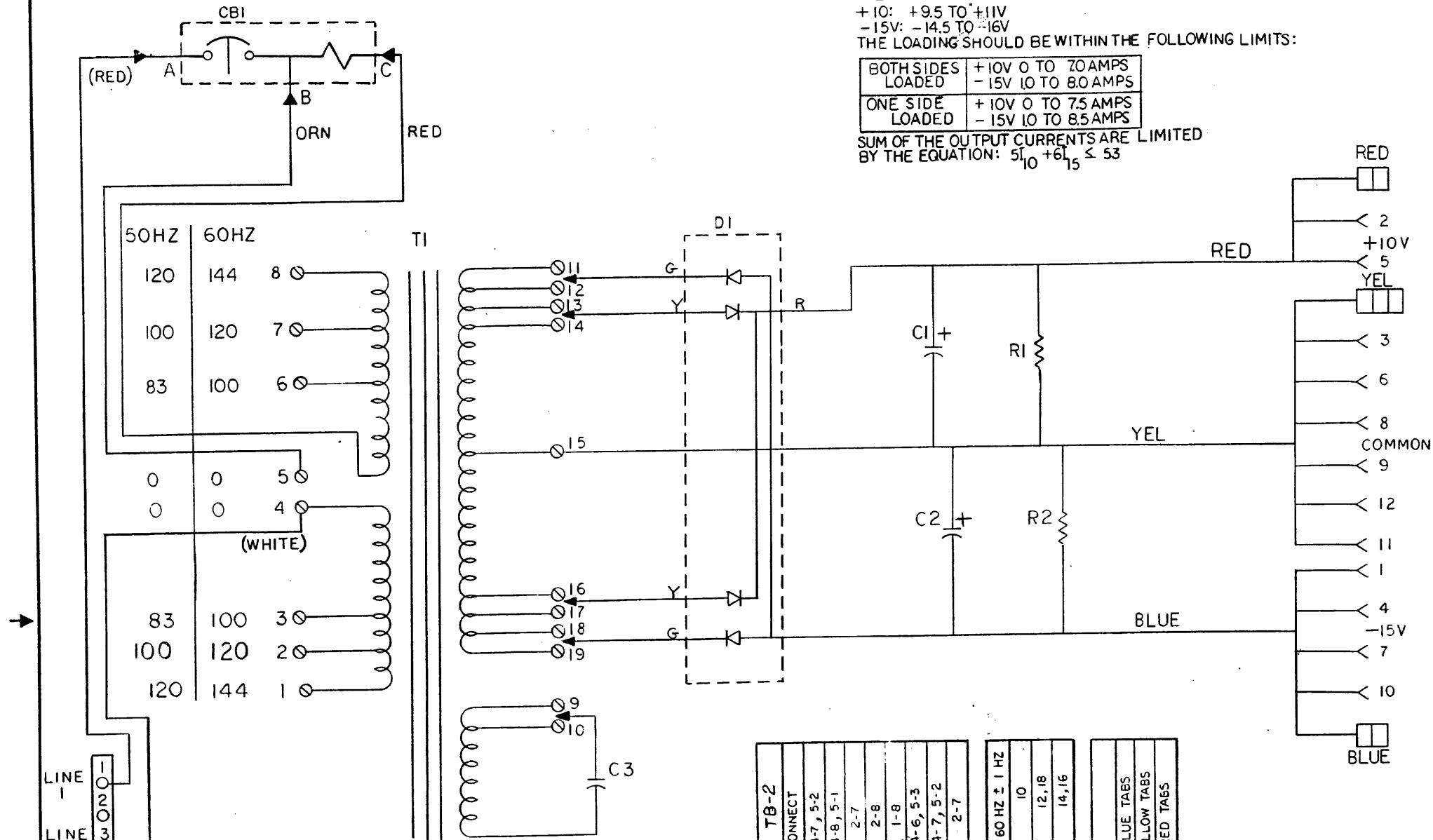


THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY. COPYRIGHT BY DIGITAL EQUIPMENT CORPORATION 1972

NOTE:  
 IN ORDER TO KEEP OUTPUT VOLTAGE WITHIN THE FOLLOWING LIMITS:  
 +10V: +9.5 TO +11V  
 -15V: -14.5 TO -16V  
 THE LOADING SHOULD BE WITHIN THE FOLLOWING LIMITS:

BOTH SIDES LOADED	+10V 0 TO 7.0 AMPS -15V 1.0 TO 8.0 AMPS
ONE SIDE LOADED	+10V 0 TO 7.5 AMPS -15V 1.0 TO 8.5 AMPS

SUM OF THE OUTPUT CURRENTS ARE LIMITED BY THE EQUATION:  $5I_{10} + 6I_{15} \leq 53$



LINE 1  
 LINE 2  
 TB-2  
 CINCH JONES  
 #140  
 TERMINAL STRIP

- NOTES:
- < MATE-N-LOK
  - HEYMAN TAB
  - JONES STRIP (PART OF TI)
  - ← QUICK-CONNECT

power supply  
 783C

LINE TERMINALS 1,3 TB-2	CONNECT	60 HZ ± 1 HZ
INPUT VOLTAGE ± 15 %	4-7, 5-2	10
100V 50 HZ	4-8, 5-1	9
115V 50 HZ	2-7	11,19
200V 50 HZ	2-8	13,17
240V 50 HZ	1-8	
240V 50 HZ	4-6, 5-3	
100V 60 HZ	4-7, 5-2	
120V 60 HZ	2-7	
240V 60 HZ		
CONNECT CAPACITOR TO		
-15V RECTIFIER		
+10V RECTIFIER		
OUTPUT		
15V PINS 1,4,7,10	BLUE TABS	
COMMON RETURN PINS 3,6,8,9,11,12	YELLOW TABS	
10V PINS 2,5	RED TABS	

BK1	SHUNT TRIP CB 2A	1210896-1
	MATE N LOCK AMP	1209350-12
	HEYMAN TAB BLU	9007232
	HEYMAN TAB RED	9007231
	HEYMAN TAB YEL	9007233
REF	PARTS LIST	A-PL-783C-0-0
DI	DIODE DMI	1102933
R1 R2	150HMS 25W	1300181
C3	CAP	FURN WITH TI
C1,C2	CAP 160,000 μF	1004874
TI	TRANS T-68157	1610416
REF DES	DESCRIPTION	PART NO.

REVISIONS	
CHK CHG NO. REV	
W.D. 00001 A	
W.D. 00002 B	
W.D. 00003 C	

DRN.	DATE
W. How	2-3-71
CHK'D	DATE
J. J. J.	2-25-71
ENR.	DATE
P. E. J.	2-12-71
PROD.	DATE
D. J. J.	2-13-71

TRANSISTOR & DIODE CONVERSION CHART			
DEC	EIA	DEC	EIA

**digital**  
 EQUIPMENT CORPORATION  
 MAYNARD, MASSACHUSETTS

TITLE POWER SUPPLY			
783C			
SIZE	CODE	NUMBER	REV.
C	CS	783C-0-1	C
PRINTED CIRCUIT REV.			

SIZE CODE NUMBER REV.  
 C CS 783C-0-1 C