED, AND WIRING "E" IS USED FOR ALL FIGURES.

63-OFFICES WITH "LOCAL PREPAY" PAYSTATIONS USE
FIGURE 10. AT "LOCAL PREPAY" PAYSTATION LINE
ADAPTER. CONNECT TONE.

64-11200-10, ISSUE 13 "Y" WIRING WAS PART OF CIRCUIT F "W" WIRING
WAS NOT SHOWN. "W" WIRING SUPERSEDES "Y" WIRING.

09- PRIOR TO ISSUE 13, RELEASE MAGNET COIL HAD 1000 OHM N-1 WINDING, AND WIRING AND AMP APPARATUS "ZZ" WERE NOT SHOWN. BEGINNING WITH ISSUE 13, ONLY RELEASE MAGNET COIL'S N-1 WINDING AND PROVIDE "ZZ WIRING & APPARATUS" FOR FIELD CONVERSION, WIRING & APPARATUS "Z" MAYBE ADDED WITHOUT RELEASE MAGNET COIL CHANGE.

66-IF SWITCHES WITH TEST JACKS PRIOR TO ISSUE DATE TO BE CHANGED TO STANDARD TEST JACK, IT IS NECESSARY TO CHANGE THE WIPER CORD. IN CASES WHERE THE WIPER DOES NOT HAVE A CORD HOLDER, IT WILL BE NECESSARY TO CHANGE TO THE LATER TYPE WIPER ASSEMBLY WITH A CORD HOLDER.

31-INSTRUCT INSTALLER TO STRAP VERTICAL-BANK LEVELS TO "TERMINAL ASSEMBLY MOUNTED ON VERTICAL BANK", AND TO BEND LEFT NORMAL-POST CAM LUGS, TO OBTAIN SERVICES REQUIRED. THE BASIC SERVICES AVAILABLE ARE:

"C1" CUT IN ON LEVEL FIRST TIME IT IS DIALED
(NO ABSORPTION).
CONNECT LEVEL TO TERMINAL 1.

"A" ABSORB ONCE. CONNECT LEVEL TO TERMINAL 2.
FIRST TIME THIS LEVEL IS DIALED SHAFT
WILL DROP BACK.
NEXT DIGIT DIALED WILL CUT WIPERS IN ON
THIS OR ANY OTHER LEVEL;

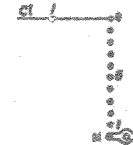
"A" ABSORBS REPEATEDLY. CONNECT LEVEL TO
TERMINAL 3.
EVERY TIME LEVEL IS DIALED (UNTIL A LEVEL
"A" HAS BEEN DIALED), SHAFT WILL DROP
BACK.

"B" BLOCKED LEVEL. BEND LEFT NORMAL-POST CAN
LUG FOR THIS LEVEL.
UNLESS A LEVEL "A" HAS BEEN DIALED
PREVIOUSLY, CALLER GETS BUSY TONE FROM
THIS LEVEL.
(AFTER LEVEL "A" HAS BEEN DIALED, SWITCH
CAN FIND AN IDLE TRUNK AHEAD ON THE
BLOCKED LEVEL).

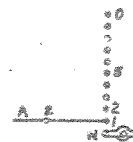
NOTE 53 GIVES INSTRUCTIONS HOW THESE BASIC SERVICES MAY BE VARIOUSLY COMBINED ON THE SAME LEVEL.

52-WHEREVER POSSIBLE (THAT IS, EXCEPT AS IN NOTE 53), STRAP A VERTICAL-BANK LEVEL DIRECTLY TO THE TERMINAL-ASSEMBLY TERMINAL FOR THE SERVICE DESIRED.

EXAMPLE 1: IF THE SWITCH IS ALWAYS TO CUT IN ON LEVEL 0 FIRST TIME DIALED (SERVICE "CI"), HAVE INSTALLER STRAP LEVEL C DIRECTLY TO TERMINAL 1.



