

101.	DESIG	FUSE AMP	POTENTIAL	ONE PER

[illegible]

103.	NETWORK VALUES			
	NETWORK		RESISTANCE IN OHMS	CAPACITANCE IN UF
	NO.	CODE		

[illegible]

105. WHEN EXCLUSION IS PROVIDED ON A 4-WIRE LINE, DISCONNECT, TAPE AND STORE INDICATED LEADS.

106. ALL CONVERTIBLE KEY POSITIONS ARE ARRANGED IN THE TOP AS PICKUP POSITIONS. TO CONVERT A KEY POSITION FROM PICKUP (LEADING) TO PLUNGER (NOCKING) POSITION, REMOVE THE SCREEN DETAIL 112A892 ENTIRELY FROM THE PLUNGER AT THE KEY POSITION TO BE CONVERTED. CHANGE LEADS AS FOLLOWS:

NO. OF PICKUP KEYS	NO. OF SIGNALING KEYS	KEY LEADS		
		BR	S-BR	BK-M
5	-	M	M	X
4	1	M	M	SG
3	2	M	SG	X
2	3	X	SG	X

107. PROVIDE MULTIPLE CONNECTIONS WHEN ASSOCIATED WITH 2-WIRE LINES OR AUXILIARY SERVICE TRANSFER CIRCUITS. PROVIDE INDIVIDUAL "A" LEADS TO EACH STATION ASSOCIATED WITH A 4-WIRE LINE.
108. PROVIDE MULTIPLE CONNECTIONS ONLY WHEN FURNISHING EXCLUSION ON A 4-WIRE LINE. PROVIDE INDIVIDUAL ET OR T AND ER OR R LEADS WHEN FURNISHING EXCLUSION ON A 2-WIRE LINE.
109. (F)W RING IS ALLIED CONTROL Co RMH-210, 300 OHM WINDING, OR RMH-299, 900 OHM WINDING, SPECIFIED IN KS-11212.1.1.

201. THE KS-8109 BUZZER SHALL BE MOUNTED IN THE SPACE PROVIDED ON THE RINGER BRACKET SO THAT ITS FRAME IS INSULATED FROM THE BASE OF THE SET.

3.01. UNLESS OTHERWISE SPECIFIED: ALL RESISTANCE VALUES ARE IN OHMS AND ALL CAPACITANCE VALUES ARE IN MICROFARADS.

3.02 WHEN HANDSET IS LIFTED CONTACTS b AND c CLOSE BEFORE d AND a, AND CONTACTS f AND g OPEN LAST. WHEN HANDSET IS REPLACED CONTACTS a AND b CLOSE BEFORE CONTACTS b AND c OPEN.

