

DRAWING DIRECTORY

CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

SEQUENCE

SEQUENCE

MFG SET

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" " (Remote Cont.)	D-CS-857-Ø-RC
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857 Tester C-CS-857-0-2

NOTE: The Mfg. set for the 858
Aux. Power Control is
documented on B-DD-858-0

UNIT VARIATIONS

PRINT SET TYPE

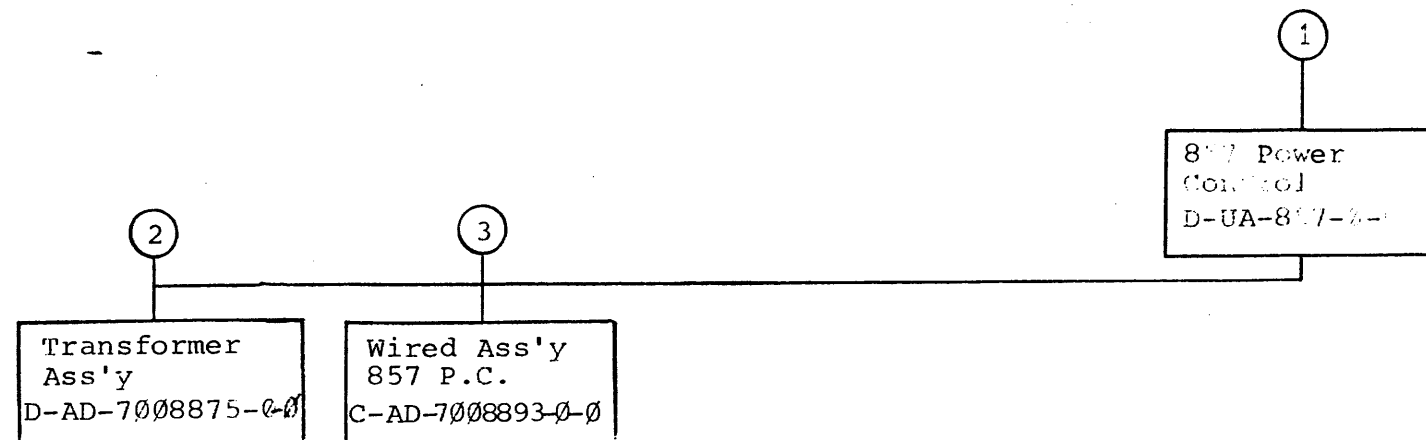
VARIATION

TITLE

[illegible]

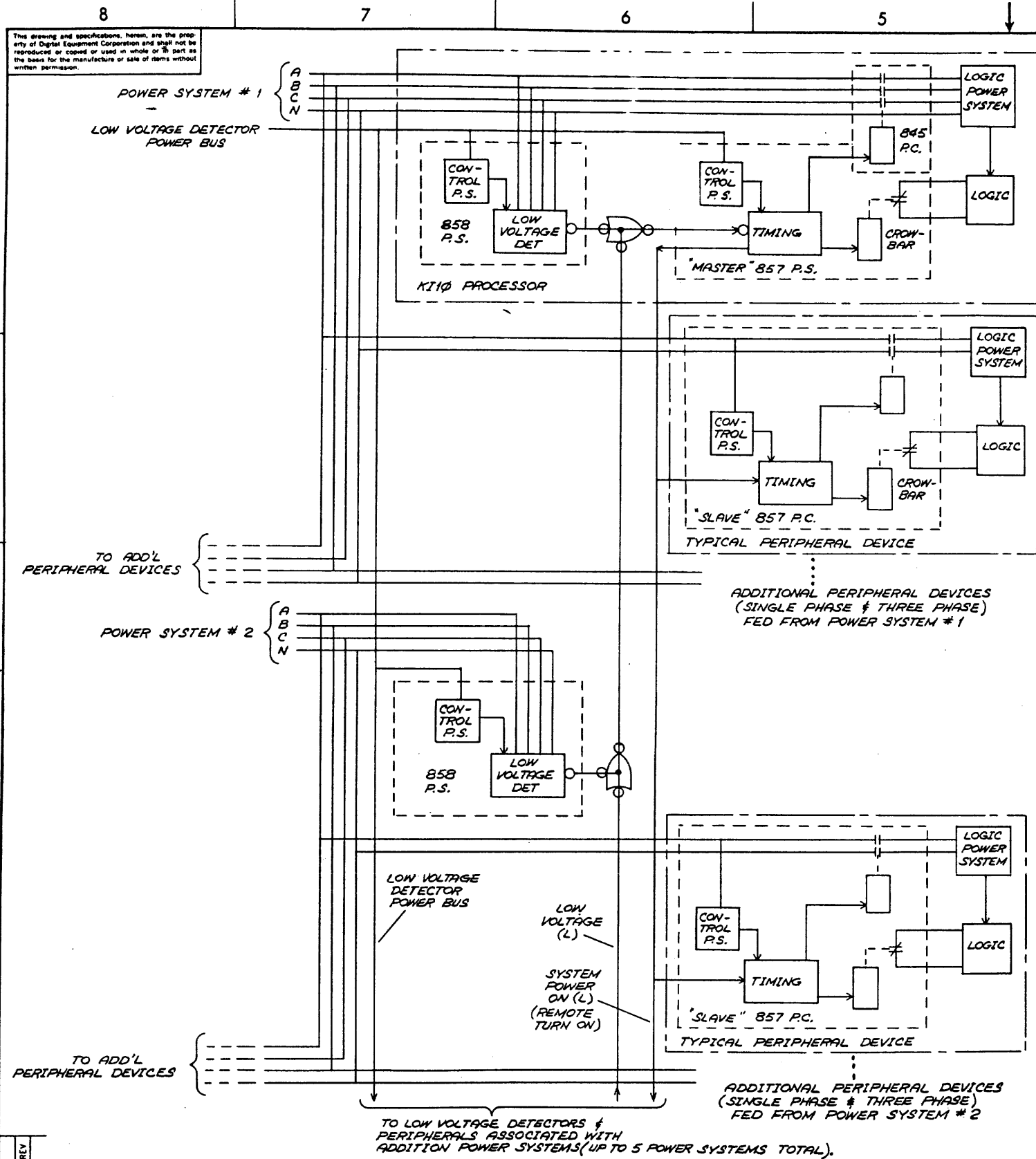
REVISIONS			
DATE	CHG. NO.	REV	
9-72	857-1	A	
Allan Kent 10.1.72			
11-72	858-1	B	
B. Askey 11-2-72			
A. KENT			
Allan Kent 21 Nov 72			
12-72	857-2	C	
B. Askey 12-12-72			
A. KENT			
Allan Kent 3 Jan 72			
12-72	857-3	D	
E. ALLOIN 8-31-73			
A. KENT			
Allan Kent 13 Sep 73			
12-72	857-4	E	
S. Chatter 11-2-73			
DREW			
12-72	857-5	F	
S. Chatter 7-2-74			
SCHWARTZ			
11-72	857-6	H	
S. Chatter 10-8-74			
SCHWARTZ			
11-72	857-7	I	
S. Chatter 10-11-74			

USED ON OPTION/MODEL		DRN.	DATE	TITLE				
		9-72	4/28/72	857 POWER CONTROL				
		CHK'D	DATE					
		5-72	5/1/72					
		PROJ. ENG.	DATE					
		ALLAN KENT	23 May 72					
		PROD.	DATE	SIZE	CODE	NUMBER		RFV
		5-72	23 May 72	B	DD	857-0		Hi
		FIELD SERV.	DATE					
		5-72	5/30/72					
		SHEET	OF	3	DIST			



TITLE	SHEET 2 OF 3	SIZE CODE	NUMBER	REV
857 POWER CONTROL	B	DD	857 - 0	1

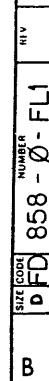
[illegible]



NOTES:

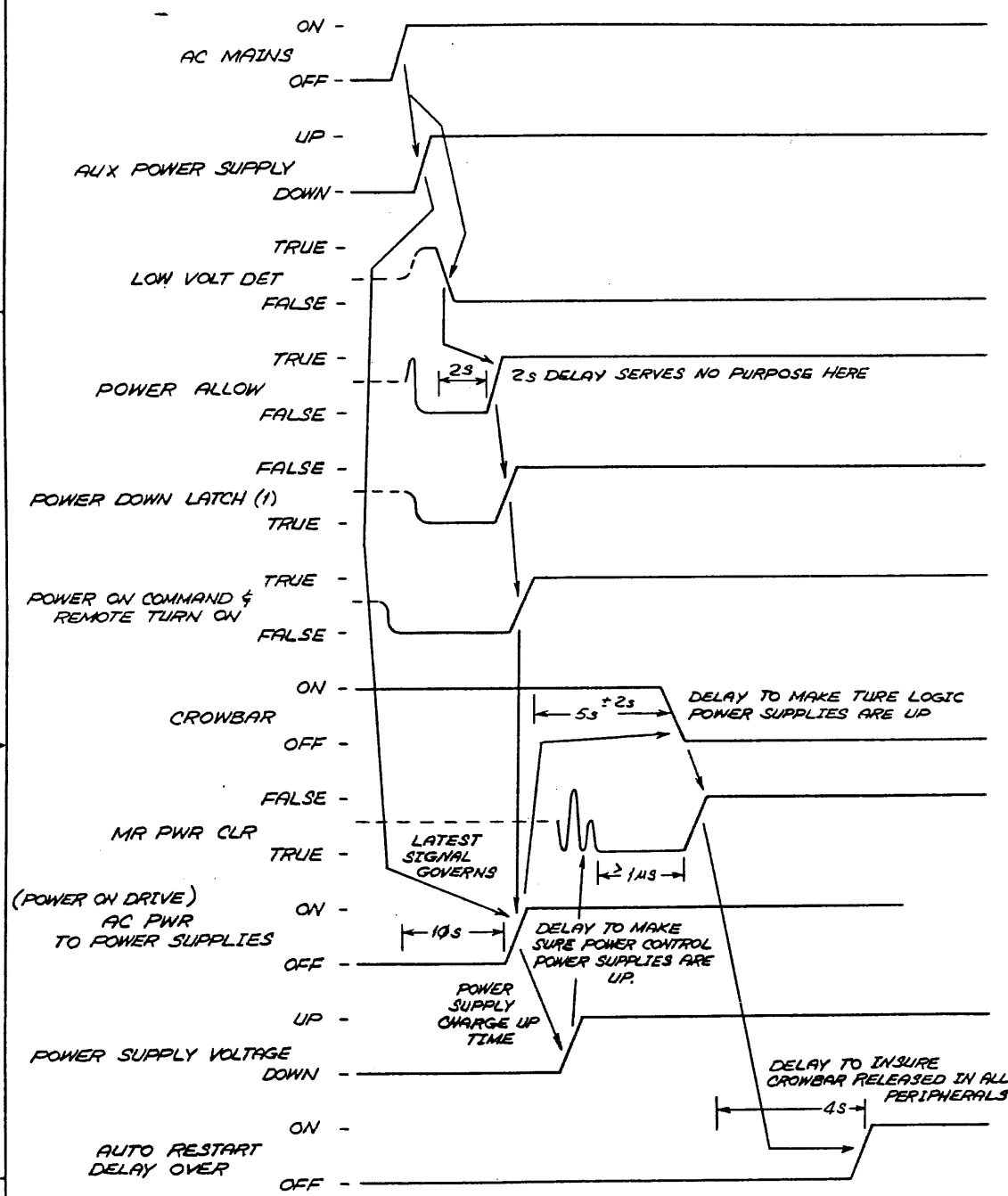
1. THE LOGIC POWER SUPPLY SYSTEM MUST BE UP AND ALL RESULTANT LOGIC TRANSIENTS WHICH AFFECT CRITICAL OPERATIONS MUST HAVE DIED OUT IN 3 SEC MAX (BEFORE CROWBAR RELEASE) AFTER AC POWER IS APPLIED (AT LOW OR HIGH LINE WHICHEVER IS WORSE; AND WITH MINIMUM OR MAXIMUM LOAD WHICHEVER IS WORSE).
2. THE LOGIC POWER SUPPLY SYSTEM MUST BE DOWN (SUCH THAT CRITICAL CIRCUITS CANNOT AFFECT BUSES, ETC.) WITHIN 7 SEC MAX OF REMOVAL OF AC POWER AS A GLITCH IN CROWBAR MAY OCCUR AT THIS TIME DUE TO THE 857 POWER SUPPLY GOING OUT OF SPEC.
3. WHEN MULTIPLE 858'S ARE USED FOR MULTIPLE (>3) PHASE MONITORING, THE AC LINE SUPPLY (FOR CONTROL POWER) OF ALL 858'S AND THE RELATED 857 MUST BE THE SAME PHASE OF ONE OF THE POWER MAINS SYSTEMS (I.E. ALL 858'S & 857 ARE WIRED IN PARALLEL). IF AN 858 MUST MONITOR A DIFFERENT VOLTAGE THAN THAT OF THE CONTROL POWER AC BUS, IT MUST BE MODIFIED BY REMOVING THE CONTROL POWER AC BUS FROM 32 DECK 4 COMMON & PERMANENTLY WIRING IT TO THE APPROPRIATE TAP OF T4.
4. (WHEN MULTIPLE 858'S ARE USED) IN MULTIPROCESSOR SYSTEMS (WHERE A MASTER CONTROL PANEL IS USED), AN ADDITIONAL 857 IS REQUIRED IN THE MASTER CONTROL PANEL. THIS 857 RECEIVES THE OUTPUT OF ALL 858 LOW VOLTAGE DETECTORS.
5. THE POWER CONTROL WHICH GENERATES SYSTEM POWER ON (REMOTE TURN ON) MUST HAVE SAME CONTROL POWER SUPPLY AC MAINS BUS AS LOW VOLTAGE DETECTORS. FURTHER WHEN THIS BUS FAILS, THE 857 POWER MUST GO DOWN (I.E. THE W519 10s DELAY MUST BE TRIGGERED NOT LATER THAN 1.5s MAX AFTER THE EARLIEST 858 POWER SUPPLY GOES DOWN. (WHEN THE 858 POWER SUPPLY GOES DOWN, LOW VOLTAGE GOES FALSE.) THE ALTERNATIVE IS TO FIX LOW VOLTAGE SIGNAL SO THAT POWER SUPPLY DOWN APPEARS AS LOW VOLTAGE TRUE.

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.	
KI10		PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. 11 4/6/72	DATE 4/6/72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
DECIMALS	ANGLES	CHK'D Alan Kent	DATE 2/10/72	TITLE SYSTEM DIAGRAM & NOTES		
.XXX = .005	± 0° 30'	ENG. Alan Kent	DATE 2/10/72			
.XX = .02		PROJ. ENG. Alan Kent	DATE 2/10/72			
.X = .1		PROV. Alan Kent	DATE 2/10/72			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE 2/10/72	DATE 2/10/72			
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE	NUMBER	REV.
		B-DD-B57-0		DAR	858-0-SDN	
FINISH		SCALE 1/2		DIST.		
		SHEET 1 OF 1				

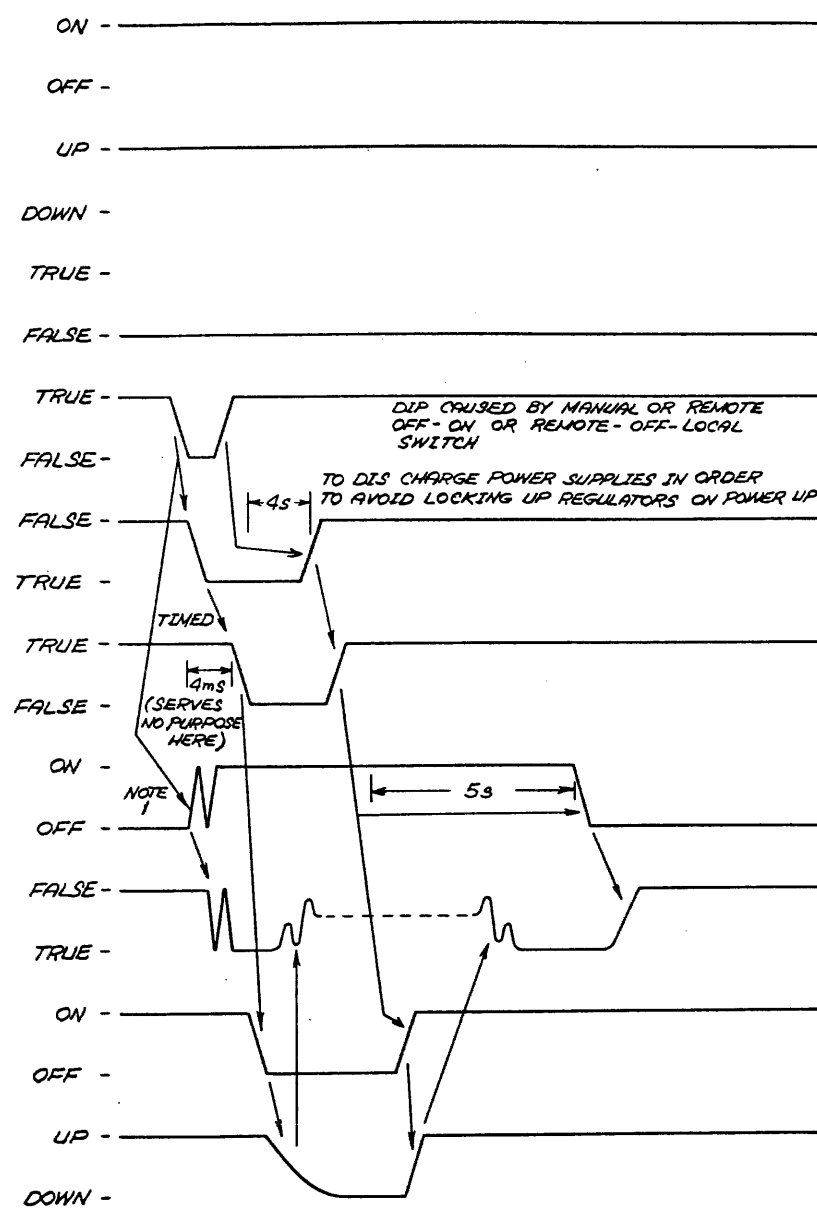


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KI10			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN W. Thompson	DATE 4/6/72	 DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
		CHK'D Alan Kent	DATE 3/14/72		
DECIMALS	ANGLES	ENG Alan Kent	DATE 3/14/72		
.XXX = .005 .XX = .02 .X = .1	±0° 30'	PROJ. ENG. Alan Kent	DATE 3/14/72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. W. Thompson	DATE 4/6/72	TITLE 857 / 858 POWER CONTROL FLOW 1	
MATERIAL		NEXT HIGHER ASSY.			
		B-DD-857-Ø			
FINISH		SCALE 1" = 1"		SIZE CODE DFD	NUMBER 858 - Ø - FL1
		SHEET 1 OF 1		REV	

