

ISSUE NOTES (CONTINUED)					ISSUE NOTES (CONTINUED)					ISSUE NOTES				
LIST J ADDED. ORIG ISS: 02/03/83 NDD NBR: 1C176IH-109 CHANGE CLASS: B					IN TABLE A LIST C RATING READ "STD". LIST D & NOTE 18 ADDED. OCW POINT 10.1,11.1,11.2 & 11.3 INCLUDED. ORIG ISS: 02/03/83 NDD NBR: 1C165CU-107 CHANGE CLASS: B					TABLE AC & NOTE 16 ADDED. ITEM 1061 CHANGED. ORIG ISS: 02/03/83 CHANGE CLASS: D				
DRAFT: KAG	ENGR: KAG	SUPV: PCF	CERTIFIED: 06/13/91	ISSUE: 19	DRAFT: TPS	ENGR: JEH	SUPV:	CERTIFIED: 07/24/87	ISSUE: 12	DRAFT: GES	ENGR: RHM	SUPV:	VAULT: 07/26/83	ISSUE: 4
SL ITEM 1381 CHGD. ORIG ISS: 02/03/83 CHANGE CLASS: M					SL ITEM 1022 CHGD. IN TITLE BOX DISTRIBUTION CODE READ 'XT99'. OCW POINT ISSUE 12.1 INCLUDED. ORIG ISS: 02/03/83 CHANGE CLASS: M					IN SL ITEM 1310 QTY READ 2. SL ITEMS 1060,1061,1062,1300,1301 & 1410 RMVD & MOVED TO J1C165B-1 DWG. NOTE 15 CHGD. SL ITEM 1020 LINED OUT, ITEM 1021 ADDED. ORIG ISS: 02/03/83 NDD NBR: 1C165IH-15 CHANGE CLASS: B				
DRAFT: TPS	ENGR: TPS	SUPV: PCF	CERTIFIED: 01/07/94	ISSUE: 20	DRAFT: JLC	ENGR: JAR	SUPV:	CERTIFIED: 03/21/88	ISSUE: 13	DRAFT: GES	ENGR: RHM	SUPV:	VAULT: 11/16/83	ISSUE: 5
IN TBL ALL LIST WILL BE RATED "DA" WITH THIS ISSUE. ORIG ISS: 02/03/83 CHANGE CLASS: M					LIST G ADDED. ORIG ISS: 02/03/83 NDD NBR: 1C176CU-57 CHANGE CLASS: B					FIG.1 STAMPING '04' ADDED. SL ITEM 1520 & 1530 CHGD. ORIG ISS: 02/03/83 CHANGE CLASS: B				
DRAFT: TPS	ENGR: TPS	SUPV: CDH	CERTIFIED: 11/25/96	ISSUE: 21	DRAFT: JLC	ENGR: KAG	SUPV:	CERTIFIED: 05/03/88	ISSUE: 14	DRAFT: GES	ENGR: GJL	SUPV:	VAULT: 12/18/84	ISSUE: 6
					TABLE A LIST G 'B-1' ADDED. ORIG ISS: 02/03/83 NDD NBR: 1C176CU-67 CHANGE CLASS: B					LIST A ADDED. CN0044CU ORIG ISS: 02/03/83 CHANGE CLASS: AC				
					DRAFT: MSB ENGR: KAG SUPV: PCF CERTIFIED: 01/24/89 ISSUE: 15					DRAFT: GES ENGR: RWR SUPV: VAULT: 03/15/85 ISSUE: 7				
					LIST F ADDED. ORIG ISS: 02/03/83 NDD NBR: 1CU215CU-1 CHANGE CLASS: B					LISTS WA, WB & NOTE 53 ADDED. ORIG ISS: 02/03/83 NDD NBR: 1C176IH-14 CHANGE CLASS: B				
					DRAFT: TPS ENGR: KAG SUPV: CERTIFIED: 06/16/89 ISSUE: 16					DRAFT: GES ENGR: JRC SUPV: VAULT: 04/01/85 ISSUE: 8				
					SL ITEM 1370 LINED OUT; ITEM 1371 ADDED. PER OCW POINT ISSUE 16.1 SL ITEM 1190 & 1690 LINED OUT; ITEM 1195 & 1695 ADDED. FIG. 1 AND SECT. A-A CHGD. ORIG ISS: 02/03/83 NDD NBR: 1C165CU-131 CHANGE CLASS: B					LIST C, TABLE BB & NOTE 16 ADDED. FIG. 1 CHGD. OCW POINT ISSUE 7.1. ORIG ISS: 02/03/83 NDD NBR: 1C165CU-63 CHANGE CLASS: B				
					DRAFT: JAR ENGR: JAR SUPV: PCF CERTIFIED: 02/20/90 ISSUE: 17					DRAFT: GES ENGR: JAR SUPV: VAULT: 09/03/85 ISSUE: 9				
					IN TBL A LIST H ADDED. IN TBL A LISTS A & F RATED "DA". ORIG ISS: 02/03/83 NDD NBR: 1C176IH-90 CHANGE CLASS: B					LIST B ADDED. ORIG ISS: 02/03/83 NDD NBR: 1C1615CU-53 CHANGE CLASS: B				
					DRAFT: DJS ENGR: DJS SUPV: PCF CERTIFIED: 08/14/90 ISSUE: 18					DRAFT: GES ENGR: GJL SUPV: VAULT: 11/12/85 ISSUE: 10				
										----- * DRAWING CONVERTED FROM SEDBS TO MDS COMPUTER SYSTEMS. * * THIS IS A MACHINE COPY OF THE LATEST SEDBS CERTIFIED ISSUE * * AND MAY CONTAIN MINOR DIFFERENCES. THE TABLE OF ASSOCIATED * * DRAWINGS WAS ELIMINATED DURING MIGRATION TO ASSIST THE * * SCRUBBING OF PROPRIETARY INFORMATION. * ----- NOTE 17 ADDED. ORIGINAL SEDBS CERTIFICATION DATE OF THIS ISSUE IS 12/02/85. DRAWING RATING READ 'STD'. CN0093CU ORIG ISS: 02/03/83 CHANGE CLASS: AC				
										DRAFT: TPS ENGR: DLG SUPV: CERTIFIED: 11/06/86 ISSUE: 11				

