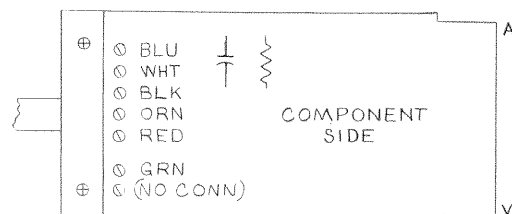
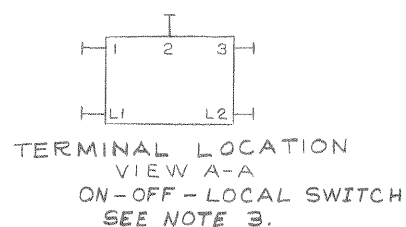
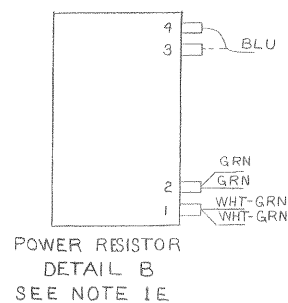
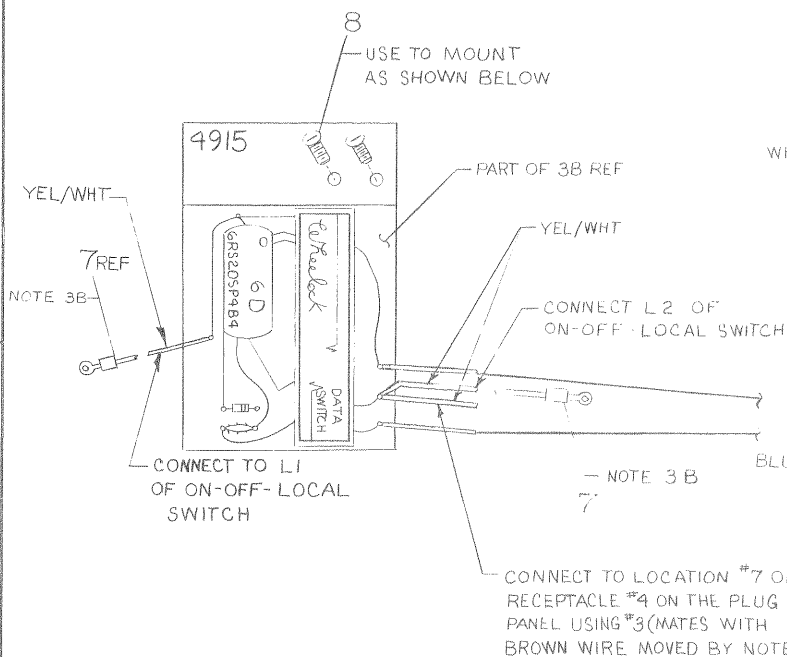


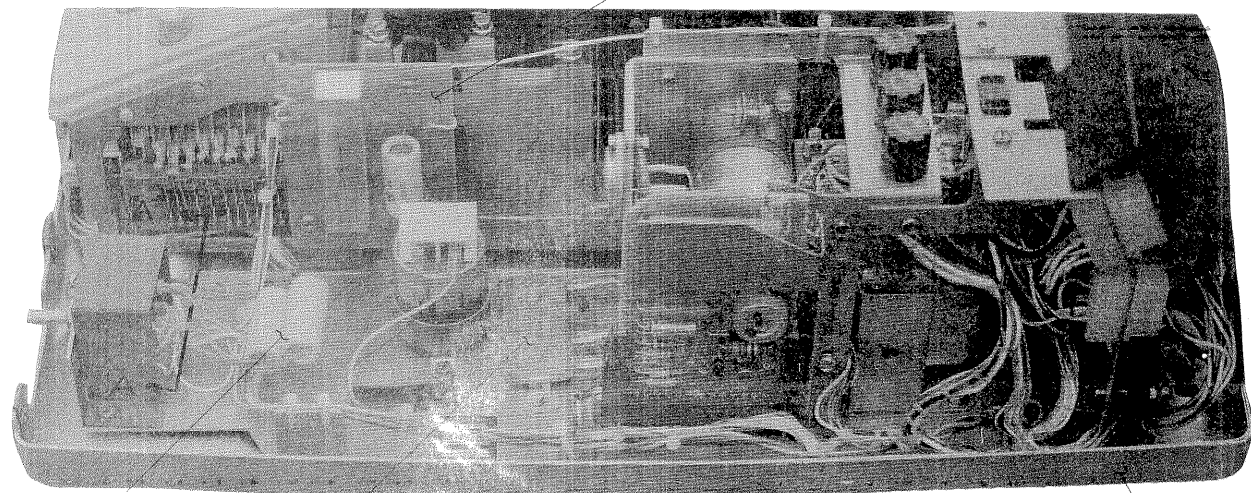
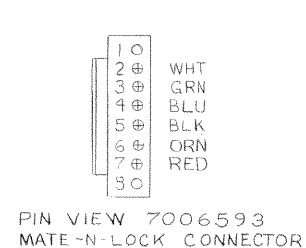
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CABLE CONNECTIONS TO TERMINAL BOARD

NUMBER IN LUG CORRESPONDS
TO TERMINAL BOARD
NUMBERS



W076 REV'D CONN. (7005676)
NOTE: YELLOW IS SOMETIMES USED INSTEAD OF WHITE.
GRAY IS SOMETIMES USED INSTEAD OF GREEN.