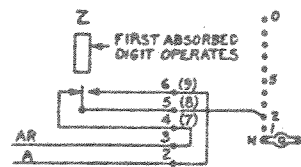
EXAMPLE 2: IF DIGIT "1" IS TO BE ABSORBED FIRST TIME DIALED, ONLY AND ON NEXT DIGIT THE SWITCH IS TO CUT IN ON LEVEL 1 AND/OR ANY OTHER LEVEL (SERVICE "A"), HAVE INSTALLER STRAP LEVEL 1 DIRECTLY TO TERMINAL 2:



53-IF DUAL MARKINGS (AR & A, OR CI & A, OR CI & AR) ARE REQUIRED FOR A LEVEL, CONNECT THE LEVEL'S VERTICAL-BANK TERMINAL TO TERMINAL-ASSEMBLY TERMINAL 5, AND STRAP TERMINAL 4 TO THE FIRST-DIGIT MARKING AND TERMINAL 6 TO THE SECOND-AND SUBSEQUENT-DIGIT MARKING.

IF ANOTHER LEVEL REQUIRES DIFFERENT DUAL MARKINGS, CONNECT THE LEVEL'S VERTICAL-BANK TERMINAL TO TERMINAL-ASSEMBLY TERMINAL 8, AND STRAP TERMINAL 7 TO THE FIRST DIGIT MARKING AND TERMINAL 9 TO THE SECOND-AND-SUBSEQUENT DIGIT MARKING.

EXAMPLE 3: IF FIRST DIGIT "2" IS TO BE ABSORBED AND 2ND DIGIT "2" ALSO IS TO BE ABSORBED, BUT 3RD DIGIT SHOULD CUT IN ON LEVEL 2 AND/OR ANY OTHER LEVEL, INSTALLER CONNECTS LEVEL 2 TO TERMINAL 5 (OR 8), STRAPS TERMINAL 4 (OR 7) TO "A" TERMINAL 3, AND STRAPS TERMINAL 6 (OR 9) TO "A" TERMINAL 2. THUS:



CURRENT DRAIN DATA AMPS
HOLDING CURRENT .035

ASSOCIATED DRAWINGS		
DRAWING NO.	ISS.	DESCRIPTION
AH-580298	20	ADJUSTMENT
E-580298	6	EXPLANATION

DESIGNED M.K. HECHTER APP'D. M.E. GRIFFINS SCALE: 10-20-50 DATE: 10-15-59 DO NOT SCALE DRAWING		DR. F.C.W. 10-20-59 CK. R.B. DATE: 10-15-59 DO NOT SCALE DRAWING		LOCAL OR INCOMING SEL. CRT. MULTIPLE DIGIT ABSORBING (MARKING TRANS. AFTER 1ST DIGIT) RESTRICTED SERVICE ABSENCE OF GRD. SEARCHING ROUTINER ACCESS	
SHEET 1 OF 2 CHANGES APP'D.		11-H-580298 (REC.) RECHMAN, DELETED NOTES 53 & 60 REVISED FIG. TABLE ADDING FIG. 10 & NOTES 61-63 S.F. 1-22-65 ISSUE: 11		12-H-580298 (REC.) ADDED NOTE 16. 1-6-65 ISSUE: 12	
13-H-580298 (REC.) ADDED NOTE 17. 1-6-65 ISSUE: 13		14-H-580298 (REC.) ADDED NOTE 18. 1-6-65 ISSUE: 14		15-H-580298 (REC.) ADDED NOTE 19. 1-6-65 ISSUE: 15	
16-H-580298 (REC.) ADDED NOTE 20. 1-6-65 ISSUE: 16		17-H-580298 (REC.) ADDED NOTE 21. 1-6-65 ISSUE: 17		18-H-580298 (REC.) ADDED NOTE 22. 1-6-65 ISSUE: 18	
19-H-580298 (REC.) ADDED NOTE 23. 1-6-65 ISSUE: 19		20-H-580298 (REC.) ADDED NOTE 24. 1-6-65 ISSUE: 20		21-H-580298 (REC.) ADDED NOTE 25. 1-6-65 ISSUE: 21	
22-H-580298 (REC.) ADDED NOTE 26. 1-6-65 ISSUE: 22		23-H-580298 (REC.) ADDED NOTE 27. 1-6-65 ISSUE: 23		24-H-580298 (REC.) ADDED NOTE 28. 1-6-65 ISSUE: 24	
25-H-580298 (REC.) ADDED NOTE 29. 1-6-65 ISSUE: 25		26-H-580298 (REC.) ADDED NOTE 30. 1-6-65 ISSUE: 26		27-H-580298 (REC.) ADDED NOTE 31. 1-6-65 ISSUE: 27	
28-H-580298 (REC.) ADDED NOTE 32. 1-6-65 ISSUE: 28		29-H-580298 (REC.) ADDED NOTE 33. 1-6-65 ISSUE: 29		30-H-580298 (REC.) ADDED NOTE 34. 1-6-65 ISSUE: 30	
31-H-580298 (REC.) ADDED NOTE 35. 1-6-65 ISSUE: 31		32-H-580298 (REC.) ADDED NOTE 36. 1-6-65 ISSUE: 32		33-H-580298 (REC.) ADDED NOTE 37. 1-6-65 ISSUE: 33	
34-H-580298 (REC.) ADDED NOTE 38. 1-6-65 ISSUE: 34		35-H-580298 (REC.) ADDED NOTE 39. 1-6-65 ISSUE: 35		36-H-580298 (REC.) ADDED NOTE 40. 1-6-65 ISSUE: 36	
37-H-580298 (REC.) ADDED NOTE 41. 1-6-65 ISSUE: 37		38-H-580298 (REC.) ADDED NOTE 42. 1-6-65 ISSUE: 38		39-H-580298 (REC.) ADDED NOTE 43. 1-6-65 ISSUE: 39	
40-H-580298 (REC.) ADDED NOTE 44. 1-6-65 ISSUE: 40		41-H-580298 (REC.) ADDED NOTE 45. 1-6-65 ISSUE: 41		42-H-580298 (REC.) ADDED NOTE 46. 1-6-65 ISSUE: 42	
43-H-580298 (REC.) ADDED NOTE 47. 1-6-65 ISSUE: 43		44-H-580298 (REC.) ADDED NOTE 48. 1-6-65 ISSUE: 44		45-H-580298 (REC.) ADDED NOTE 49. 1-6-65 ISSUE: 45	
46-H-580298 (REC.) ADDED NOTE 50. 1-6-65 ISSUE: 46		47-H-580298 (REC.) ADDED NOTE 51. 1-6-65 ISSUE: 47		48-H-580298 (REC.) ADDED NOTE 52. 1-6-65 ISSUE: 48	
49-H-580298 (REC.) ADDED NOTE 53. 1-6-65 ISSUE: 49		50-H-580298 (REC.) ADDED NOTE 54. 1-6-65 ISSUE: 50		51-H-580298 (REC.) ADDED NOTE 55. 1-6-65 ISSUE: 51	
52-H-580298 (REC.) ADDED NOTE 56. 1-6-65 ISSUE: 52		53-H-580298 (REC.) ADDED NOTE 57. 1-6-65 ISSUE: 53		54-H-580298 (REC.) ADDED NOTE 58. 1-6-65 ISSUE: 54	
55-H-580298 (REC.) ADDED NOTE 59. 1-6-65 ISSUE: 55		56-H-580298 (REC.) ADDED NOTE 60. 1-6-65 ISSUE: 56		57-H-580298 (REC.) ADDED NOTE 61. 1-6-65 ISSUE: 57	
58-H-580298 (REC.) ADDED NOTE 62. 1-6-65 ISSUE: 58		59-H-580298 (REC.) ADDED NOTE 63. 1-6-65 ISSUE: 59		60-H-580298 (REC.) ADDED NOTE 64. 1-6-65 ISSUE: 60	
61-H-580298 (REC.) ADDED NOTE 65. 1-6-65 ISSUE: 61		62-H-580298 (REC.) ADDED NOTE 66. 1-6-65 ISSUE: 62		63-H-580298 (REC.) ADDED NOTE 67. 1-6-65 ISSUE: 63	
64-H-580298 (REC.) ADDED NOTE 68. 1-6-65 ISSUE: 64		65-H-580298 (REC.) ADDED NOTE 69. 1-6-65 ISSUE: 65		66-H-580298 (REC.) ADDED NOTE 70. 1-6-65 ISSUE: 66	
67-H-580298 (REC.) ADDED NOTE 71. 1-6-65 ISSUE: 67		68-H-580298 (REC.) ADDED NOTE 72. 1-6-65 ISSUE: 68		69-H-580298 (REC.) ADDED NOTE 73. 1-6-65 ISSUE: 69	
70-H-580298 (REC.) ADDED NOTE 74. 1-6-65 ISSUE: 70		71-H-580298 (REC.) ADDED NOTE 75. 1-6-65 ISSUE: 71		7	