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RN98	
COMMON SYSTEMS SPECIFICATION FOR 3B PROCESSOR 3B20S MODEL 2 BASIC INPUT/OUTPUT UNIT	
DWG SIZE C2	ISSUE 21
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TABLE A-FEATURES

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE BASIC INPUT/OUTPUT PROCESSOR UNIT. DA EFF:11/30/96 FE/RA:NONE		DA	1	1	T4C115-11	1			SD4C115-01	1	
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE INRUSH PROTECTION.		DA	A		T4C115-11			V OMIT W	SD4C115-01		V OMIT W
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE A NEW BACKPLANE. DA EFF:11/30/96 FE/RA:NONE		DA	B	1	T4C115-11	1			SD4C115-01	1	T
APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE 132G APPARATUS MOUNTINGS.		DA	C								
APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE 132G APPARATUS MOUNTING AND UNIVERSAL CARD GUIDES. DA EFF:11/30/96 FE/RA:NONE		DA	D								
APPARATUS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE CIRCUIT PACK KEYING. DA EFF:11/30/96 FE/RA:NONE		DA	E								
MATERIAL OMISSION REQUIRED IN ADDITION TO LIST A WHEN UNIT IS USED ON J1C215C-1 PIC CABINET.		DA	F								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 WHEN UNIT IS USED ON 3B20D MODEL 3 PIC CABINETS (J1C215A-1,B-1 & C-1). DA EFF:11/30/96 FE/RA:NONE		DA	G								
APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE EXTENDED INPUT VOLTAGE OPERATION DA EFF:11/30/96 FE/RA:NONE		DA	H	1					SD4C115-01		
APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE TN70C CIRCUIT PACK. DA EFF:11/30/96 FE/RA:NONE		DA	J								
BACKPLANE WIRING OPTION ALWAYS REQUIRED FOR 3B20S APPLICATIONS. DA EFF:11/30/96 FE/RA:NONE		DA	WA	1					SD4C115-01	(1)	Y
BACKPLANE WIRING OPTION ALWAYS REQUIRED FOR 3B20D APPLICATIONS. DA EFF:11/30/96 FE/RA:NONE		DA	WB	1					SD4C115-01	(1)	X