SEE NOTE 3A
6RS20SP4B4
THYRATORS

ASR-33 TELETYPE MODIFICATIONS &
CABLE CONNECTIONS. (ALL UNITS USING RELAY
CONTROLLED READER) 4915 CARD INSERTED

SEE DETAIL B

TTY. CABLE VARIATIONS

PROD LINE	CABLE NUMBER
PDP-8, 8L, 8S	7006593-1 (12 FT) + W078
PDP-12, LINC 8	7006593-2 (18 FT) + W078
PDP-9, 9L	
PDP-8E, PDP-11	7006593-1 (12 FT)
PDP-15	7006593-2 (18 FT)

NOTES:

- ADDITIONAL ELECTRICAL CHANGES TO
TERMINAL BOARD CONNECTIONS AND
CALL CONTROL UNIT.
A. REMOVE BRN/YEL WIRE FROM LUG 3
& PLACE ON LUG 5.
B. REMOVE BLU/WHT WIRE FROM LUG 4
& PLACE ON LUG 5.
C. REMOVE PURPLE WIRE FROM LUG 8
& PLACE ON LUG 9.
D. MOVE BROWN WIRE ON PLUG #4 FROM
LOCATION #11 TO LOCATION #7 (MATES WITH
YEL/WHT WIRE FROM 4915)
E. MOVE BLUE WIRE FROM TERMINAL #3
TO TERMINAL #4 (END) OF 181816 POWER
RESISTOR.
2. MECHANICAL CHANGES
A. REMOVE SPRING & WRU PAWL UNIT
FROM SLOT 'N' IN FUNCTION CASTING.
3. A. ADD (2) 6RS20SP4B4 THYRATORS
DEC #1100106 TO UNIT & WIRE AS
INDICATED BELOW USING ITEM #7

FROM	TO
THYRATOR #1	CONN #2 L OF ON-OFF PWR SW
#2	CONN 2
THYRATOR #2	CONN 1 OF ON-OFF PWR SW

- B. USING ITEM #7 CONNECT YEL-WHT WIRES
TO INDICATED TERMINALS OF ON-OFF-LOCAL
SWITCH.
C. USE ITEM #9 & #10 TO TIE WIRING.
4. TELETYPES FOR USE ON 50 HZ OR VOLTAGES
OTHER THAN 115V ALSO REQUIRE
MODIFICATION PER DWG. D-IA-7505039-0-0

1	MODULE, ADAPTER W078	W078	11
2	CABLE TIE 3/16 X 6-1/2 LG SST 2M	9007032	10
15	CABLE TIE 3/32 X 3-3/4 LG SST 1M	9007031	9
2	SCR. PH. PAN HD. 6-32 X 1/4	9006020-1	8
5	SOLDERLESS TERM #6AWG 18-22	9007929	7
2	THYRATOR GE 6RS20SP4B4	1100106	6
1	CABLE ASSY. MATE-N-LOCK T04915	7006593	5
1	CABLE ASSY. W076 TO 4915	7005676	4
1	PIN TELETYPE 182644	2911459	3
1	TTY. WRITER MODEL 33TU (60HZ)	3004779	2
1	TTY. WRITER MODEL 33TBP (50HZ)	3005716	1

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
LT33-DA					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		PARTS LIST			
DECIMALS	ANGLES	TITLE			
XXX = .005		TELETYPE MODIFICATIONS (LT33)			
XX = .02	± 0° 30'	SIZE CODE			
X = .1		NUMBER			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DIA 7505038-0-0			
MATERIAL		REV. C			
FINISH		SHEET 1 OF 2			

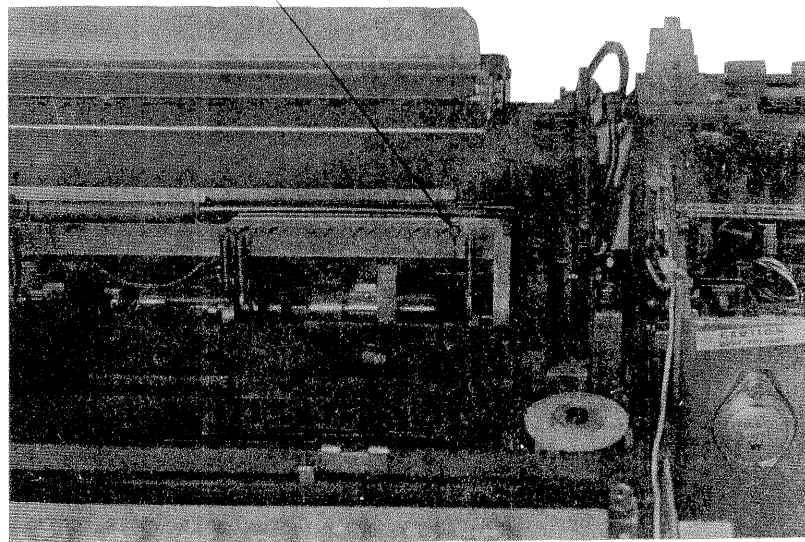
REV.	CHG.	NO.	DATE	BY
1	LT33-000002	B	2-24-70	R. THELLEN
2	REVISED & REDRAWN		2-24-70	K. RUSS
3	2-20-71		3-3-70	W. DAVIS
4	A. KENT		3-3-70	C. BLASI
5	Allen Kent 28 July 71		3-3-70	T. MACDONALD
6	LT33-000003	C		
7	71-0000 10-21-71			
8	A. KENT			
9	Allen Kent 28 Oct 71			

