204A SELECTOR (RECORDING SWITCH)
197AC SWITCH DOES NOT INCLUDE THE SLEEVE CUT OFF JACK
197AU SWITCH INCLUDES THE SLEEVE CUT OFF JACK
202C PLUG
202C JUSC JACK
20197GJ SWITCH INCLUDES NORMAL POST SPRING ASSEMBLY AND
THE SLEEVE CUT OFF JACK
20197GL SWITCH INCLUDES NORMAL POST SPRING ASSEMBLY AND
THE SLEEVE CUT OFF JACK

CIRCUIT NOTES:

(MFRDISC) SEE NOTE 108101. PROVIDE ONE 3 AMP FUSE PER CIRCUIT.

MER DISC 102. TO MAKE THIS CONNECTOR NON-REVERSING, REVERSE THE WIRES CONNECTED TO SPRINGS 7 AND 10 OF RELAY (D).

IMFR DISCOLOS. CONNECTIONS TO JACKS 5 AND 24 ARE SHOWN FOR -SUPERIMPOSED SEE NOTE 114 RINGING CURRENT. WHEN +SUPERIMPOSED IS USED TRANSPOSE LEADS Z.

104. SEE WORKING LIMITS FOR (F) REL REQUIRED.

105. (A) WHERE A CONNECTOR SERVES MORE THAN ONE PBX THE NUM-BERS OF THE (REC) BANK TERMINALS CORRESPOND TO THE NEXT TO LAST DIGIT OF THE LISTED PBX NUMBER WHEN TWO DIGITS ARE RECEIVED BY THE CONNECTOR, OR THE LAST DIGIT WHEN ONLY ONE DIGIT IS RECEIVED. THESE TERMINALS SHALL BE CONNECTED TO THE COMMUTATOR SEGMENT CORRESPONDING TO THE LEVEL WHICH IS TO BE FIRST CHOICE FOR TRUNK HUNTING FOR EACH PBX GROUP. EACH NEXT HIGHER NUMBERED TERMINAL SHALL BE ASSOCI-ATED WITH THE SECOND CHCICE LEVEL, ETC. THE ORDER OF MUNTING VARIES ON THE CONNECTORS ASSOCIATED WITH A PBX GROUP TO REDUCE AVERAGE HUNTING TIME. THE (RLS) BANK TERMINALS FOR THE LAST CHOICE LEVELS OF THE PBX GROUPS SHALL BE LEFT OFEN, EXCEPT THAT ONE SUCH TERMINAL MAY BE CONNECTED TO TERMINAL B FOR OVERFLOW PEG COUNT ON ONE PEX GROUP AT A TIME. ALL (RLS) BANK TERMINALS EXCEFT THOSE FOR LAST CHOICE LEVELS SHALL BE CONNECTED TO TERMINAL R.

(B) WHERE A CONNECTOR SERVES ONLY ONE PBX. CONNECT TER-MINALS I TO IO OF THE (REC) BANK TO COMMUTATOR SEGMENTS IN THE ORDER IN WHICH IT IS DESIRED THAT THE CONNECTOR HUNT OVER THE CORRESPONDING LEVELS. IN ALL OTHER RESPECTS, NOTE 105 (A) APPLIES.

(MFR DISC.) SEE NOTE 114

CONNECT LEAD Y TO SPRING 8 OF REL (Z) AND DISCONNECT LEAD X FROM SPRING 4 OF REL (Z) WHEN A CONNECTOR SERVES ONLY ONE PBX: OTHERWISE CONNECT LEAD X TO SPRING 4 AND DISCONNECT LEAD Y FROM SPRING B. WITH THE ABOVE WIRING THE 221DE REL MUST BE PROVIDED FOR (C).

PROVIDE ONE 1 1/3 AMP FUSE FROM TALK. BAT. PER CIRCUIT. PRIOR TO ISSUE 110. NOTE 101 WAS NOT RATED "MFR DISC." AND THIS NOTE WAS NOT SHOWN.

THE DIFFERENCE BETWEEN THE (C) RELAYS IS AS FOLLOWS:

, <u>O</u>	€ ,
014	9 1 4
Q 4607	o <u>i</u> ⊠ <u>†</u> 6
335 B -48V	375 8 -48V

110. USE W OPTION WHEN JOINT CONTROL OF THE RELEASE OF THE CONNECTOR BY THE CALLING AND CALLED PARTIES IS REQUIRED. THIS OPTION CANNOT BE USED WITH AUTOMATIC DISCONNECT, SEE