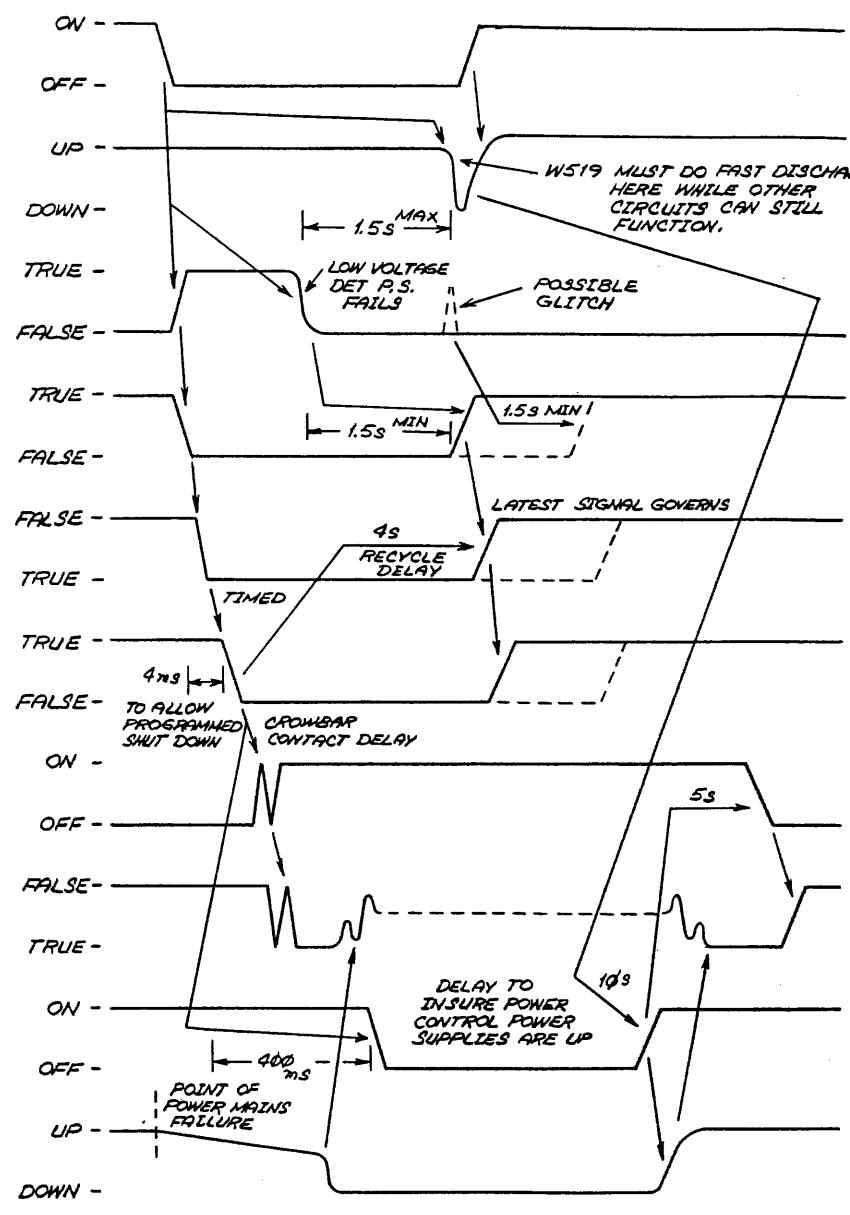
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CASE 4
SOLID POWER RETURN
(AFTER > 30s FAILURE)



CASE 5
SHORT ON-OFF-ON POWER SW CYCLE
(ANTI GB30 LATCH-UP)
NOTE 1 ONLY CROWBAR CONTACT DELAY HERE SO THAT REMOTE TURN-ON GOING FALSE (FROM PROCESSOR) WILL CAUSE IMMEDIATE CROWBAR IN PERIPHERALS.



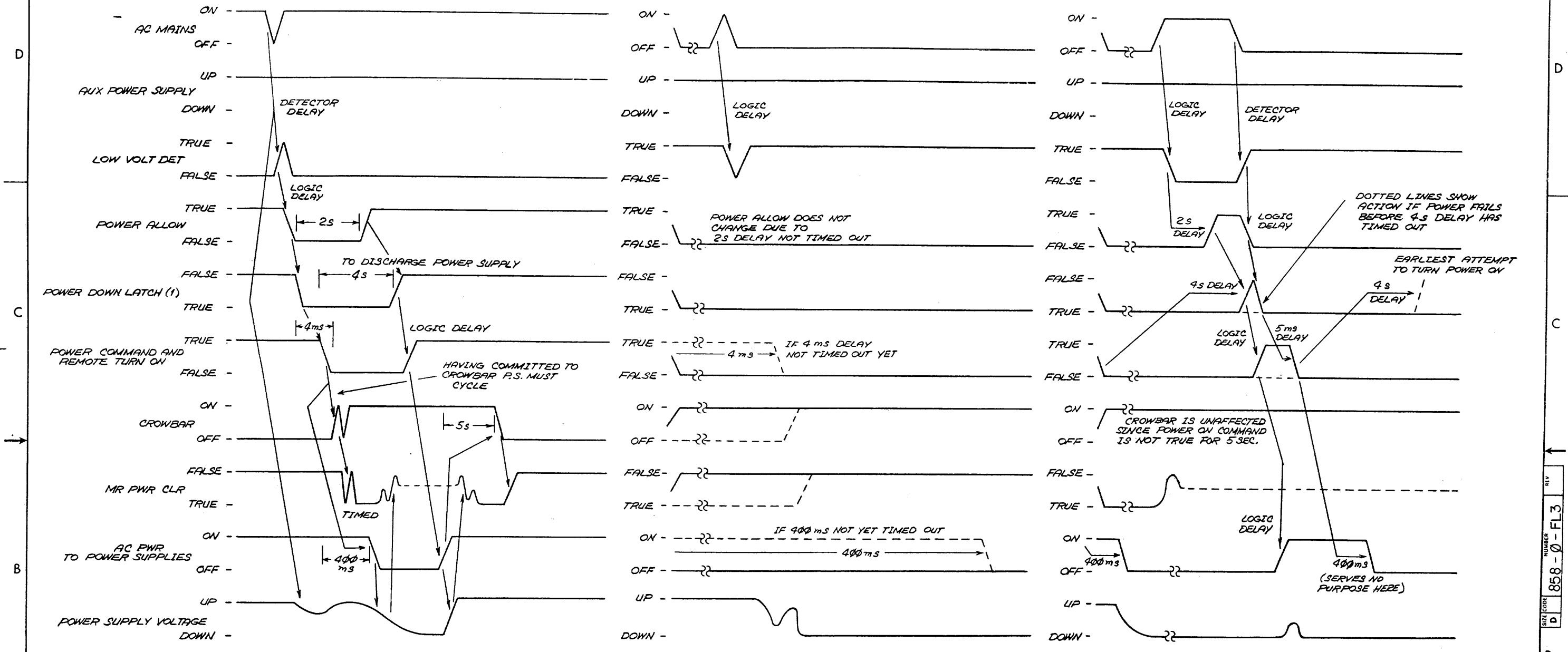
CASE 6
LONG POWER DIP
(10s W519 DELAY TRIGGERED)

REV	NO	DATE
1	1	10/1/72
2	1	10/1/72
3	1	10/1/72
4	1	10/1/72
5	1	10/1/72
6	1	10/1/72
7	1	10/1/72
8	1	10/1/72
9	1	10/1/72
10	1	10/1/72

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
K110				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	DATE		
.XXX - .005	± 0° 30'	DATE		
.XX - .02		DATE		
.X - .1		DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	✓	DATE		
MATERIAL	NEXT HIGHER ASSY.	DATE		
FINISH	SCALE	DATE		
	SHEET 1 OF 1	DATE		
TITLE		857/ 858 POWER CONTROL FLOW #2		
SIZE CODE		D FD 858 - 0 - FL2		
NUMBER		REV.		