END OF TABLE-A

ENGINEERING NOTES

51. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP. IN TABLE A, THE SD FIGURES, AND OPTIONS AGREE WITH SIMILARLY DESIGNATED WIRING DIAGRAM FIGURES AND OPTIONS UNLESS OTHERWISE DESIGNATED.
52. THIS UNIT IS PART OF THE 3B20 SIMPLEX MODEL 2 AND MOUNTS IN J1C161B-1, J1C163B-1 & J1C164B-1 CABINETS.
53. THIS UNIT CAN BE USED IN 3B20D APPLICATIONS WIRING OPTION WB IS REQUIRED WHICH PROVIDE ALARM, SCAN/SD AND COOLING UNIT START CONSISTENT WITH 3B20D.
54. IN 3B20D APPLICATIONS THIS UNIT MOUNTS IN J1C215A-1,B-1,C-1 AND J1C184A-1 CABINETS.

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COMMON SYSTEMS
 SPECIFICATION FOR
 3B PROCESSOR
 3B20S MODEL 2
 BASIC INPUT/OUTPUT
 UNIT

RN98

DWG SIZE C2
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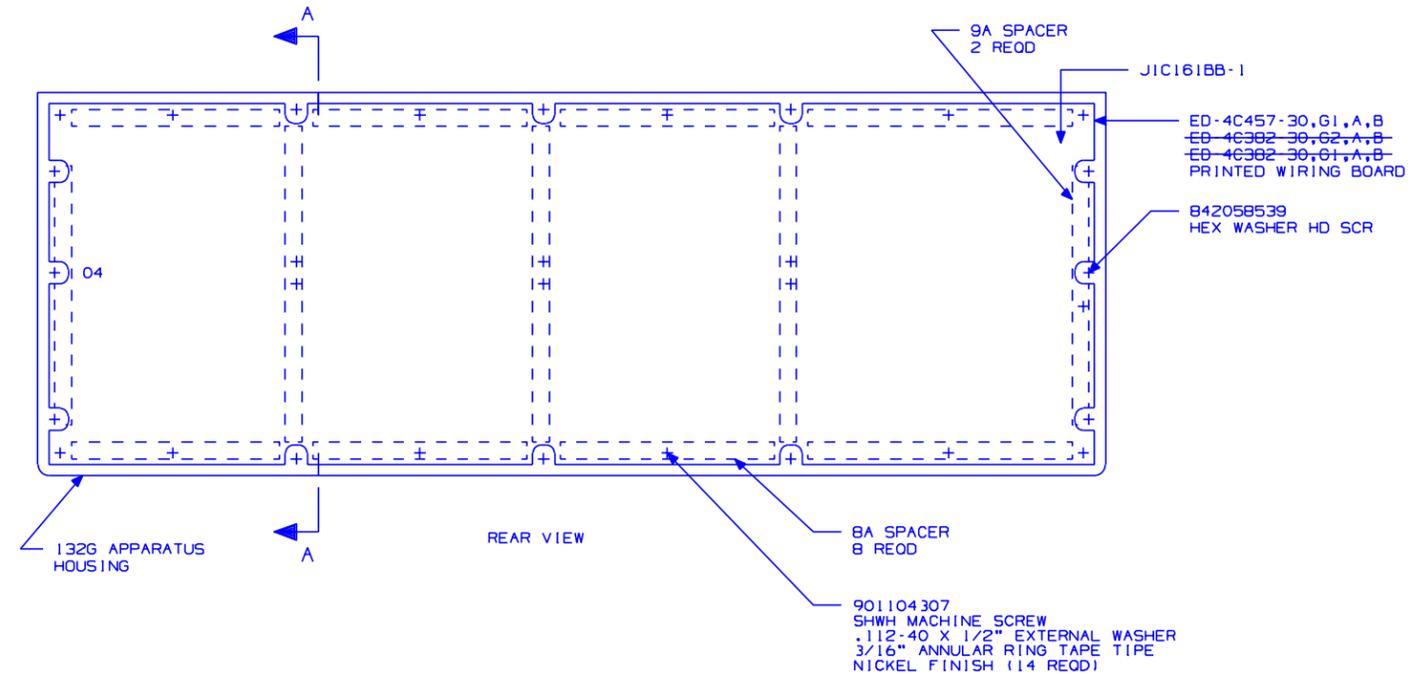


