

DWG ISSUE	CD ISSUE	DATE ISSUED	Desig	APPD
1	1	6-15-73	ZEN FJB	ERN ARA EC

[illegible]

SUPPORTING INFORMATION

CATEGORY	NO.
EQUIPMENT DRAWING	A-315669
20A2 POWER UNIT	SD-81824-0
MANUFACTURING TESTING REQ	X-17991

SHEET INDEX NOTES

1. WHEN CHANGES ARE MADE IN THIS DRAWING. ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

79B1 POWER SUPPLY

SD-82227-01-A1

ISSUE

POWER SYSTEMS

POWER SUPPLY CIRCUITS

INPUT: 105-129 VOLTS, 60HZ, 130 WATTS
 OUTPUT: DC TALK 18-26 VOLTS, 0.6 AMP
 SIG 20-26 VOLTS, 1.5 AMP
 TOTAL DC 18-26V 1.5 AMP
 60HZ 8.75-11 VOLTS, 4.5 AMP
 30HZ 110-125 VOLTS, 0.06 AMP
 7981 POWER UNIT

AT&T CO
STANDARD

SD-82227-01-A1
4 SHEETS

BELL TELEPHONE LABORATORIES
INCORPORATED

69

FSI

CPI

INTER I

PUI
20M2 POWER UNIT
(SD-81824-01)

$\pm 18V AC$
(SEE NOTE 203)

$\pm 10V AC$

$\pm 10V AC$

-24V DC

B SIG

A TLK

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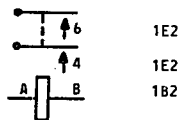
TLK

110

APP FIG. 1

RELAY

K1
KS-21278, L1 (SEE NOTE 202)



CIRCUIT PACK

DESIG CODE
CP1 840741433

E/W

CONNECTOR ON CABLE ASSEMBLY
SEE NOTE 302.

CONNECTOR

DESIG	J1	J2	J3	J4	J5	DESIG
CODE	*	*	*	*	9078 SOCKET	CODE
OPTION						OPTION
TERM.	LOC	LOC	LOC	LOC	LOC	TERM.
24	1G3	1G4	1G6	1G8		24
23						23
22	1G3	1G4	1G6	1G8		22
21	1G3	1G4	1G6	1G8		21
20	1G3	1G4	1G6	1G8		20
19	1G3	1G4	1G6	1G8		19
18						18
17	1G3	1G4	1G6	1G8		17
16	1G3	1G4	1G6	1G8		16
15						15
14					1C8	14
13					1C8	13
12	1G3	1G4	1G6	1G8	1B8	12
11					1B8	11
10					1A8	10
9	1G3	1G4	1G6	1G8	1C8	9
8	1G3	1G4	1G6	1G8	1C8	8
7					1B8	7
6					1B8	6
5					1C8	5
4	1G3	1G4	1G6	1G8	1B8	4
3					1B8	3
2					1C8	2
1	1G3	1G4	1G6	1G8	1C8	1

* BURNDY CORP, SMS24RE-7D45, CONNECTOR, RECEPTACLE

INTERRUPTER

DESIG LOC CODE
INTER 1 1A9 KS-19175, L3

POWER UNIT

DESIG LOC CODE
PU1 1A1 20A2

SD-82227-01-C1

CIRCUIT NOTES:

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

FEATURE OR OPTION	PROVIDE	
	APP FIG.	APP OR WRG QUANTITY

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES							
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT			
				STD	A&M	MD	

EQUIPMENT NOTES:

- ALL WIRES TO BE 18 GAUGE KS-19195, L1 SOLID, UNLESS OTHERWISE SPECIFIED.
- (K1) MAY BE THE POTTER BRUMFIELD KU4925 RELAY IN INITIAL PRODUCTION UNTIL THE KS-21278, L1 RELAY IS AVAILABLE.
- THE ±18V AC FUSE AND THE THREE SCREWS ASSOCIATED WITH IT ON THE 20A2 POWER UNIT SHALL BE REMOVED.

INFORMATION NOTES:

- UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS. CAPACITANCE VALUES ARE IN MICROFARADS. INDUCTANCE VALUES ARE IN MICROHENRIES. VALUES PRECEDED BY THE SYMBOL +(PLUS) OR -(MINUS) ARE IN VOLTS.
- MATING OUTPUT CABLE ASSEMBLY 841052673, FOR CONNECTORS J1, J2, J3 & J4, IS COMPONENT PART OF CONNECTING EQUIPMENT.
- THE 7981 UNIT IS INTENDED TO BE LISTED BY UNDERWRITERS LABORATORIES.

SD-82227-01-D1

POWER SUPPLY CIRCUITS		SD-82227-01-D1	
BELL TELEPHONE LABORATORIES INCORPORATED		65	PRINTED IN U.S.A.