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273-0-858 2



CASE 7
SHORT POWER DIP (PWR FAIL - LOW VOLT DETECTED)
(10s W519 DELAY NOT TRIGGERED)
ALARM V HI TEMP V INTERLOCK

CASE 8
SHORT PULSE IN POWER (OTHERWISE DEAD)
PULSE $\leq 2s$

CASE 9
LONGER PULSE IN PWR
PULSE $> 2s$; BUT P.S. RECYCLE DELAY NOT OVER
(ASSUMES AUX PWR SUPPLY HOLDS UP LONGER THAN P.S. RECYCLE DELAY)

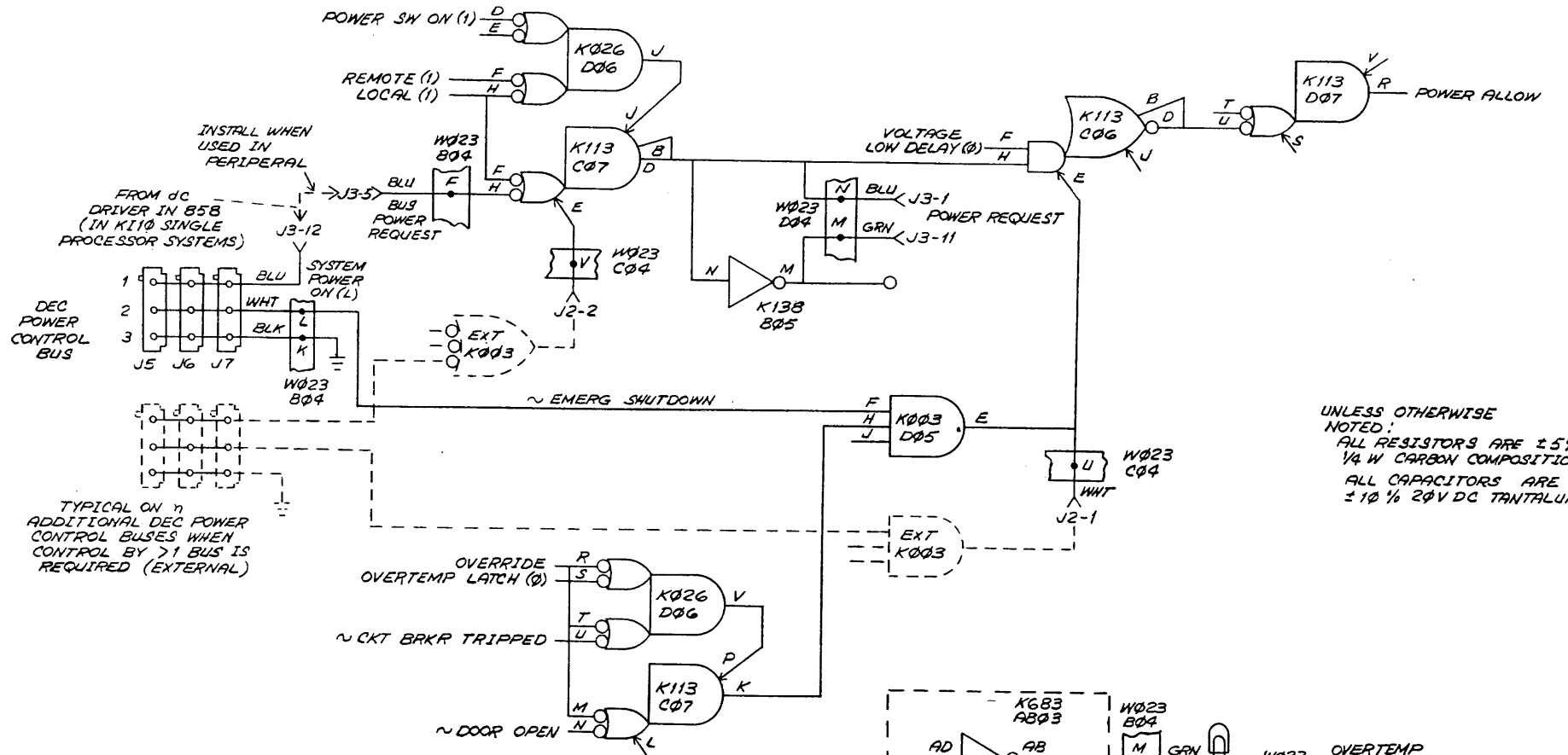
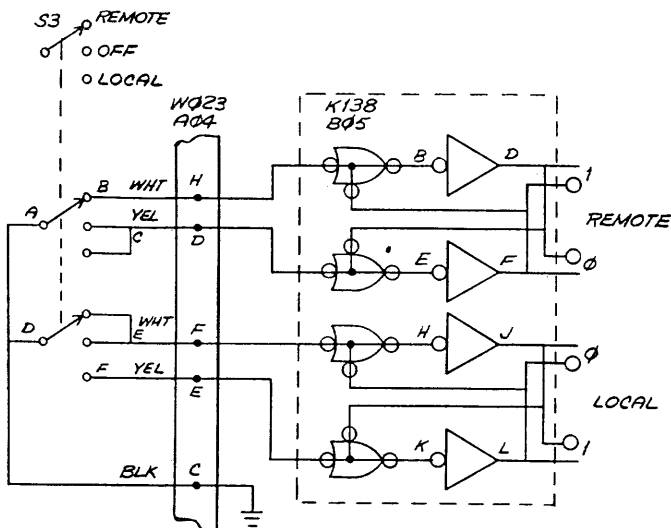
FIRST USED ON OPTION/MODEL KI10		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		PARTS LIST			
DECIMALS	ANGLES	TITLE			
.XXX = .005	$\pm 0^{\circ} 30'$	857/858 POWER CONTROL FLOW # 3			
.XX = .02		SIZE CODE			
.X = .1		NUMBER			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		REV.			
MATERIAL		NEXT HIGHER ASSY.			
FINISH		SCALE			
		SHEET OF			
		DIST.			

REV
858-0-FL3
D

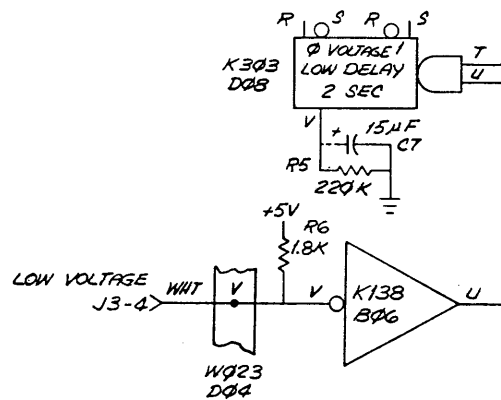
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FRONT VIEW

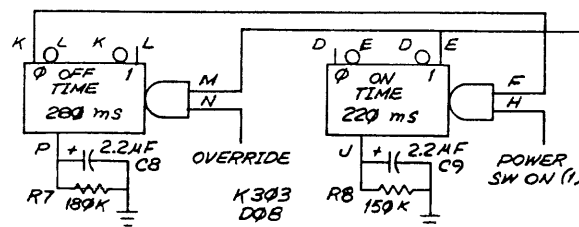
BACK VIEW



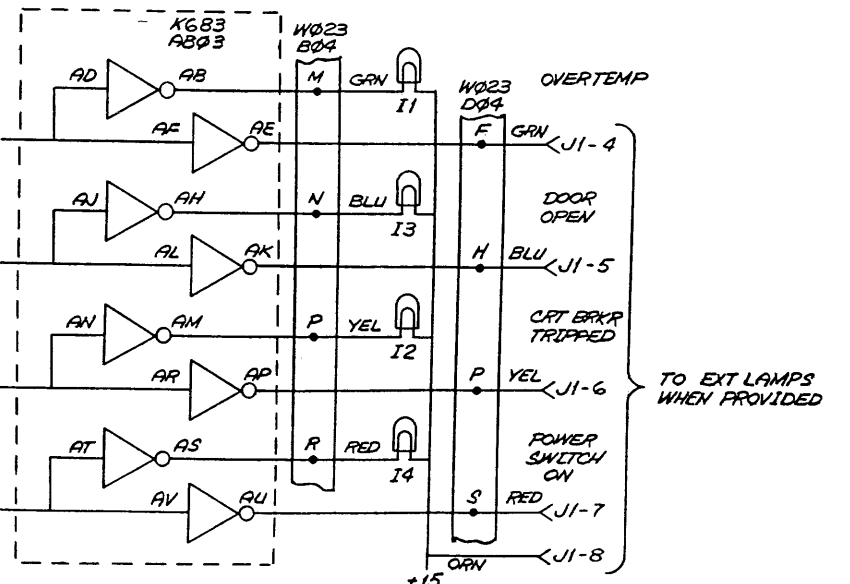
UNLESS OTHERWISE NOTED:
ALL RESISTORS ARE $\pm 5\%$
1/4 W CARBON COMPOSITION.
ALL CAPACITORS ARE
 $\pm 10\%$ 20V DC TANTALUM.