TABLE BB

COMCODE NUMBER	GUIDE CODE	TOP POSITION	COMCODE NUMBER	GUIDE CODE	BOTTOM POSITION
845215607	50	6	845216605	50	6
		10			10
		14			14
		17			17
		21			21
845215862	76	25	845216860	76	25
		29			29
		34			34
		37			37
		41			41
845215870	77	45	845216878	77	45
		49			49
		53			53
		57			57
		61			61
		64			64
845215888	78	67	845216886	78	67
		70			70
		72			72
		75			75
		79			79
		87			87

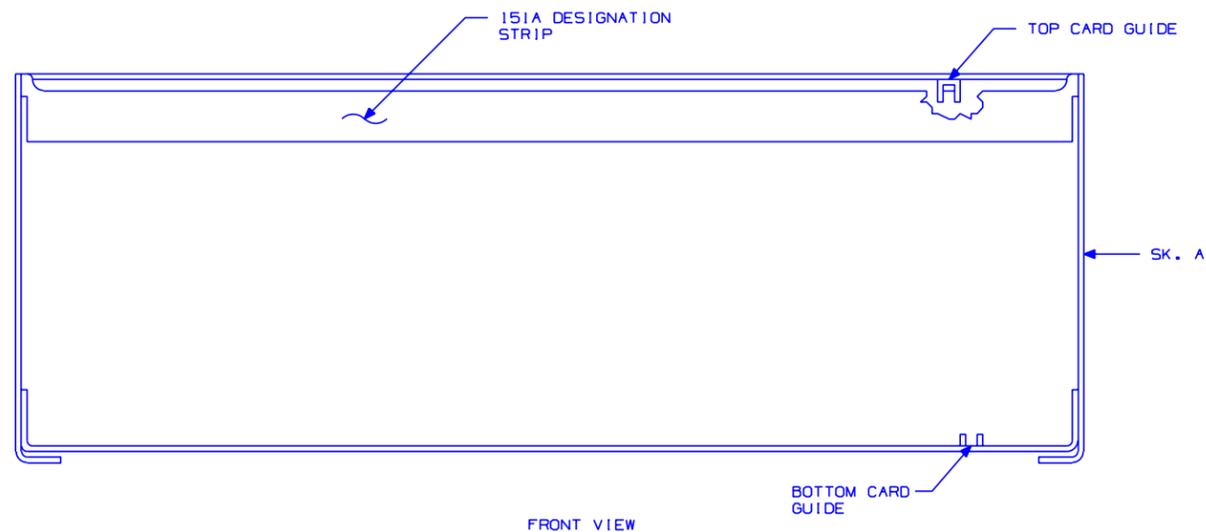


FIG. 1

TABLE BC

COMCODE NUMBER	GUIDE CODE	TOP POSITION	COMCODE NUMBER	GUIDE CODE	BOTTOM POSITION
845216100	100	6	845217108	100	6
		10			10
		14			14
		17			17
		21			21
845216100	100	25	845217108	100	25
		29			29
		34			34
		37			37
		41			41
845216100	100	45	845217108	100	45
		49			49
		53			53
		57			57
		61			61
		64			64
845216100	100	67	845217108	100	67
		70			70
		72			72
		75			75
		79			79
		87			87