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REV. C
NUMBER DIA7505038-0-0
SIZE CODE 2

WRU PAWL SPRING

SEE NOTE 2A
PARTS TO BE REMOVED
INDICATED BY DASHED LINE

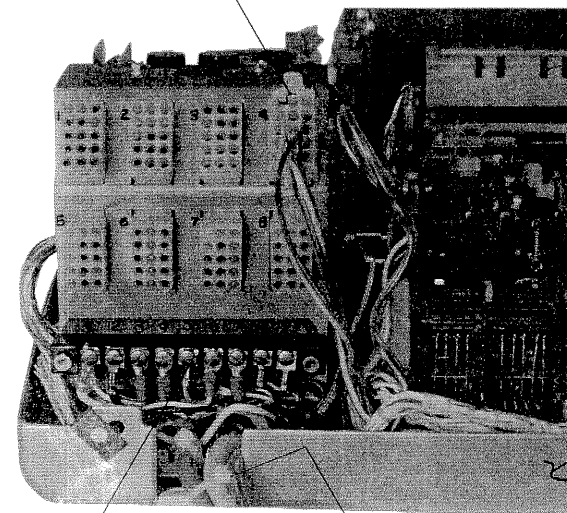


PLUG PANEL

SEE CABLE LAYOUT
SHEET 1 AND NOTE 1D

00000-04-0-1
00000-04-0-1
00000-04-0-1
00000-04-0-1

WIRING SIDE VIEW OF
PLUG #4. (PIN SIDE VIEW
OF RECEPTACLE #4)



SUB BASE

SEE NOTE 1
TERMINAL BOARD

10
SECURE INTERFACE CABLE TO
CALL CONTROL UNIT AND
POWER CORD.

FIRST USED ON OPTION/MODEL
+ + +

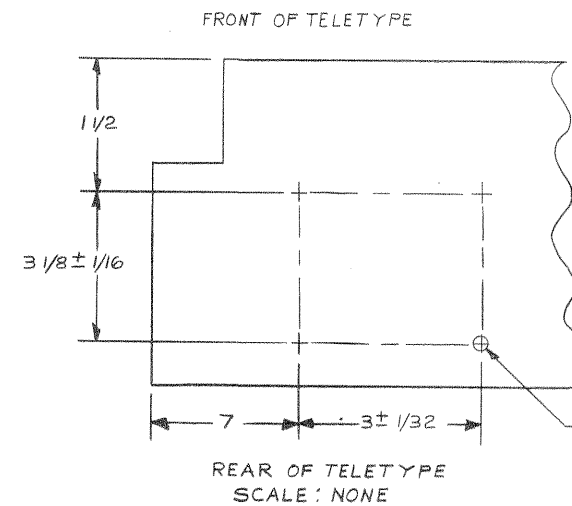
DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS FRACTIONS ANGLES
± .005 ± 1/64 ± 0°30'
FINAL SURFACE QUALITY ✓
REMOVE BURRS AND BREAK SHARP
CORNERS
MATERIAL
+ + +
FINISH
+ + +

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN	R. THELLEN	DATE 2-24-70	
CHK'D	K. RUSS	DATE 2-24-70	
ENG.	W. DAVIS	DATE 3-3-70	
PROJ. ENG.	C. BLASI	DATE 3-3-70	
PROD.	T. MACDONALD	DATE 3-3-70	
NEXT HIGHER ASSY		+ + +	
SCALE		+ + +	
SHEET 2 OF 2		+ + +	
TITLE TELETYPE MODIFICATIONS (LT-33)			
SIZE CODE DIA7505038-0-0		NUMBER C	
DIST.		REV. C	

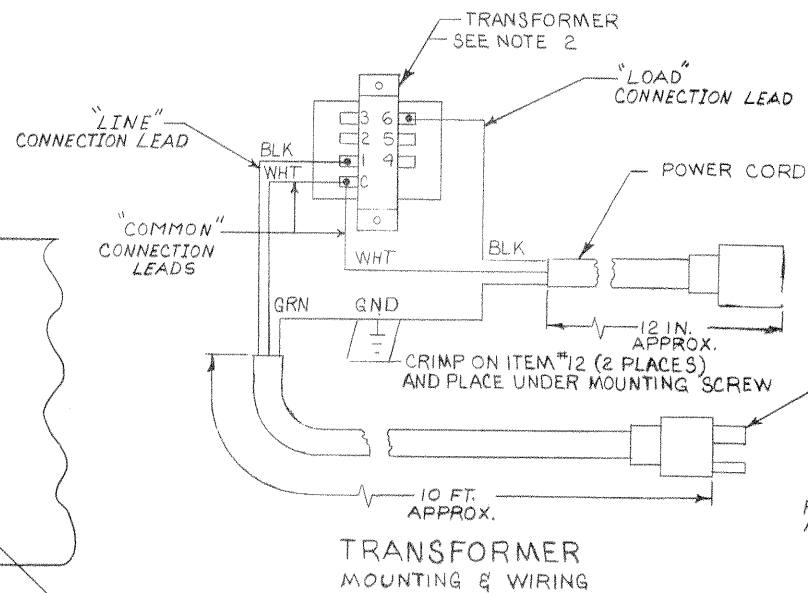
REVISIONS
CHANGE NO.
REV.
CHK

DEC FORM NO.
100

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HOLE DRILLING DIAGRAM FOR MOUNTING OF TRANSFORMER, ITEM #5, TO PLATE INSIDE BOTTOM OF BASE.