OVERRIDE CAUSES POWER SWITCH LAMP TO FLASH WHEN POWER SWITCH IS ON



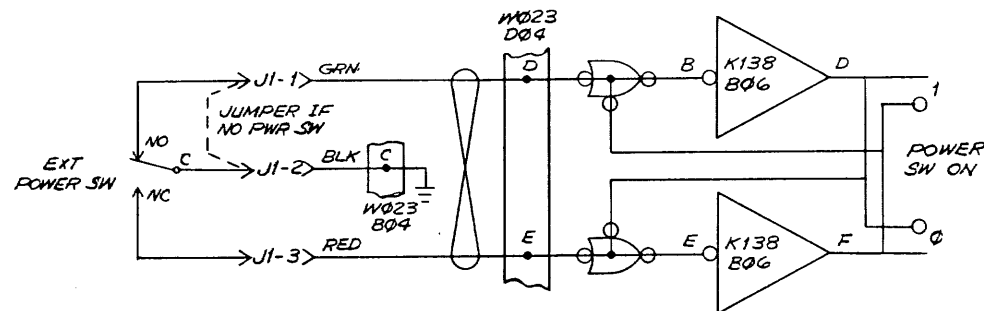
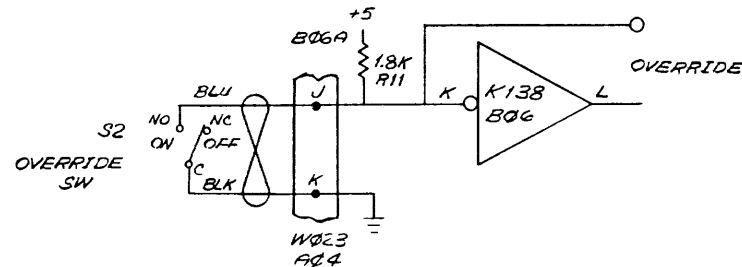
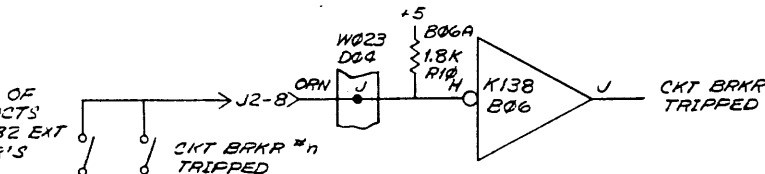
NOTE
ALL SIGNAL NAMES ON THIS SHEET CONNECTED TO LOW ASSERTION DESIGNATION CIRCLES "O" ARE AS IF SUFFIXED WITH "L". ALL SIGNAL NAMES ON THIS SHEET NOT CONNECTED TO LOW ASSERTION DESIGNATION CIRCLES ARE AS IF SUFFIXED WITH "H".



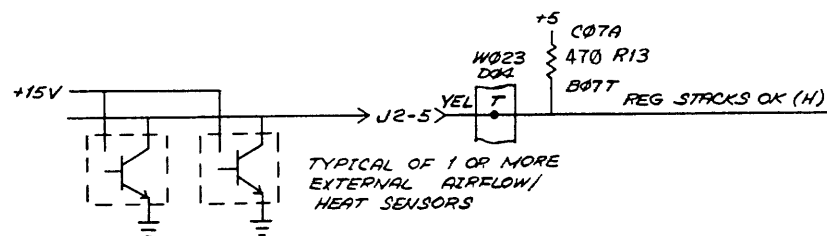
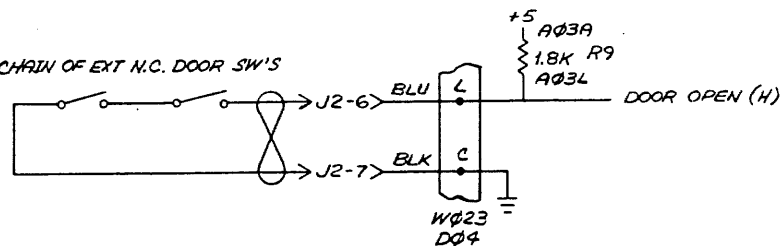
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS				
ANGLES				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
FINISH				
DATE				
CHK'D				
ENG				
PROJ. ENG				
PROD				
NEXT HIGHER ASSY.				
B-DD-857-0				
SCALE				
SHEET 1 OF 1				
DIST.				
REV.				

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TYPICAL OF
AUX. CONTACTS
ON UP TO 32 EXT
CKT BRKR'S

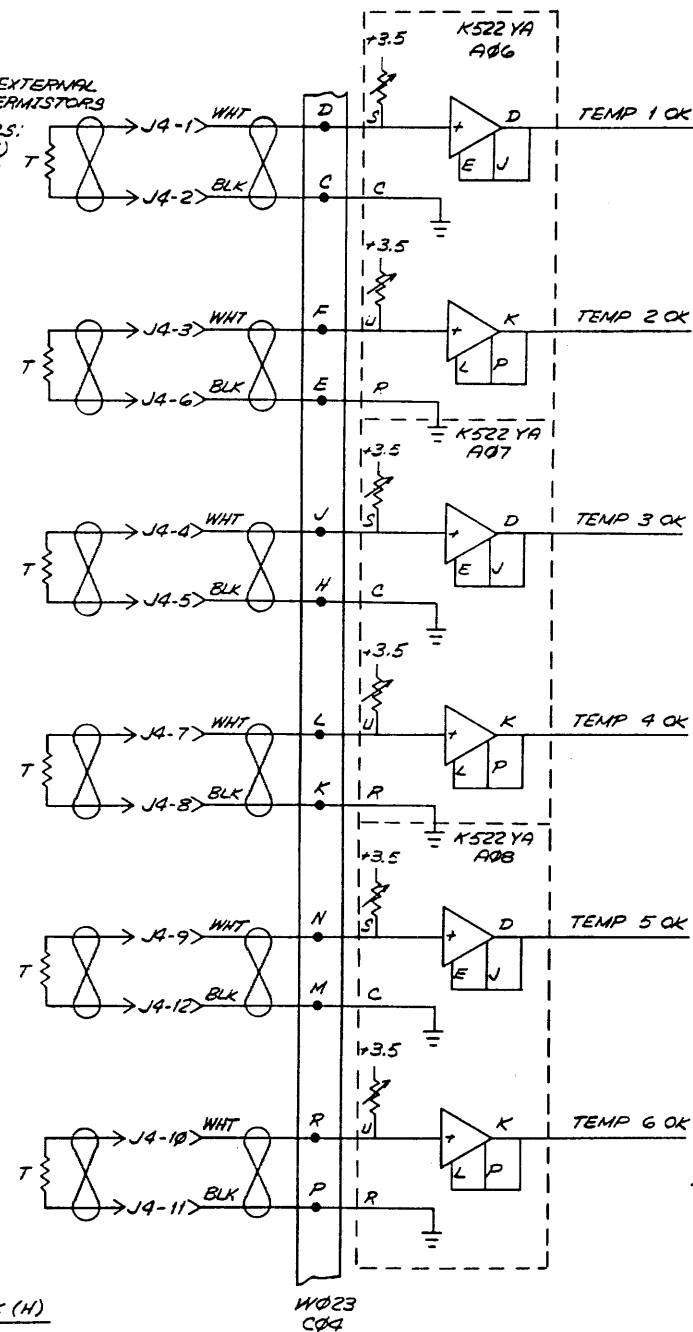


SERIES CHAIN OF EXT N.C. DOOR SW'S



TYPICAL OF 1 OR MORE
EXTERNAL AIRFLOW/
HEAT SENSORS

EXTERNAL
THERMISTORS
CHARACTERISTICS:
1K Ω @ 25°C (77°F)
360 Ω @ 50°C (122°F)