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3B205 MODEL 2
BASIC INPUT/OUTPUT
UNIT

DWG SIZE
C2

ISSUE
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SHEET INDEX	ISSUE									
	SH NO.									
ISSUE										
SH NO.										
ISSUE	19									
SH NO.	B1									

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TABLE AA (SEE FIG. A) 127 APP MTG TERMINAL MOUNTING LOCATION				
APP MTG	LEV	LOCATION	LEV	LOCATION
127C	04	016-300	04	078-132
		024-100		078-332
		024-132		078-532
		038-132		078-732
		038-332		086-132
		038-532		086-332
		038-732		086-532
		046-132		086-732
		046-332		086-100
		046-532		086-300
		046-732		094-132
		054-132		094-332
		054-332		094-532
		054-532		094-732
		054-732		102-132
		062-132		102-332
		062-332		102-532
		062-532		102-732
		062-732		148-100
		070-100		148-300
		070-132		154-100
		072-332		154-300
		076-100		162-332
		076-132		178-100
062-500	178-132			
078-500	178-300			

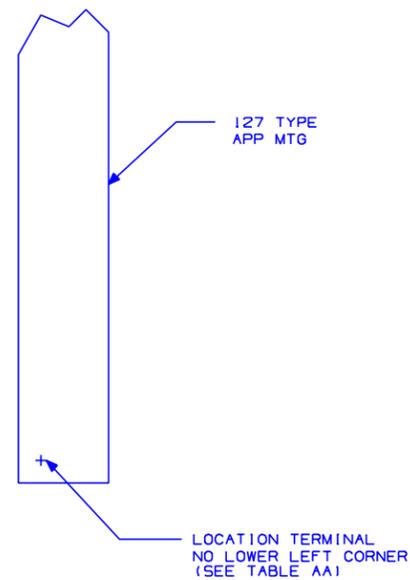
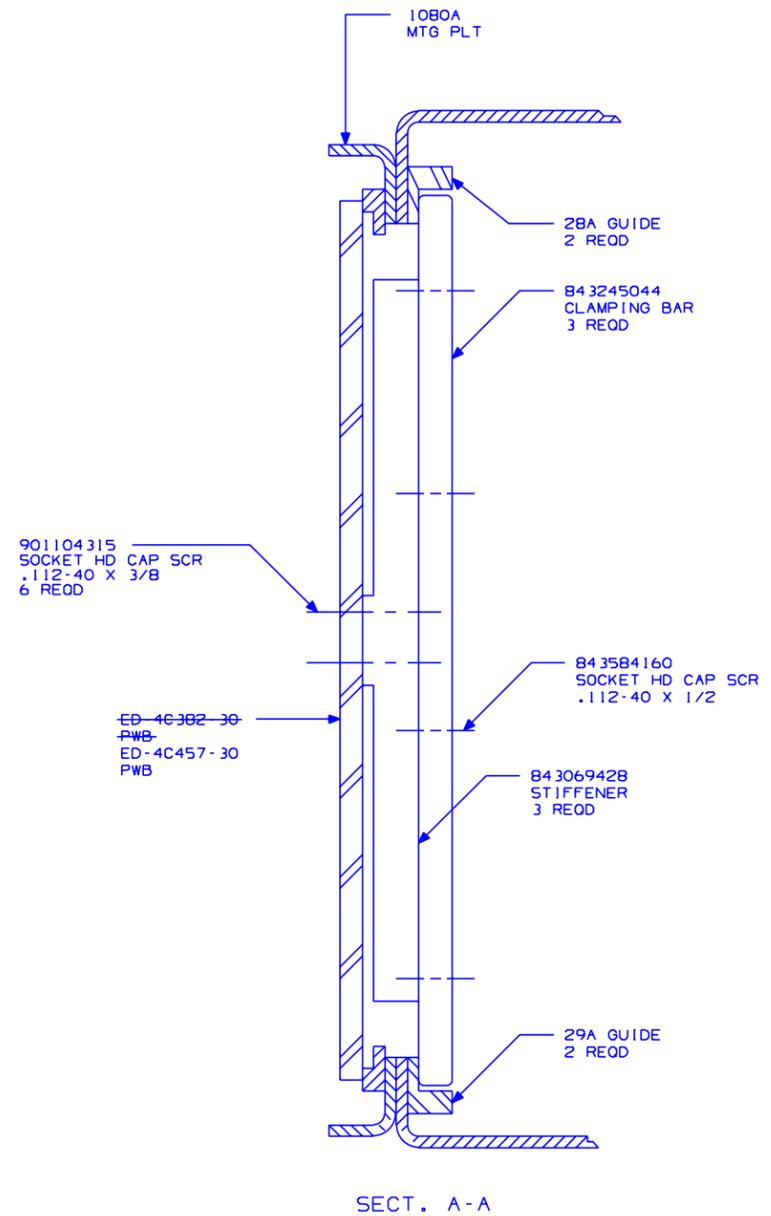


