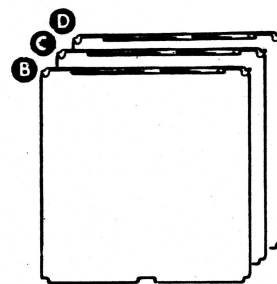
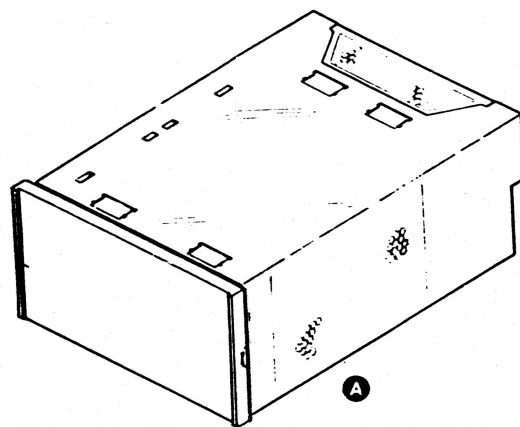


# INSTALLATION SPECIFICATIONS



Component	Mounting Location
A 16-SLOT CHASSIS	CABINET
B CPU	16-SLOT CHASSIS
C MEMORY	16-SLOT CHASSIS
D FLOATING POINT UNIT (FPU)	16-SLOT CHASSIS

SLOT	ALLOWED (SLOT CHART)	ASSIGNED	+5 CURRENT DRAW	+12 CURRENT DRAW	-5 CURRENT DRAW	WATTS
16	I/O					
15	I/O					
14	I/O					
13	I/O					
12	I/O					
11	MEM. OR I/O					
10						
9						
8						
7						
6						
5						
4						
3	MEM. OR I/O					
2	MEM OR FPU NOTE 2,3					
1	CPU NOTE 1					
0	POW SUPPLY					

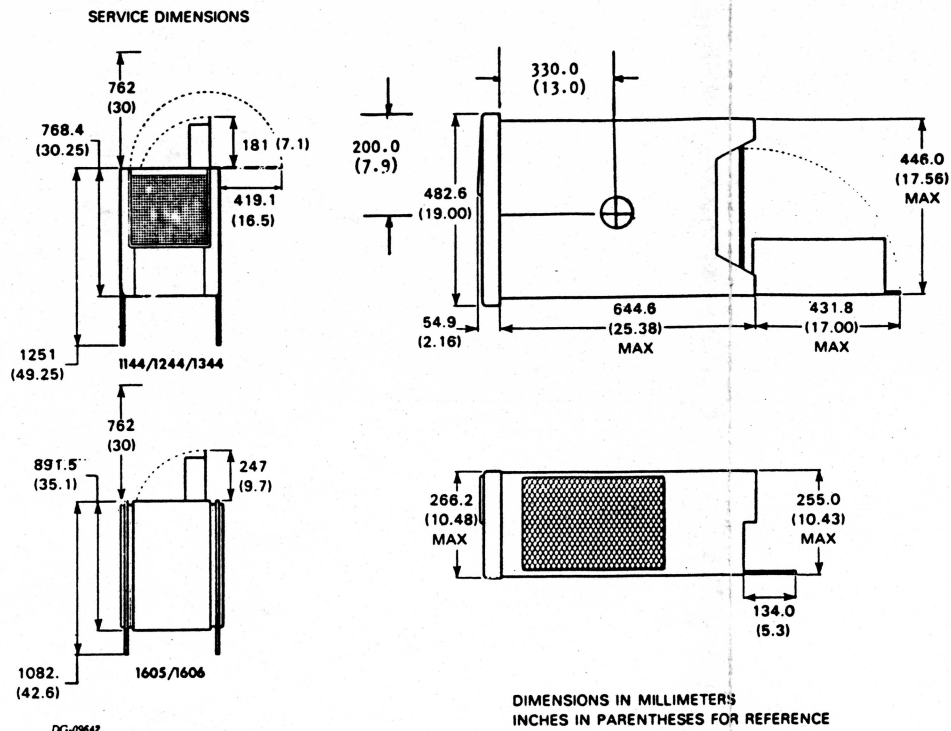
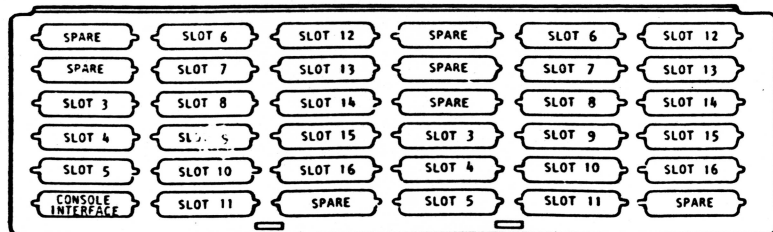
- NOTES:
- NOVA 4/S and NOVA 4/X 13.5A  
NOVA 4/C 8A
  - MEMORY (NOVA 4/S & 4/X only)  
w/ BATTERY BACKUP OPTION PRESENT 4.4A  
w/o BATTERY BACKUP OPTION PRESENT 5.6A
  - FLOATING POINT UNIT 15A
  - MAXIMUM 4 MEMORY BOARDS PER SYSTEM.
  - MAXIMUM 10 I/O BOARDS CONNECTED TO I/O BUS W/O A BUS REPEATER.
  - PUSH-ON TERMINATORS ON TOP MEMORY SLOT FOR NOVA 4/S & 4/X.
  - PUSH ON TERMINATORS ON SLOT 2 FOR NOVA 4/C