INPUT
PIN S
INPUT
PIN U

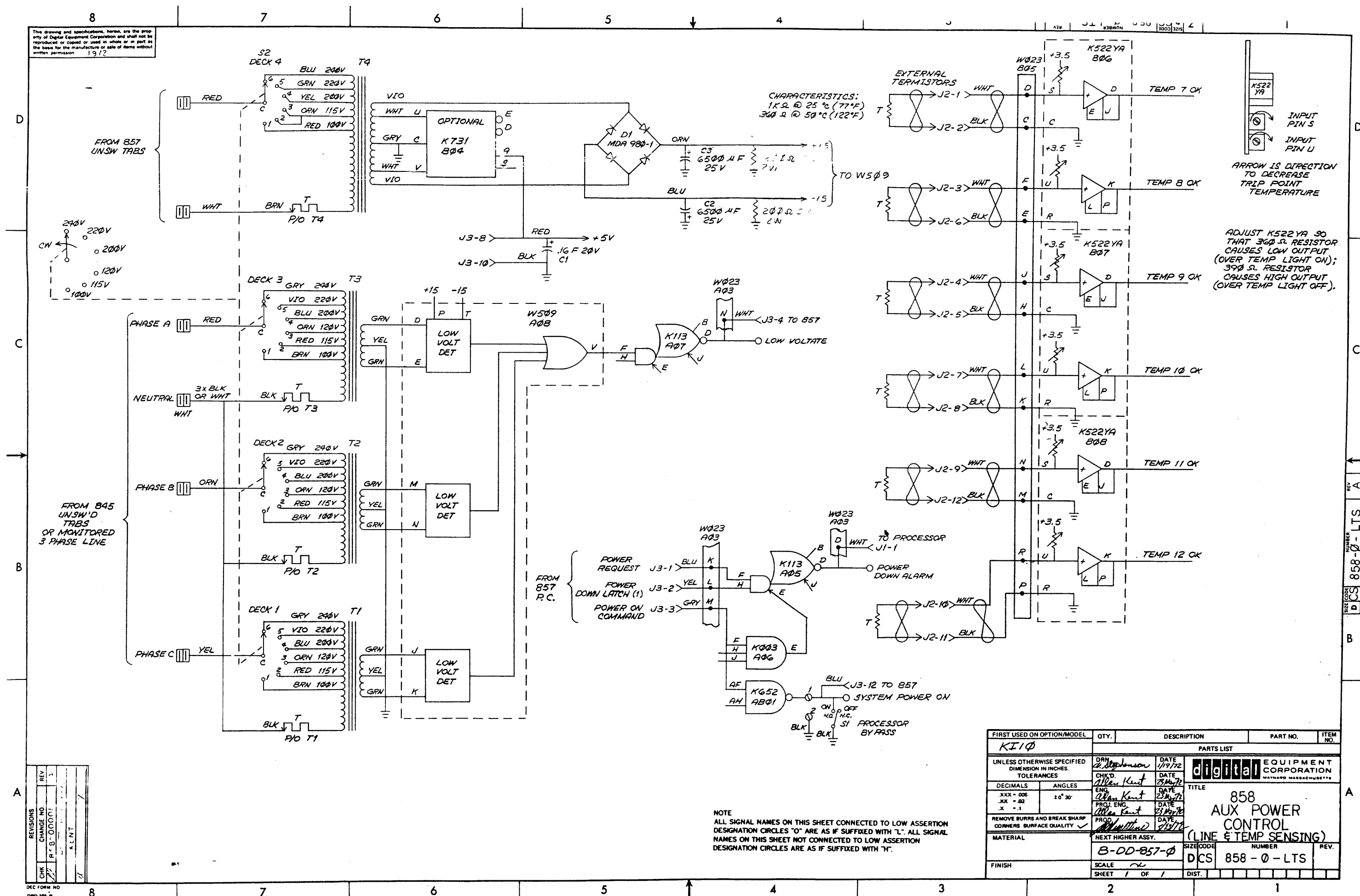
ARROW IS DIRECTION
TO DECREASE
TRIP POINT
TEMPERATURE

ADJUST K522 YA SO
THAT 360 Ω RESISTOR
CAUSES LOW OUTPUT
(OVER TEMP LIGHT ON);
390 Ω RESISTOR
CAUSES HIGH OUTPUT
(OVER TEMP LIGHT OFF).

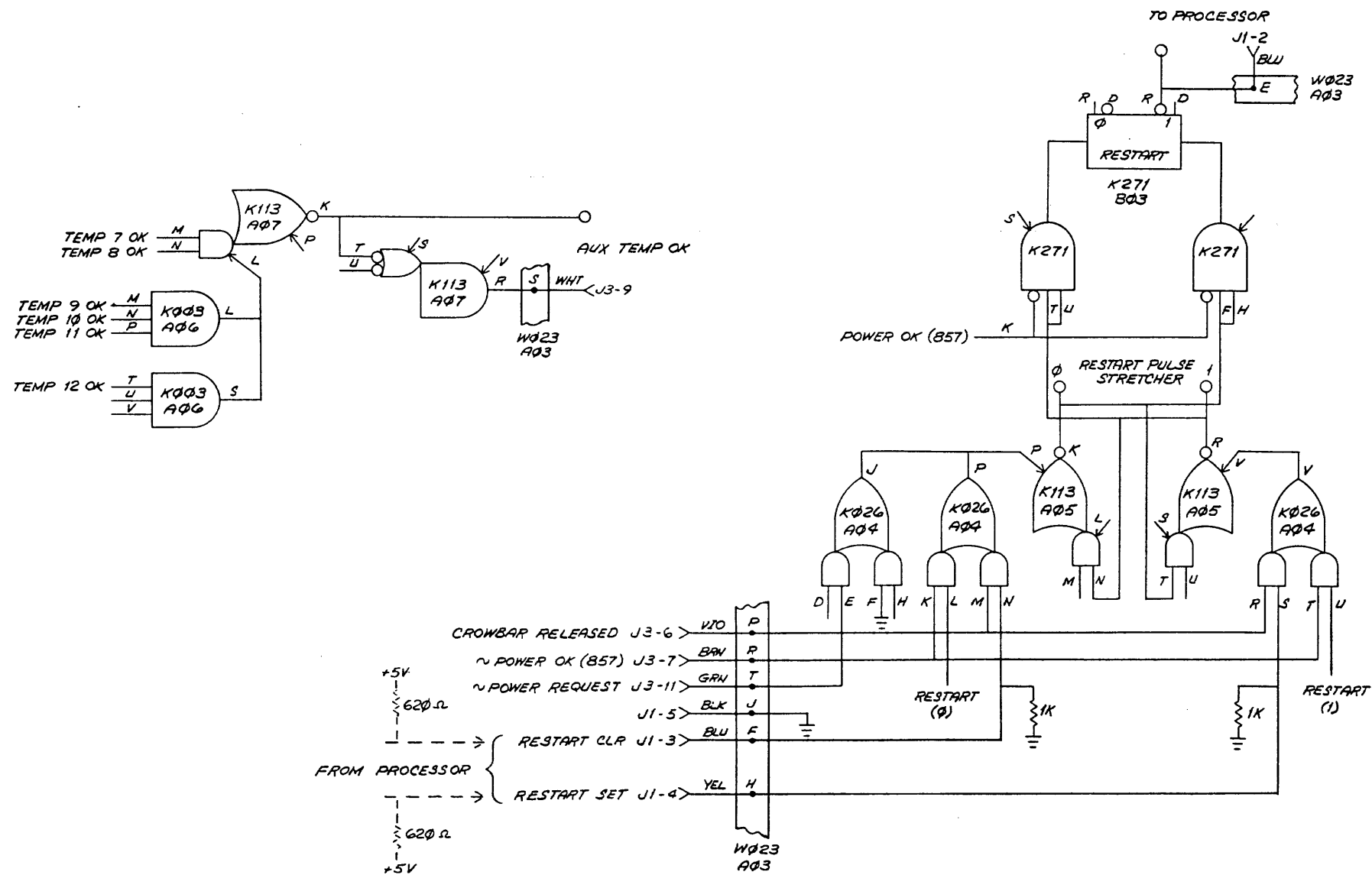
TO OVER TEMP
LATCH

NOTE
ALL SIGNAL NAMES ON THIS SHEET CONNECTED TO LOW ASSERTION
DESIGNATION CIRCLES "O" ARE AS IF SUFFIXED WITH "L". ALL SIGNAL
NAMES ON THIS SHEET NOT CONNECTED TO LOW ASSERTION
DESIGNATION CIRCLES ARE AS IF SUFFIXED WITH "H".

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DATE 3/23/72	DATE 3/23/72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	DATE 3/23/72	TITLE 857 POWER CONTROL (TEMP SENSORS)	
.XXX = .005	±0° 30'	DATE 3/23/72	SIZE CODE DCS	
.XX = .02		DATE 3/23/72	NUMBER 857 - 0 - TMP	
.X = .1		DATE 3/23/72	REV. A	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROJ. ENG. Allen Kent	DATE 3/23/72	SHEET 1 OF 1	
MATERIAL	NEXT HIGHER ASSY.	DATE 3/23/72	DIST.	
FINISH	B-DD-857-0	DATE 3/23/72		



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UNLESS OTHERWISE NOTED:
ALL RESISTORS ARE $\pm 5\%$
1/4 W CARBON COMPOSITION

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
K110					
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>W. Thompson</i>	DATE <i>1/12/72</i>	digital EQUIPMENT CORPORATION NATURAL MASSACHUSETTS	
DECIMALS		CHKD. <i>Allen Kent</i>	DATE <i>2/14/72</i>		
ANGLES		ENG. <i>Allen Kent</i>	DATE <i>2/14/72</i>		
.XXX = .005 .XX = .02 .X = .1		PROJ. ENG. <i>Allen Kent</i>	DATE <i>2/14/72</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PRD. <i>Allen Kent</i>	DATE <i>2/14/72</i>		
MATERIAL		NEXT HIGHER ASSY.		TITLE 858 AUX POWER CONTROL (RESTART)	
FINISH		SCALE <i>1/1</i>		SIZE CODE DCS 858-0-RES	
		SHEET 1 OF 1		REV.	

REVISIONS
CHANGE NO.
REV.
CHK

DEC FORM NO
DRD 102-B

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CABLE TO PROCESSOR LOGIC

PIN	SIGNAL	INPUT OUTPUT
J1-1	POWER DOWN ALARM(L)	OUTPUT
2	RESTART (1) L	OUTPUT
3	RESTART CLR H	INPUT
4	RESTART SET H	INPUT
5	GROUND	—
6	SPARE	—

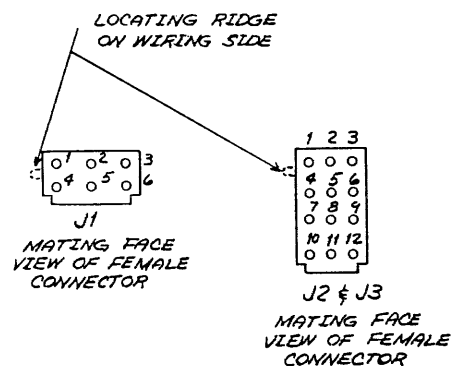
THERMISTOR CABLE

PIN	SIGNAL
J2-1	THERMISTOR 7
2	7 RET
3	8
4	9
5	9 RET
6	8 RET
7	10
8	10 RET
9	11
10	12
11	12 RET
12	THERMISTOR 11 RET

857 858 JUMPER CABLE

PIN	SIGNAL	INPUT OUTPUT
J3-1	POWER REQUEST H	INPUT
2	POWER DOWN LATCH (1) H	INPUT
3	POWER ON COMMAND	INPUT
4	LOW VOLTAGE L	OUTPUT
5	(BUS POWER REQUEST L) (ONLY IN 857)	—
6	CROWBAR RELEASED H	INPUT
7	POWER OK (857) L	INPUT
8	+5V	INPUT
9	AUX TEMP OK H	OUTPUT
10	GROUND	—
11	POWER REQUEST H	INPUT
12	SYSTEM POWER ON L	OUTPUT

* THIS PIN IS NOT USED IN MULTI-PROCESSOR SYSTEMS WITH A MASTER SYSTEM CONTROL PANEL.