FIG. A
REAR VIEW
SEE NOTE 12



SECT. A-A

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3B205 MODEL 2
BASIC INPUT/OUTPUT
UNIT

DWG SIZE C2	ISSUE 19
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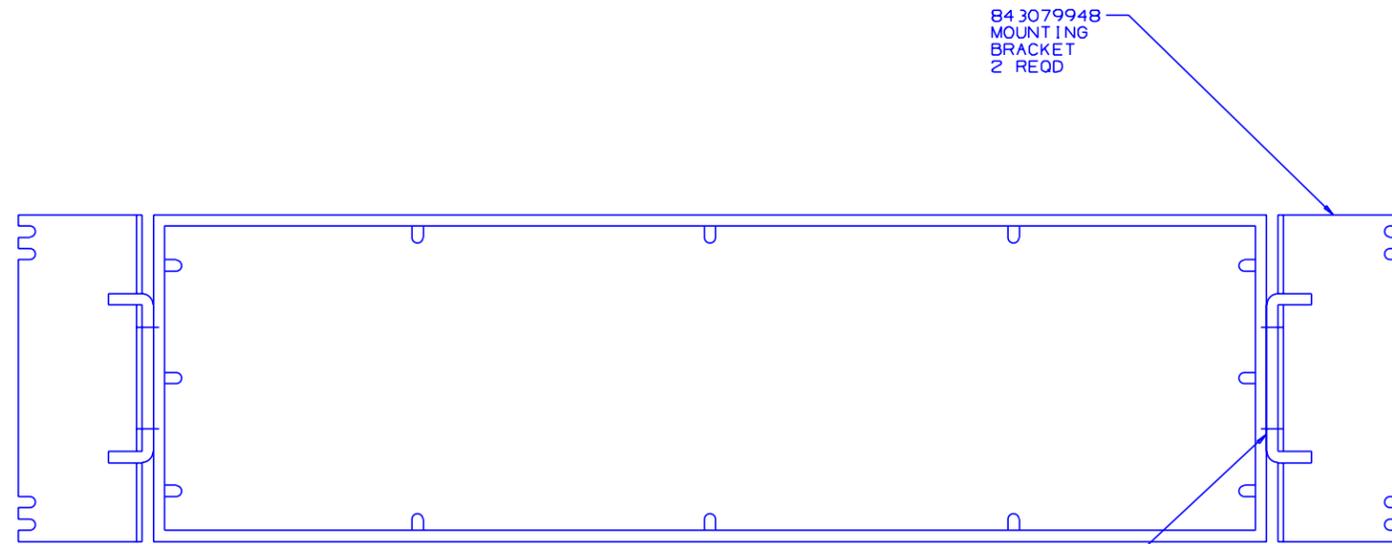
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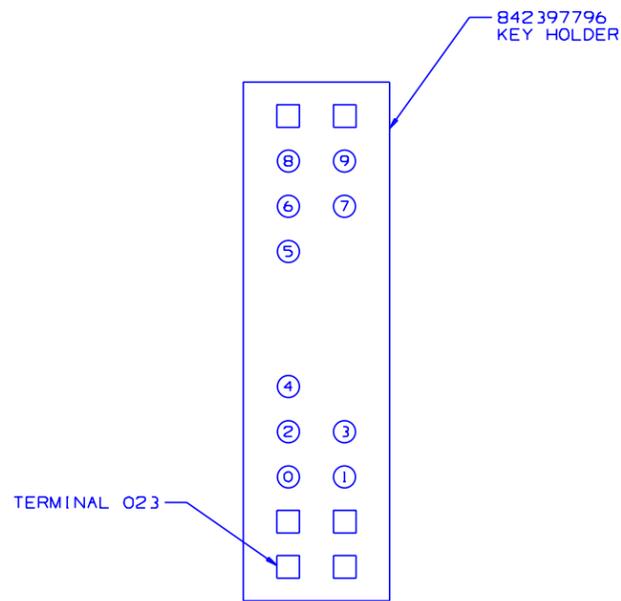
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SHEET INDEX	ISSUE								
	SH NO.								
ISSUE									
SH NO.									
ISSUE	19	19							
SH NO.	C1	C2							