SD-69425-011

SD-69425-01

STATION SYSTEMS
KEY AND TELEPHONE CIRCUIT
FOR 2- AND 4-WIRE LINES
50-000 SET

AT&TCO
STANDARD

SD-69425-011

3 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

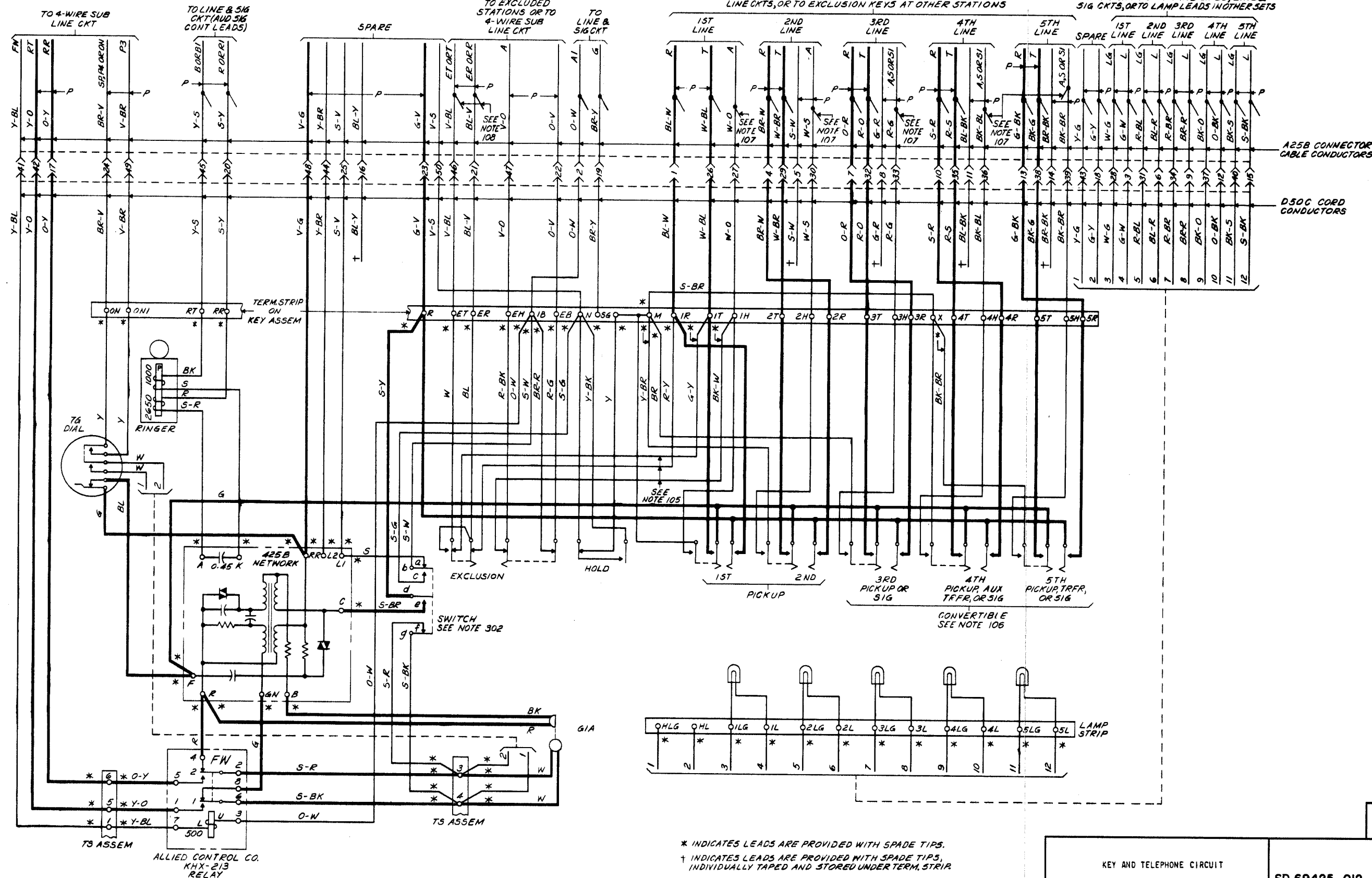
2
25

3

FIG. 1
KEY & TELEPHONE CIRCUIT
FOR 568 HB 6-BUTTON KEY TEL SETS ARRANGED FOR DIAL SERVICE
ON 2-WIRE & 4-WIRE NO. 5 X-BAR CENTRAL OFFICE LINES IN
CONNECTION WITH KEY EQUIPMENT SYSTEMS ARRANGED FOR PICKUP,
HOLDING, EXCLUSION, LAMPS TRANSFER TO DATA AND ENCRYPTION
EQUIPMENT, AND PRIVATE AND INTERCOMMUNICATING LINES
HPPPSPPPS

TO LINE & 516 CKTS, 4-WIRE SUB LINE CKTS, AUX SERVICE
TRFR CKTS FOR 4-WIRE LINES, INTERCOMMUNICATING
LINE CKTS, OR TO EXCLUSION KEYS AT OTHER STATIONS

TO 4-WIRE SUB LINE CKTS, AUX SERVICE
TRFR CKT FOR 4-WIRE LINES, LINE &
516 CKTS, OR TO LAMP LEADS IN OTHER SETS



* INDICATES LEADS ARE PROVIDED WITH SPADE TIPS.
† INDICATES LEADS ARE PROVIDED WITH SPADE TIPS,
INDIVIDUALLY TAPED AND STORED UNDER TERM. STRIP.

KEY AND TELEPHONE CIRCUIT

SD-69425-012

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SD-69425-01

CIRCUIT REQUIREMENTS

KEY AND TELEPHONE CIRCUIT

DRAWING
ISSUE

APPARATUS				MECH. REQ.				CIRCUIT PREPARATION				DIRECT CURRENT FLOW REQ.							REMARKS
DESIG	CODE	OPTION	FIG.	REP FIG	CONT PRESS	ARM TRVL	BLOCK OR INSULATE	TEST CLIP DATA		TEST SET PREP	SEE TEST NOTE	TEST WOG	TEST FOR	AFTER SOAK MA	TEST MA	REARJ MA			
								CONN BAT	CONN GRD										
RELAY																			
FW	KHX213		1					TERM. 1 (TERM. STRIP ASSEM)	TERM. 1B (KEY)	B/G			0		32	-	500 .2 WOG		
	ALLIED CONTROL CO.																		
FW	KHX298		1					TERM. 1 (TERM. STRIP ASSEM)	TERM. 1B (KEY)	B/G			0		20	-	KS-13132 L1 800 .2 WOG		
	ALLIED CONTROL CO.																		

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STATION SYSTEMS

KEY AND TELEPHONE CIRCUIT

2

35

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