III. WHERE THE (T) AND (R) CAPACITORS ARE PART OF A MULTI-UNIT CAPACITOR, THEY SHALL SE BALANCED WITHIN D. II MF.

112. THE DIFFERENCE BETWEEN THE (D) RELAYS IS AS FOLLOWS:

THE DITTERENCE OF	CINCELL THE COL WELLING IS NO LOCKED
(€ 7	ூ
S-185	R-200 DEM
S-185 PT LM	R-200 RM

10-88012-02

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES IF JOB THIS OPTION DO NOT WAS SPECIFY FURN USE IN CIRCUIT CHANGED SEE ON ISS PROV MD STD ASM 38 M H OR N 221DE 109 221DE 221DM 7B 221DM REL 251HA 221DP 221HY 221DP 80 110 A OR B A B A 110 A 130 222AT 140 2480 REL 222AT 248D 221HY 158 1 221DP 200 8 OR B 200 X OR Y 1112 X S A OR B |11,114 S 21A V,T 21A V OR T A OR B IIIII S R.Q 25D 114 115 P U 570 23D 115 J K 23D 115 н 115 E 230 23D 144,115 ZA,ZB 114, 15 ZC, ZD 23D 114,115 77,00 230 FIG. 2 230 260 M DR N ZM N 26D ZE, ZF ZE 114 ZE, ZF 102,301 ZG 260 ZM ZN 270 ZN M,N,ORZM ZH. ZJ ZI, ZJ, ZP, ZI AND 114 ZI 27D ZP.ZQ ZH OR ZO ZE OR ZE ZN 114 ZP, ZQ 28D ZI OR ZJ 114 ZK, ZL ZK, ZL ZI,ZJ ZE OR ZF AND ZI ZH, ZO, ZS, ZT 114 ZF 28D 7T OR TH ZB, ZE, 290 117

PROVIDE APP FEATURE AND OPTION OR QUANTIT WIR CAPACITORS ON SWITCH. NETWORK USED FUR CONTACT PROTECTION Z,S CAPACITORS CAPACITORS ON SWITCH. SEPA-CONNECTED RATE CAPACITORS & RESISTORS USED FOR CONTACT PROTECTION CAPACITORS ON SHELF CAPACITORS CONNECTED T TO R & CAPACITORS ON SWITCH. NETWORKS USED FOR CONTACT PROTECTION Z.T R TO T
TO IMPROVE
EAL AGAINST
INDUCTIVE
DISTURBANCES AND RESISTORS USED
WHEN Y OPT
IS USED
(MFR DISC.)
CAPACITORS ON SWITCH. T.R CAPACITORS ON SHELF V.Q AC, DC OR SUP NEG MACHINE SUP POS ZD RINGING REVERSE REQD VY BAT. SUP NOT REQD TT WHEN CONN IS
REOD TO WAIT
FOR THE
UNITS DIGIT
BEFORE STG
LEV HTG

WHEN CONN
SERVES
MORE THAN ONE
PBX GROUP ZG ZO, WHEN HUNDS GRP AUTO DISC. PBX GRP OF CONN CONN SHELF HAS WHEN CONN IS MORE
REOD TO WAIT ONE PBX
FOR THE GRP NO INTERCEPT TRKS UNITS DIGIT BEFORE WHEN HUNDS GRP STARTING CONN SHELF HAS MORE THAN LEVEL INTERCEPT TRKS HUNTING

115. OPTIONS U,P,K,J,H,G,F,E,ZA,ZB,ZC,ZD,TT AND VV WERE ASSIGNED ON ISS 23D.

116. NORMAL POST SPRINGS OPERATE ON ALL LEVELS.

(MFR 117. DISC.)

Superior de la Company	N. Siles		PROVIDE				
FEATURE AND OPTION		FIG.	APP OR WIR			TITMAUQ	
WHEN CONN IS NOT REQD TO WAIT FOR THE UNITS DIGIT	WHEN CONN SERVES	ONE PBX GROUP		ZE	Z	В	
		MORE THAN ONE PBX GROUP		ZK	-		
AUTO. DISC. OF CONN WHEN CONN IS NOT REGD TO WAIT FOR THE UNITS DIGIT BEFORE STRRTING LEVEL HUNT- ING ONE PBX GRP GRP THAN ONE THAN ONE PBX GRP THAN ONE FPX GRP	PBX	WHEN HUNDS GRP CONN SHELF HAS NO		ZL ZS		ZB	
	THAN ONE PBX	INTERCEPT TRKS			ZP	ZΑ	
	PBX	WHEN HUNDS GRP				ZB	
	CONN SHELF HAS INTERCEPT TRKS			ZQ	ZA		

SXS NO. I SD-31359-01 SXS NO. 350A SD-31364-01 KEY SHEET INFO

WE CD DWG CD DWG CT

40 |3D |5D |4D AP | 15B APP 26 | 16D APP 30 | 17B APP 48 | 18D APP 50 | 19D APP 60 | 20D APP 70 | 18D APP 70 | 18D

26D 6D 9-3-58 C.F.L. A.S

28D 8D 5-20-60 FJB KBB

290 APP ID 11-17-64

8D APP 2D

DRAWING REFUR -

BISHED WITHOUT CHANGE 3-17-66

31 D APP 11-29-66 WE MKD RMW WE JS

270 70 7-9-59 MR RCD TE

AD GM

8-9-66 MD RMW

ED-31088-02 EQUIPMENT INFO

REPLACING BUT NOT INTERCHANGEABLE WITH ES-30360-01 SD-31088-01 STANDARD STEP-BY-STEP SYSTEMS A&M ONLY FOR 350A NO.1 OR 350A CONNECTOR CIRCUIT LOCAL LEVEL HUNTING SELECTIVE AND SEMI-SELECTIVE RINGING

SD-31088-01-1 5 SHEETS

ATRTCO

(LOC CONN LEV H)

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