TRANSFORMER MOUNTING & WIRING

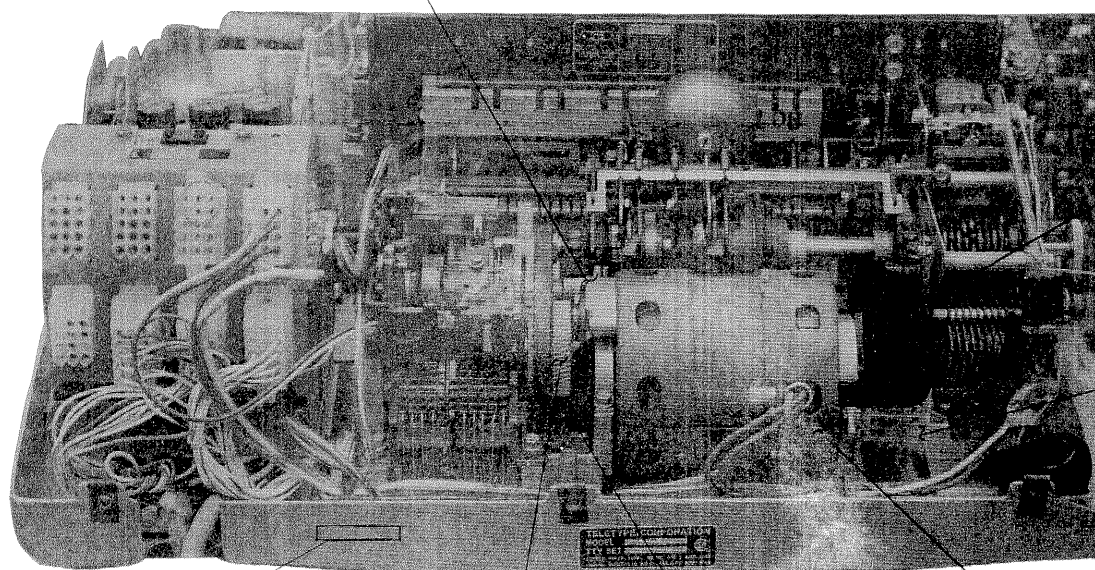
TRANSFORMER TAP TABLE				TRANSFORMER TAP TABLE			
VOLTAGE	LINE	LOAD	COMMON	VOLTAGE	LINE	LOAD	COMMON
126	6	4	C	287	3	4	C
121	5	4	C	275	2	4	C
115	6	6	C	274	3	5	C
110	5	4	1	265	1	4	C
108	6	4	1	263	2	5	C
100 *	1	3	4	260	3	6	C
96	C	1	5	252	1	5	C
90	C	2	5	250	2	6	C
85	C	3	6	240 *	1	6	C
82	C	2	4	220	C	6	1
77	C	3	4	213	C	6	2
				213	C	5	1
				206	C	6	3
				204	C	5	2
				203	C	4	1
				198	C	5	3
				197	C	4	2
				193	C	4	3

*INDICATES STD. FACTORY CONNECTIONS

THIS TABLE PROVIDES 115V TO THE LOAD AT THE NOMINAL LINE VOLTAGE

NOTES:

- FOR 50 HZ OPERATION, PERFORM THE FOLLOWING CHANGES (NOT NECESSARY IF STARTING WITH TELETYPE 33 TBP):
 - REMOVE MOTOR AND REPLACE WITH ITEM #1 (NOT NECESSARY IF MOTOR WAS ALREADY 50/60 HZ ON NAME PLATE)
 - REMOVE DRIVE GEAR AND REPLACE WITH ITEM #2
 - REMOVE PINION GEAR AND REPLACE WITH ITEM #3
 - REMOVE PLATE WITH STUD AND REPLACE WITH ITEM #4. (181850 CAN BE USED WITH 50 OR 60 HZ).
- FOR OPERATION ON VOLTAGES OTHER THAN 115V, PERFORM THE FOLLOWING OPERATIONS.
 - MOUNT ITEM #5 IN BASE OF TELETYPE STAND USING ITEM #6 THRU #9. DRILL HOLES PER PATTERN SHOWN. CUT ITEM #10 AND CONNECT AS SHOWN.
- FOR OPERATION ON VOLTAGES FROM 190V TO 250V ON PDP8-E AND PDP11 TELETYPES CUT MALE PLUG OF POWER CORD AND REPLACE WITH ITEM #11. WIRE AS SHOWN.
- SEE ALSO DWG. D-1A-7505038-0-0 WHEN RELAY CONTROLLED READER IS REQUIRED.
- ADD FAN DEFLECTOR TO 50 HZ UNITS IF NOT ALREADY SUPPLIED.
- IF NOT CUT OFF, PAINT MALE END OF ITEM #10 RED WHEN WIRED FOR 190V TO 250V.



PLACE APPROPRIATE DECAL HERE INDICATING VOLTAGE AND FREQUENCY AFTER MODIFICATION.