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REAR VIEW
FIG. B
SHOWING MOUNTING BRACKETS
(LIST G)



DETAIL AA
FRONT OR APPARATUS SIDE

TABLE CA
BACKPLANE KEY CODES & ASSOCIATED EQLS

KEY HOLDER	APP CODE	EQL	KEY
842397796	494GA	04-024	B-01489
	TN9B	04-032	B-02789
	NOTE 19	04-038	B-56789
	NOTE 19	04-046	B-56789
	NOTE 19	04-054	B-56789
	NOTE 19	04-062	B-56789
	TN9B	04-072	B-02789
	NOTE 19	04-078	B-56789
	NOTE 19	04-086	B-56789
	NOTE 19	04-094	B-56789
	NOTE 19	04-102	B-56789
	UN25B	04-110	B-03468
	TN61B	04-126	B-02679
	TN84	04-132	B-02689
	TN70C	04-148	B-24579
	TN69B	04-154	B-02678
	TN6C	04-162	B-03678
	495FA	04-178	B-01567

KEYS 843436171 ARE INSERTED FROM FRONT, LOOKING AT DETAIL AA, PER KEY CODE. NUMBERING SCHEME FOR DETERMINING LOCATION OF KEYS IS INDICATED IN DETAIL ABOVE.

e.g. KEY CODE B-14579 WILL HAVE KEYS INSERTED IN LOCATIONS 1,4,5,7 & 9.

ASSEMBLED KEY CODE SHALL BE INSTALLED ON THE CIRCUIT PACK SIDE OF THE BACKPLANE IN THE EQL'S INDICATED IN TABLE CA USING LOWER LEFTMOST TERMINALS AS THE LOCATING TERMINAL FOR EACH EQL. ALWAYS TERMINAL 023.

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3B205 MODEL 2
BASIC INPUT/OUTPUT
UNIT