	1	2	3	4	5	6	7	8
A	K652		K113	K113	K113	K113	K113	K113
	SYSTEM POWER ON		J1 & J3 CONN- NECTIONS	RESTART P.S. CLR	POWER DOWN ALARM	POWER DOWN ALARM	LOW VOLTAGE	LOW VOLT DET PHASE A
				RESTART P.S. CLR	RESTART P.S. CLR	AUX TEMP	AUX TEMP	PHASE B
				RESTART P.S. SET	RESTART P.S. SET	OK	OK	PHASE C
B	K271 OVER- HANG	K271	K731	K113	K522YA	K522YA	K522YA	K522YA
		RESTART	+5V REG.	THERM- ISTORS AMPL TO J2	TEMP 7 OK	TEMP 9 OK	TEMP 11 OK	
	* NOTE				TEMP 8 OK	TEMP 10 OK	TEMP 12 OK	

BUS PIN ROWS
A & C
IN BOTH MODULE ROWS

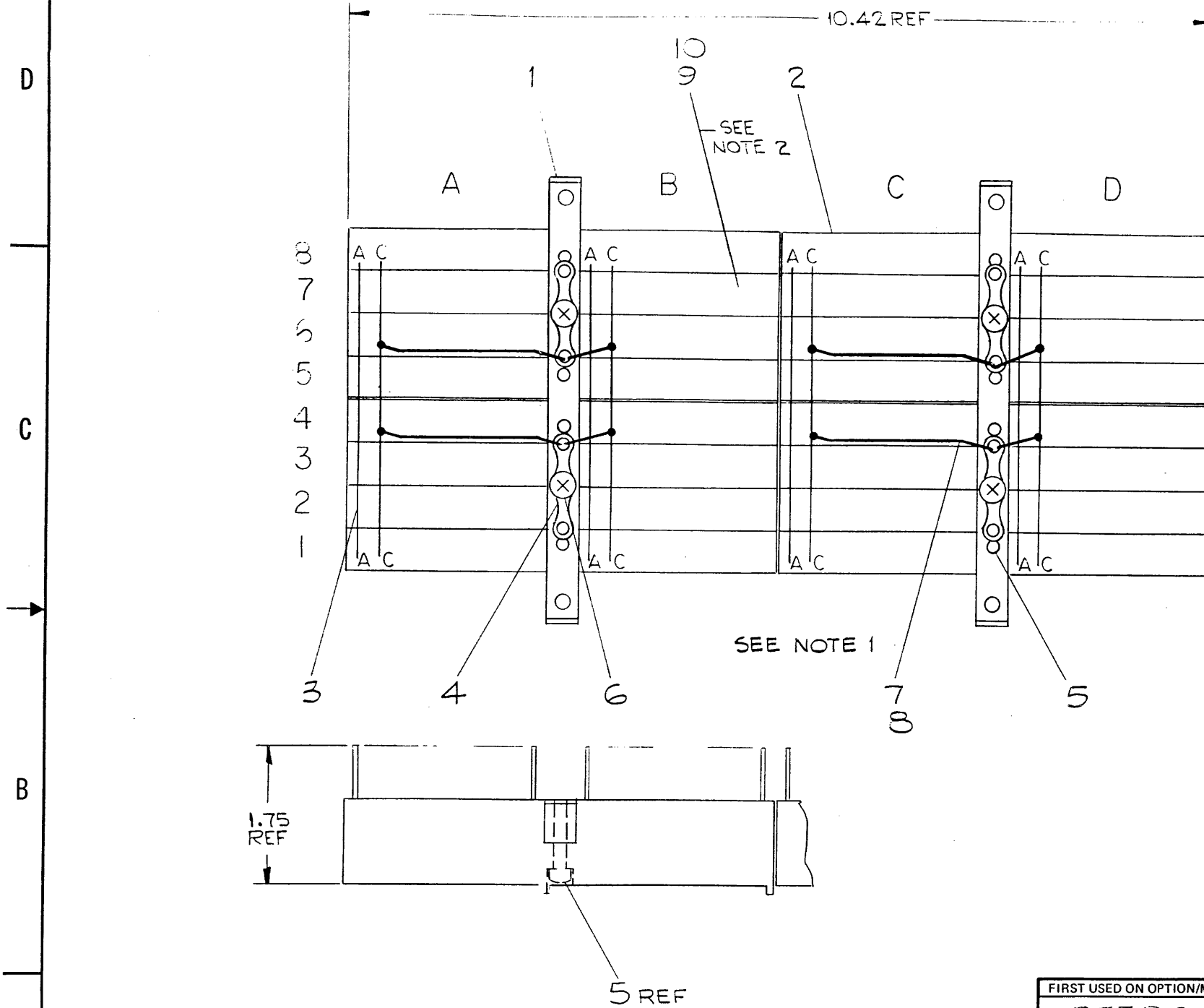
NOTE * K271 MUST BE REMOVED
BEFORE INSTALLING K731
FOR USE WITHOUT AN
ASSOCIATED 857 POWER
CONTROL

T4	TRANSF 12.6V, 15V	1610443
T1, T2, T3	TRANSF PRECISION 12V	1610618
S2	SWITCH ROTARY # PA 1015 REMOVED	7409704-1
S1	SWITCH TOGGLE 12ATT-12	1201168
D1	RECT. 12A *MDA 900-1	1110168
C2, C3	CAP. 6.500 MF 25V	1009493
C1	CAP. 160.000 MF 20V	1004874
REF DES.	DESCRIPTION	PART NO

FIRST USED ON OPTION/MODEL K110		PARTS LIST	
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	TITLE MODULE UTILIZATION	
.XXX = .005	10° 30'	REVISIONS	
.XX = .02		DATE	
.X = .1		DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE	
MATERIAL		NEXT HIGHER ASSY.	
FINISH		SCALE	
SHEET 1 OF 1		DIST.	
B-DD-857-0		NUMBER DMU 858-0-MUAB	
		REV	

REVISIONS	CHANGE NO	REV
CHK		

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NOTES:
1. CONNECTIONS ON ITEMS 3-7 TO BE LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
2. USE YEL WIRE ITEM #9 FOR NUMERICALLY CONTROLLED WRAPPING (GARDNER DENVER AND NC HAND WRAP) USE BLU WIRE ITEM #10 FOR UNAIDED HANDWRAP (GARDNER DENVER REWORK, AWT REWORK ETC).

R13	1	RES 470 1/4 W 10% CC	7404646	18
	REF	WIRE LIST		
C8,C9	2	CAP, 2.2UF, ±10% 20VDC	7405962	17
C7	1	CAP, 15UF, ±10% 20VDC	7409712	16
C6	1	CAP, 39UF, ±10% 10VDC	7405963	15
R5	1	RES 220K 1/4W 5% CC	7409711	14
R7	1	RES 180K 1/4 10% CC	7409710	13
R4,R8	2	RES 150K, 1/4W 5% CC	7406519	12
R6 R1-R2	5	RES 1.8K 1/4W 5% CC	7409709	11
	A/R	#24 AWG SOLID KYNAR INS BLU	9107586-66	10
	A/R	#24 AWG SOLID KYNAR INS YEL	9107586-44	9
	A/R	#22 TUBING WHT	9107265-09	8
	A/R	#22 AWG BUSS WIRE	9107560-01	7
	4	SCR. PH. HD. TAPITE #8-32x3/8 LG	9006418	6
	8	SCR. FIL HD POS. DRIVE #8-32x3/8 LG	9006120	5
	4	JRD LUG SHAKEPROOF 216-08-00	9007597	4
	A/R	CHAIN, VOLTAGE	1202188	3
	4	144 PIN CONN BLOCK #H800W	1202244	2
DESG.	2	CONN MTG BAR	B-MD7409609-0-0	1

REV.	A
CHANGE NO.	857-000-002
CHK	A. KEN
	Allen Kent 8/23/72

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
857 P.C.					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN.	DATE	PARTS LIST	
DECIMALS		CHK'D.	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
ANGLES		ENG.	DATE	TITLE	
.XXX = .005		PROJ. ENG.	DATE	WIRED ASSY	
XX = .02		PROD.	DATE	857 POWER CONTROL	
X = .1		REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.	
MATERIAL		D-UA-857-0-0		SIZE CODE	NUMBER
FINISH		SCALE 1/1		CAD	7008893-0-0
		SHEET 1 OF 2		DIST.	REV. A

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1272

EXTERNAL COMPONENTS

ITEM NO.	DESCRIPTION	FROM CONNECTION	TO CONNECTION	REMARKS
11	RESISTOR	AØ2A	AØ3L	1.8K±5% 1/4W
11		BØ6A	BØ6H	
11		BØ6A	BØ6K	
11		BØ6V	CØ6A	
11		BØ7U	CØ6A	1.8K±5% 1/4W
18	RESISTOR	BØ7T	CØ7A	470 ±10% 1/4W
12	RESISTOR	CØ7C	CØ8P	150K±5% 1/4W
12	RESISTOR	DØ8C	DØ8J	150K±5% 1/4W
13	RESISTOR	DØ7C	DØ8P	180K±5% 1/4W
14	RESISTOR	DØ7C	DØ8V	220K±5% 1/4W
15	CAPACITOR	CØ7C	CØ8P +	39µF±10% 10V
16	CAPACITOR	DØ6C	DØ8V +	15µF±10% 20V
17	CAPACITOR	DØ6C	DØ8P +	2.2µF±10% 20V
17	CAPACITOR	DØ7C	DØ8J +	2.2µF±10% 20V

NOTE: LAST LETTER SHOWN IN CONN. CHART DESIGNATES PIN LTR ON 144 PIN BLOCK.