SEE NOTE 1B

PINION GEAR

SEE NOTE 1A

MOTOR

QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	DECAL, VOLTAGE SPEC	7409045-2	13
2	SOLDERLESS CONN. #10 AWG 14-16	9007928	12
1	PLUG 220V	9008853	11
1	CORD SET 12 FT	9107673-12	10
4	HEX NUT 8-32 X 5/16 X 1/8	9006561	9
4	FLAT WASHER #8	9006650	8
4	LOCK WASHER #8	9006690	7
4	SCR. PAN HD 8-32 X 3/8	9006037-1	6
1	TRANSFORMER STEP-DOWN	1609313	5
1	PLATE W/STUD TELETYPE 181850	1204898	4
1	PINION GEAR 50 HZ TTY. 181851	1204849	3
1	DRIVE GEAR 50 HZ TTY. 181855	1204850	2
1	MOTOR 50 HZ TTY. 182267	1204789	1

FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. R. THELLEN		DATE 2-24-70		CHK'D. K. RUSS		DATE 2-24-70	
DECIMALS		ENG. W. DAVIS		DATE 3-3-70		PROJ. ENG. C. BLASI		DATE 3-3-70	
ANGLES		PROD. J. MACDONALD		DATE 3-3-70		NEXT HIGHER ASSY.		SCALE	
.XXX = .005		REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY		FINISH		SHEET 1 OF 1		DIST.	
.XX = .02		MATERIAL		SIZE CODE		NUMBER		REV.	
.X = .1		FINISH		DIA		7505039-0-0		C	

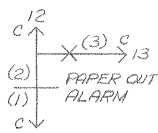
digital EQUIPMENT CORPORATION

TELETYPE MODIFICATIONS (50 HZ & 240V)

REVISIONS	CHANGE NO.	REV.	B
1	133-00002	B	
2	133-00003	C	
3	133-00004	D	
4	133-00005	E	
5	133-00006	F	
6	133-00007	G	
7	133-00008	H	
8	133-00009	I	
9	133-00010	J	
10	133-00011	K	
11	133-00012	L	
12	133-00013	M	
13	133-00014	N	
14	133-00015	O	
15	133-00016	P	
16	133-00017	Q	
17	133-00018	R	
18	133-00019	S	
19	133-00020	T	
20	133-00021	U	
21	133-00022	V	
22	133-00023	W	
23	133-00024	X	
24	133-00025	Y	
25	133-00026	Z	

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS					QUANTITY / VARIATION															
PARTS LIST					LT33-BB 50 Hz	LT33-BA 60 Hz														
MADE BY <i>C. Stephenson</i>		CHECKED D. HEALY		SECTION																
DATE <i>7/25/68</i>		DATE <i>1-20-70</i>		ISSUED SECT.																
ENG <i>Allen Kent</i>		PROD <i>A. McEllen</i>		DATE <i>2-9-70</i>																
ITEM NO.	DWG NO. / PART NO.		DESCRIPTION																	
1	3004768		Send-Receive Set 33TY		1	1														
2			"ME" Typewheel Teletype 183 599		1	1														
3	12-05693		Cordset		1	1														
4	12-05857-1		283B Plug		1	1														
5	12-05857-2		404 B Jack		1	1														
6	1602583		Transformer Elgin 1725		1															
7	91-07673-12		Cordset 12 feet		1															
8	1204789		Motor Teletype 182267 50 Hz		1															
9	1204850		Drive Gear Teletype 181855		1															
10	1204849		PINION Gear Teletype 181851		1															
11	1204848		PINION Teletype 181850		1															
12	9006037-1		SCR PAN HD 8-32 x 3/8		4															
13	9006690		LOCK WASHER #8		4															
14	9006650		FLAT WASHER #8		4															
15	9006561		HEX NUT 8-32 x 5/16 x 1/8		4															
16	7409045-2		DECAL, VOLTAGE SPEC		1															
TITLE			ASSY NO.		SIZE	CODE	NUMBER				REV.	ECO NO.								
TIMESHARING TELETYPE 33 ASR (TY)			D-UA-LT33-B-0		A	PL	LT33-B-0				B	LT33-00003								
SHEET 1			OF 1		DIST.															

115V LINE
(HOT)



DC READER FEED

100Ω

22μF

12K

9μF

850Ω

[illegible]

FIRST USED ON OPTION/MODE
PDP10

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

SIZE	CODE	NUMBER	REV
D	BS	LT33 - B - CONT	B

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8
7
6
5
4
3

LEGEND

NUMBER	VARIATIONS
LT33-BA	115V 60 Hz
LT33-BB	230V 50 Hz

NOTES:

- REPLACE FURNISHED TYPING CYLINDER WITH SLASHED ZERO TYPING CYLINDER, "ME" PART NO. 2911S11.TTY. PART NO. 183599.
- DO NOT DISABLE FORM FEED, WRU (ENQ), X-ON (DC₁), X-OFF (DC₂), TAPE ON (DC₃) OR TAPE OFF (DC₄) FEATURES FROM STUNT BOX.
- DO NOT REMOVE PARITY GENERATION FROM KEYBOARD.
- WIRE SHORT LEAD END OF ITEM 3 TO ITEM 4 AS FOLLOWS:

ITEM 3	ITEM 4
RED	R
GREEN	G
BLACK	B
YELLOW	Y

INSERT EARBAND TAB OF ITEM 3 IN CENTER HOLE OF ITEM 4. INSTALL COVER OF ITEM 4 WITH RIDGE ON SAME SIDE AS WIDE SPACED (R & G) PINS.
- SUPPLY ITEM 5 LOOSE WITH SET.
- ARRANGE SET FOR 20 mA, FULL DUPLEX OPERATION AS FOLLOWS:
A. MOVE PURPLE WIRE FROM TERMINAL 8 TO TERMINAL 9 ON TERMINAL STRIP 151411 (X).
B. MOVE W-BL WIRE FROM TERMINAL 4 TO TERMINAL 5.
C. MOVE BR-Y WIRE FROM TERMINAL 3 TO TERMINAL 5.
D. MOVE BL WIRE FROM TERMINAL 3 TO TERMINAL 4 OF 181816 POWER RESISTOR (CH).
- STRAIN RELIEVE ITEM 3 BY PLACING S-HOOK UNDER SCREW. CONNECT LONG LEAD END OF ITEM 3 TO TERMINAL STRIP OF ITEM 1 AS FOLLOWS:

ITEM 3	TERMINAL STRIP (X)
RED	3
GREEN	4
BLACK	7
YELLOW	6
- CUT ITEM 7 APPROX 12 INCHES FROM FEMALE END. WIRE TO ITEM 8 AS FOLLOWS:
BOTH GREEN WIRES FRAME
BOTH WHITE WIRES C
FEMALE BLACK WIRE 6
MALE BLACK WIRE 1
PAINT MALE END OF CORD RED.
MOUNT ITEMS 7 AND 8 IN TELETYPE BASE WHEN REQUIRED (240 V OPERATION) USING ITEMS 12 THRU 15.
- REPLACE FURNISHED MOTOR UNIT AND GEAR SET WITH ITEMS 8 AND 9 FOR 50 HZ OPERATION.
- ADJUST FORM FEED MECHANISM FOR 11 INCH FORMS.

SEE NOTE 2
SEE NOTE 11
SEE NOTE 9
SEE NOTE 10
SEE NOTE 4
SEE NOTE 5
SEE NOTES 6 & 7
SEE NOTE 6
SEE NOTE 3
SEE NOTE 1
SEE NOTE 8
SEE NOTE 8
PAINT RED

FRONT OF TELETYPE
1-1/2
3-1/8
± 1/16
7
3 ± 1/32
REAR OF TELETYPE
SCALE: NONE

HOLE DRILLING DIAGRAM FOR MOUNTING OF TRANSFORMER ITEM #6 TO PLATE INSIDE BOTTOM OF BASE

DEC FORM NO. DFD 102A

REV. NO. A
CHANGE NO. LT33-00002
DATE 7-15-71
BY A.KENT
APPROVED Allen Kent 26 July 71
DATE 10-22-71
BY CM-Gustin
APPROVED Allen Kent 28 Oct 71

FIRST USED ON OPTION / MODEL PDPIØ

UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED

DIMENSION IN INCHES

TOLERANCES

DECIMALS FRACTIONS ANGLES

= .005 = 1/64 = 0°30'

FINAL SURFACE QUALITY

REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL

NEXT HIGHER ASSY

A-M-L-LT33-BA-Ø

FINISH

SCALE NONE

SHEET 1 OF 1

QTY.

DESCRIPTION

PARTS LIST

PART NO.

ITEM NO.

DRN. 9/25/69

CHK'D. 11/21/70

ENG. 10 Jan 70

PROJ. ENG. 30 Jan 70

PROD. 2-9-70

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

TITLE

TIMESHARING TELETYPE 33 ASR (TY)

SIZE CODE NUMBER REV

DUAL LT33-B-Ø

DIST.

LEGEND	
NUMBER	VARIATIONS
LT33 - BA	115V 60 Hz
LT33 - BB	230V 50 Hz

NOTES: 1. REPLACE FURNISHED TYPING CYLINDER WITH SLOSHED ZERO TYPING CYLINDER. "ME" PART NO. 2911511.TTY. PART NO. 183599.

2. DO NOT DISABLE FORM FEED, WRU (ENG), X-ON (DC₁), X-OFF (DC₃), TAPE ON (DC₂) OR TAPE OFF (DC₄) FEATURES FROM STUNT BOX.

3. DO NOT REMOVE PARITY GENERATION FROM KEYBOARD.

4. WIRE SHORT LEAD END OF ITEM 3 TO ITEM 4 AS FOLLOWS:

ITEM 3	ITEM 4
RED	R
GREEN	G
BLACK	B
YELLOW	Y

INSERT EARBAND TAB OF ITEM 3 IN CENTER HOLE OF ITEM 4. INSTALL COVER OF ITEM 4 WITH RIDGE ON SAME SIDE AS WIDE SPACED (R & G) PINS.

5. SUPPLY ITEM 5 LOOSE WITH SET.

6. ARRANGE SET FOR 20 mA, FULL DUPLEX OPERATION AS FOLLOWS:

- MOVE PURPLE WIRE FROM TERMINAL 8 TO TERMINAL 9 ON TERMINAL STRIP 151411 (X).
- MOVE W-BL WIRE FROM TERMINAL 4 TO TERMINAL 5
- MOVE BR-Y WIRE FROM TERMINAL 3 TO TERMINAL 5
- MOVE BL WIRE FROM TERMINAL 3 TO TERMINAL 4 OF 181816 POWER RESISTOR (CH).