DWG SIZE C2	ISSUE 19
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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1375	1	1	103753265	TN69B	PACK,CIRCUIT POS 154				
1380	1	1	103555710	495F1	UNIT, POWER CLEI = PWPQ21FAXX POS 178				
1381	1	1	103803649	495FA	UNIT, POWER FE CLEI=PWPQAC3A CLEI = PWPQAPVA POS 178				
1510	1	1	843077991		SPACER (LEFT BOTTOM)				
1520	1	1	ED4C222-30,G15		ASSEMBLY, BACKPLANE CONNECTOR EQPT POS 004-148-300				
1530	1	1	ED4C222-30,G16		ASSEMBLY, BACKPLANE CONNECTOR EQPT POS 004-148-100				
1540	A	1	104186184	TN6B	PACK,CIRCUIT CLEI = SPPQ10EAXX POS 162				
1550	A	OMIT 1	103154431	TN6	PACK,CIRCUIT CLEI = SP3Q03FAXX POS 162				
1560	A	1	ED4C414-10,G72		LABEL, 3B20 S/A/C (REAR)				
1600	C,D	OMIT 1	103318408	132B	MOUNTING, APPARATUS				
1605	C,D	1	104192968	132G	MOUNTING, APPARATUS				
1610	C,D	OMIT 22	103276366	19A	GUIDE (TOP)				
1615	C,D	OMIT 22	103276358	18A	GUIDE (BOTTOM)				
1620	C	1	845215607		GUIDE, TOP (CODE 50)				16
1625	C	1	845215862		GUIDE, TOP (CODE 76)				16
1630	C	1	845215870		GUIDE, TOP (CODE 77)				16
1635	C	1	845215888		GUIDE, TOP (CODE 78)				16
1640	C	1	845216605		GUIDE, BOTTOM (CODE 50)				16
1645	C	1	845216860		GUIDE, BOTTOM (CODE 76)				16
1650	C	1	845216878		GUIDE, BOTTOM (CODE 77)				16
1655	C	1	845216886		GUIDE, BOTTOM (CODE 78)				16
1660	C,D	OMIT 2	103315891	28A	GUIDE (TOP)				
1665	C,D	OMIT 2	103315909	29A	GUIDE				
1670	C,D	OMIT 3	843583923		BAR, CLAMPING				
1675	C,D	3	843245044		BAR, CLAMPING				
1680	C,D	OMIT 14	842701716		WASHER, BACKPLANE				
1685	C,D	OMIT 14	842058547		SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 7/16 IN. TYPE TT				
1690	C,D	14	900821984		SCREW, HEXAGON WASHER HEAD .112-40 X 7/16 IN. TAP TITE SLOTTED SEMS PRODUCTS				
1695	C,D	14	901104307		SCREW, HEXAGON WASHER HEAD .112-40 X 1/2 IN. SEMS				
1700	D	4	845216100		GUIDE, TOP CARD (CODE 100)				18
1710	D	4	845217108		GUIDE, BOTTOM CARD (CODE 100)				

***** STOCKLIST CONTINUED AT RIGHT *****

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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1720	E	18	842397796		HOLDER, KEY				20
1730	E	90	843436171		KEY, TUBULAR				20
1740	F	OMIT 1	ED4C414-10,G72		LABEL, 3B20 S/A/C				
1950	G	2	843079948		BRACKET, MOUNTING				
1960	G	12	900820077		SCREW, SLOT HEXAGON WASHER HEAD .164-32 X 5/16				
1970	G	4	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH				*/
1975	H	1	106068075	TN6C	PACK,CIRCUIT CLEI = SP3Q1D31 POS 162				
1980	H	1	ED4C429-31,G24		LABEL, 3B20D MOD 3 COMPUTER SYSTEM (REAR)				
1985	H	1	106237910	TN9B	PACK,CIRCUIT CLEI = SP3Q70KA POS 072				
1990	H	1	ED4C429-31,G42		LABEL, 3B20D MOD 3 COMPUTER SYSTEM (REAR)				
1995	H	OMIT 1	104186184	TN6B	PACK,CIRCUIT CLEI = SPPQ10EAXX POS 162				
2000	H	OMIT 1	103344057	TN9	PACK,CIRCUIT CLEI = SP3Q03GAXX POS 072				
2005	J	OMIT 1	103753273	TN70B	PACK,CIRCUIT CLEI = SP3Q06JAXX POS 148				
2010	J	1	106461247	TN70C	PACK,CIRCUIT CLEI = SP3Q06NA POS 148				
2015	J	1	ED4C429-31,G70		LABEL, 3B20D MOD 3 COMPUTER SYSTEM (REAR)				

***** END OF STOCKLIST *****

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COMMON SYSTEMS
SPECIFICATION FOR
3B PROCESSOR
3B20S MODEL 2
BASIC INPUT/OUTPUT
UNIT

DWG SIZE C2 ISSUE 21

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