ALL RES. & CAP. ARE SUPPLIED WITH INSULATION & TERMINALS.

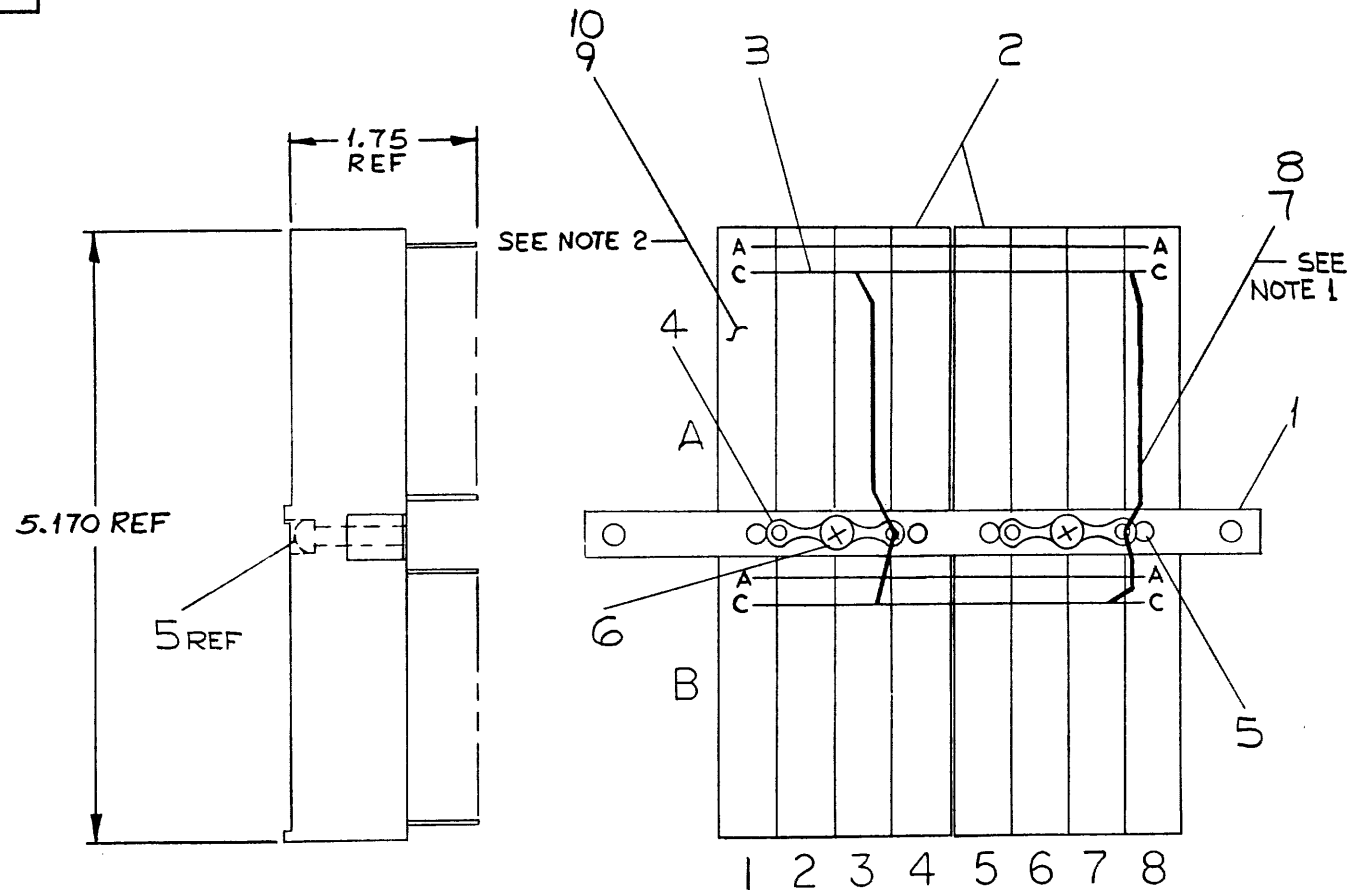
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
857 P.C.				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. DATE CHK'D. DATE ENG. DATE PROJ. ENG. DATE PROD. DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS .XXX = .005 .XX = .02 .X = .1	ANGLES ±0° 30'	TITLE WIRED ASSY		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		857 POWER CONTROL		
MATERIAL — / — / —	NEXT HIGHER ASSY. D-UA-857-0-0		SIZE CODE C AD	NUMBER 7008893-0-0
FINISH — / — / —	SCALE SHEET 2 OF 2		REV. A	

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REVISIONS		
CHK	CHANGE NO.	REV.
874	857-00003	A
E. ALLain 8-31-73		
A. KENT		
Allan Kent 13 Feb 74		

FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.		
KIIØ							
PARTS LIST							
DRN.	W. Hough	DATE	4-28-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
CHK'D.	Allan Kent	DATE	26 May 72				
ENG.	Allan Kent	DATE	26 May 72				
PROJ. ENG.	Allan Kent	DATE	26 May 72				
PROD.	Allan Kent	DATE	26 May 72				
NEXT HIGHER ASSEMBLY			TITLE				
B-DD-857-0			WIRE LIST				
			857 PWR CONT.				
SCALE		SIZE	CODE	NUMBER	REV.		
		K	WL	857-Ø-WL	A		
SHEET 1 OF 1		DIST.					

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NOTES:

1. CONNECTIONS ON ITEM 3&7 TO BE LOCATED AT MINIMUM PRACTICAL HEIGHT ABOVE BLOCKS.
2. USE YEL WIRE ITEM #9 FOR NUMERICALLY CONTROLLED WRAPPING (GARDNER DENVER AND NC HANDWRAP) USE BLU WIRE ITEM #10 FOR UNAIDED HAND WRAP (GARDNER DENVER REWORK, AWT REWORK ETC.)

EXTERNAL COMPONENTS				
ITEM NO	DESCRIPTION	FROM CONNECTION	TO CONNECTION	REMARKS
11	RESISTOR	AØ4C	AØ4N	WITH INS TERMI POINTS
11	RESISTOR	AØ4S	BØ4C	WITH INS TERMI POINTS
12	RESISTOR	AØ8P	AØ8C	WITH INS TERMI POINTS
12	RESISTOR	AØ8T	BØ8C	WITH INS TERMI POINTS

2	RES 200 2W 5%	7410679	12	REV. A
REF	WIRE LIST			
2	RES 1K 1/4W 5%	7405969	11	
A/R	#24 AWG SOLID KYNAR INS(BLU)	9107586-66	10	
A/R	#24 AWG SOLID KYNAR INS(YEL)	9107586-44	9	
A/R	#22 TUBING WHT	9107265-09	8	
A/R	#22 AWG BUS WIRE	9107460-01	7	
2	SCR,PHL HD TAPTITE#8-32x3/8 LG	9006418	6	
4	SCR,FIL HD POSIDRIVE#8-32x5/8	9006120	5	
2	GND LUG SHAKEPROOF 2116-08-00	9007597	4	
A/R	CHAIN VOLTAGE	1202188	3	
2	144 PIN CONN BLOCK H800-W	1202244	2	
1	CONN MTG BAR	B-MD-74096320-0	1	

FIRST USED ON OPTION/MODEL 858 P.C.	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. W. Hovay 3-27-72	DATE 3-27-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
DECIMALS ANGLES		CHK'D J. Hovay 5/15/72	DATE 5/15/72	
.XXX = .005 .XX = .02 .X = .1		ENG J. Hovay 5/22/72	DATE 5/22/72	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD. J. Hovay 5/23/72	DATE 5/23/72	
MATERIAL H	NEXT HIGHER ASSY. D-UA-858-0-0		SIZE CODE C	NUMBER AD 7008895-0-0
FINISH H	SCALE 1/1		DIST.	REV. A
SHEET 1		OF 1		

REVISIONS		
CHK	CHANGE NO.	REV.
22	858-00001	A
KENT		
Allan Kozil 21 Nov 72		

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FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION		PART NO.	ITEM NO.
K11Ø			PARTS LIST			
DRN.	W. Harg	DATE	4-28-72			
CHK'D.	Alan Kent	DATE	26 May 72			
ENG.	Alan Kent	DATE	26 May 72			
PROJ. ENG.	Alan Kent	DATE	26 May 72			
PROD.	M. J. Harg	DATE	5/28/72			
NEXT HIGHER ASSEMBLY			B-DD-858 - Ø			
SCALE			4			
SHEET			1 OF 1			
TITLE			WIRE LIST 858 AUX POWER CONT.			
SIZE			K WL			
CODE			858 - Ø - WL			
NUMBER			REV.			
DIST.						

REV. NO.	REV.
CHANGE NO.	
CHK	