7. STRAIN RELIEVE ITEM 3 BY PLACING S-HOOK UNDER SCREW. CONNECT LONG LEAD END OF ITEM 3 TO TERMINAL STRIP OF ITEM 1 AS FOLLOWS:

ITEM 3	TERMINAL STRIP (X)
RED	3
GREEN	4
BLACK	7
YELLOW	6

8. CUT ITEM 7 APPROX 12 INCHES FROM FEMALE END. WIRE TO ITEM 8 AS FOLLOWS:

	FRAME
BOTH GREEN WIRES	C
BOTH WHITE WIRES	C
FEMALE BLACK WIRE	6
MALE BLACK WIRE	1

PAINT MALE END OF CORD RED.

MOUNT ITEMS 7 AND 8 IN TELETYPE BASE WHEN REQUIRED (240 V OPERATION) USING ITEMS 12 THRU 15.

9. REPLACE FURNISHED MOTOR UNIT AND GEAR SET WITH ITEMS 8 AND 9 FOR 50 HZ OPERATION.

10. ADJUST FORM FEED MECHANISM FOR 11 INCH FORMS.

FIRST USED ON OPTION /MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
<i>PDP10</i>				
UNLESS OTHERWISE SPECIFIED	DRN. <i>104900000</i>	DATE <i>9/25/79</i>	PARTS LIST	
UNLESS OTHERWISE SPECIFIED	Q'KID <i>07.860</i>	DATE <i>12/1/70</i>	 digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS TITLE TIMESHARING TELETYPE 33 ASR (TY)	
DIMENSION IN INCHES	ENG. <i>Alan Kent</i>	DATE <i>10/10/70</i>		
TOLERANCES	PROJ. ENG. <i>Alan Kent</i>	DATE <i>10/10/70</i>		
DECIMALS FRACTIONS ANGLES = .005 = 1/64 = 0°30'	PROD. <i>A.M. Allen</i>	DATE <i>2-9-70</i>		
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS				
MATERIAL	NEXT HIGHER ASSY			
<i>11</i>	<i>A-ML-LT33-BA-O</i>		SIZE/ CODE	NUMBER
FINISH	SCALE <i>NONE</i>	DIA	<i>LT33-B-O</i>	REV <i>3</i>
<i>11</i>	SHEET	1 OF 1	DIST	

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LEGEND	
NUMBER	VARIATION
LT33A-B	50 HZ
LT33A-A	60 HZ

NOTES

- DO NOT REMOVE "N" CRAWL (WRU).
- REWIRE FOR FULL DUPLEX 20 MA OPERATION BY:
A. MOVE P WIRE FROM TERMINAL 8 TO TERMINAL 9 OF THE 151411 TERMINAL STRIP (X).
B. MOVE W-BL WIRE FROM TERMINAL 4 TO TERMINAL 5 OF THE TERMINAL STRIP.
C. MOVE BR-Y WIRE FROM TERMINAL 3 TO TERMINAL 5 OF THE TERMINAL STRIP.
D. MOVE BL WIRE FROM TERMINAL 3 TO TERMINAL 4 OF POWER RESISTOR 181816 (CH).
- CONNECT WIRES AS FOLLOWS
SET COLOR PLUG
(X) 283B-50
3 RED R
4 GRN G
6 YEL Y
7 BLK B
ASSEMBLE ONE "BAR-BAND" HOOK TAB INTO HOLE IN 283B BEFORE ASSEMBLING COVER.
HOOK THE "S" HOOK UNDER ONE OF THE SCREWS BELOW THE TERMINAL BOARD (X) IN THE SET.
- SUPPLY ITEM 4 LOOSE WITH THE SET.
- SEE TELETYPE DRAWINGS 6353WD AND 6354WD SUPPLIED WITH SET.
- ASSEMBLE ITEM 3 TO SHORT WIRE END OF ITEM 2. ASSEMBLE ITEM 3 COVER WITH MOUNTED EXTERNAL RIDGE ON SIDE OF CONNECTOR WITH RED AND GREEN WIRES.
- ASSEMBLE LONG WIRE END OF ITEM 2 TO ITEM 1 TERMINAL STRIP (X).
- ADD TWO 6RS 20 SP4 B4 THYRECTORS DEC #1100106 TO UNIT AND WIRE AS INDICATED BELOW USING ITEM #12. SEE VIEW A-A.

FROM	TO
THYRECTOR * 1	CONN #2L OF ON-OFF SW
THYRECTOR * 2	CONN #2 OF ON-OFF SW
THYRECTOR * 2	CONN #1 OF ON-OFF SW

- REFER TO D-IA-7505039-0 FOR MODIFICATION FOR 50 HZ OR 240V OPERATION.

SIZE CODE
NUMBER
REV.
DUALT33A-0-0-A

B

A

SEE NOTE 4

SEE NOTES 3 & 7

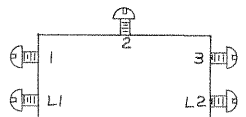
SEE NOTES 2, 3 & 8

SEE NOTE 2

SEE NOTE 9

SEE NOTE 10.

SEE NOTE 1



VIEW AA
REAR OF ON-OFF-LOCAL
SWITCH
NOTE 9

FRONT (TOP VIEW)

REVISIONS	
CHK	CHANGE NO.
CH	LT33-00003
CM	CH-00000 10-21-71
A	KENT
Allen Kent	28 Oct 71

DEC FORM NO.
DRD 100

UNLESS OTHERWISE SPECIFIED	DRN	DATE
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE
DIMENSION IN INCHES	ENG	DATE
TOLERANCES	PROJ. ENG.	DATE
DECIMALS FRACTIONS ANGLES	PRD.	DATE
± .005 ± 1/64 ± 0°30'		
FINAL SURFACE QUALITY		
REMOVE BURRS AND BREAK SHARP CORNERS		
MATERIAL		
FINISH		

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED			
DATE 1/13/68			
DATE 2-1-68			
DATE 25 MAR 68			
DATE 25 MAR 68			
DATE 1/13/68			
FIRST USED ON			
SCALE NONE			
SHEET 1 OF 1			
TITLE			
PDP 10			
TELETYPE			
33KSR			
SIZE CODE			
NUMBER			
REV.			
DUALT33A-0-0-A			
DIST.			

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			QUANTITY										REVISIONS			
PARTS LIST			LT33A-0-0 50 HZ	LT33A-A-0 40 HZ										CHANGE NO.	DATE	ENG.
														LT33-00003	28 Oct 71	HL
ITEM NO.	DWG. NO.	DESCRIPTION														
1		TELETYPE 33TS	1	1												
2	1205693	CORD SET	1	1												
3	1205857-1	TELEPHONE PLUG 283B-50	1	1												
4	1205857-2	TELEPHONE JACK 404B-50	1	1												
5	1204789	MOTOR 182267 50HZ	1													
6	1204850	DRIVE GEAR 181855	1													
7	1204849	PINION GEAR 181851	1													
8	1204848	PINION 181850	1													
9	1609313	ELECT TRANSFORMER 1725	1													
10	9107673-12	LINE CORD 12 FT	1													
11	1100106	GE THYRECTOR 6RS20SP4B4	2	2												
12	9007929	SOLDERLESS CONN #6 AWG 18-22	3	3												
MADE BY R. BERNIER		DATE 1/3/68	TITLE PDP-10 TELETYPE 33TSR										DRWG. NO. A-PL- LT33A-0-0		REV. CTR	
CHECKED D. HEALY		DATE 3/12/68	FOR										ASSY NO PDP-10-33A-0-0		SHEET 1 OF 1	
ENG Allan Kent		DATE 25 MAR 68													A	

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REV. A LT33A-0-1

NOTES:

1. ABSTRACTED FROM TELETYPE CORR. 6353 WD ISSUE 20.
2. THE YEL AND BLK WIRES OF THE TTY LINE CORD SHOULD BE INSULATED WITH A PIECE OF GLASS TAPE (SCOTCH 27) IN HALF DUPLEX SERVICE.
3. L RELAY IS PICKED UP IN LINE, DROPPED OUT IN OFF AND LOCAL.
 X CLOSED WHEN PICKED UP
 + CLOSED WHEN DROPPED OUT.
4. WITHOUT AUTO MOTOR CONTROL
 ① 60 MA
 ② 20 MA
 ③ HALF DUPLEX
 ④ FULL DUPLEX

PRINTER (RECEIVE) LOOP
(FULL DUPLEX)
NO CONNECTION
(HALF DUPLEX)

KEYBOARD (TRANSMIT) LOOP (FULL DUPLEX)
TTY LOOP
(HALF DUPLEX)

WESTERN ELECTRIC
283B-50 IVORY
PORTABLE TELEPHONE
JACK OR EQUAL
DEC P.N. 1205857-1

UNLESS OTHERWISE SPECIFIED		DATE	2/27/68
UNLESS OTHERWISE SPECIFIED		DATE	3/14/68
DIMENSION IN INCHES		DATE	25 MAR 68
TOLERANCES		DATE	25 MAR 68
DECIMALS FRACTIONS ANGLES		DATE	17 APR 68
± .005 ± 1/64 ± 0°30'		DATE	
FINAL SURFACE QUALITY		DATE	
REMOVE BURRS AND BREAK SHARP CORNERS		DATE	
MATERIAL		DATE	
FINISH		DATE	
FIRST USED ON		DATE	
D-UA-LT33A-0-0		DATE	
SCALE		DATE	
SHEET 1 OF 1		DATE	
DIST. G		DATE	
PARTS LIST		DATE	
TITLE		DATE	
PDP 10 TELETYPE		DATE	
MODEL 33KSR		DATE	
SIZE CODE		DATE	
NUMBER		DATE	
REV. A		DATE	

SEL MAG
DRIVE CARD
181819

TRANSISTOR IS
CUT-OFF FOR MARK

WESTERN ELECTRIC
D4BK-3 9 FOOT
CORDSET OR EQUAL
DEC P.N. 1205693

TERMINAL
STRIP

REV.	REV.	REV.
LT33A-0-00003	LT33A-0-00003	LT33A-0-00003
CM-Goum 10-21-71	CM-Goum 10-21-71	CM-Goum 10-21-71
A-KENT	A-KENT	A-KENT
Allen Kent 28 Oct 71	Allen Kent 28 Oct 71	Allen Kent 28 Oct 71

DEC FORM NO.
DRD 102A