TOTAL +5 CURRENT DRAW	_____ A	TOTAL +12 CURRENT DRAW	_____ A	TOTAL -5 CURRENT DRAW	_____ A
MAX +5 CURRENT AVAILABLE	120 A	MAX +12 CURRENT AVAILABLE	12.5 A	MAX -5 CURRENT AVAILABLE	8 A
+5 CURRENT SURPLUS	_____ A	+12 CURRENT SURPLUS	_____ A	-5 CURRENT SURPLUS	_____ A
MINIMUM -5 CURRENT	6 A	MINIMUM +12 CURRENT	0 A	MINIMUM -5 CURRENT	0 A

\*SEE SHEET B THIS IDS FOR MORE DETAILS.

-1 (JAPAN) MODEL LIMITED TO 110 AMPS +5V AND 550 WATTS TOTAL POWER OUTPUT.

### STANDARD ASSIGNMENT FOR BACKPANEL TO BULKHEAD INTERNAL CABLES



DIMENSIONS IN MILLIMETERS  
INCHES IN PARENTHESES FOR REFERENCE

<b>DIMENSIONS:</b>	Width	Depth	Height
Millimeters	482.6	699.5	266.3
Inches	19.00	27.54	10.48
<b>SERVICE CLEARANCES:</b>	Front	Rear	Left or Right
Millimeters	762	762	762
Inches	30	30	30
<b>WEIGHT:</b>	Empty	Fully Loaded	
Kilograms	30.6	46.5	
Pounds	67.5	102.5	
<b>HEAT OUTPUT:</b>	Watts	BTU/hr	
	1150	3921.5	

<b>POWER REQUIREMENTS:</b>		
(Domestic)		
Voltage	120V <sup>±10%</sup> -15%	
Hz	7-63	
Max Amp per Phase	2A	
Phase		
Startup Surge per Phase	17 A (typical) for .35 sec	
(Export)		
Voltage	100 ± 10%	220/240 <sup>±10%</sup> -15%
Hz	47-63	47-63
Max Amp per Phase	15A	8A
Phase	1	1
Startup Surge per Phase	14 A (typ) for .35 sec	34 A (typ) for .10 sec

<b>CORDSET</b>	Supply	Part No.	
	100V	109 - 719	
	120V	109 - 719	
	220/240	109 - 708	
<b>CABLES:</b>	Wall Conn	Cordset Conn	Cordset Connector (CPU)
Primary Power	Length		
Domestic	1.8M(6')	5-15R	5-15P CEE-22
Export	1.8M(6')	6-15R	6-15P CEE-22 (10 AMPS)

FOR PACKING PROCEDURE,  
SEE 010-000263

**Warning:** This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

J15-000840  
DRAWING 40-526 50856

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION

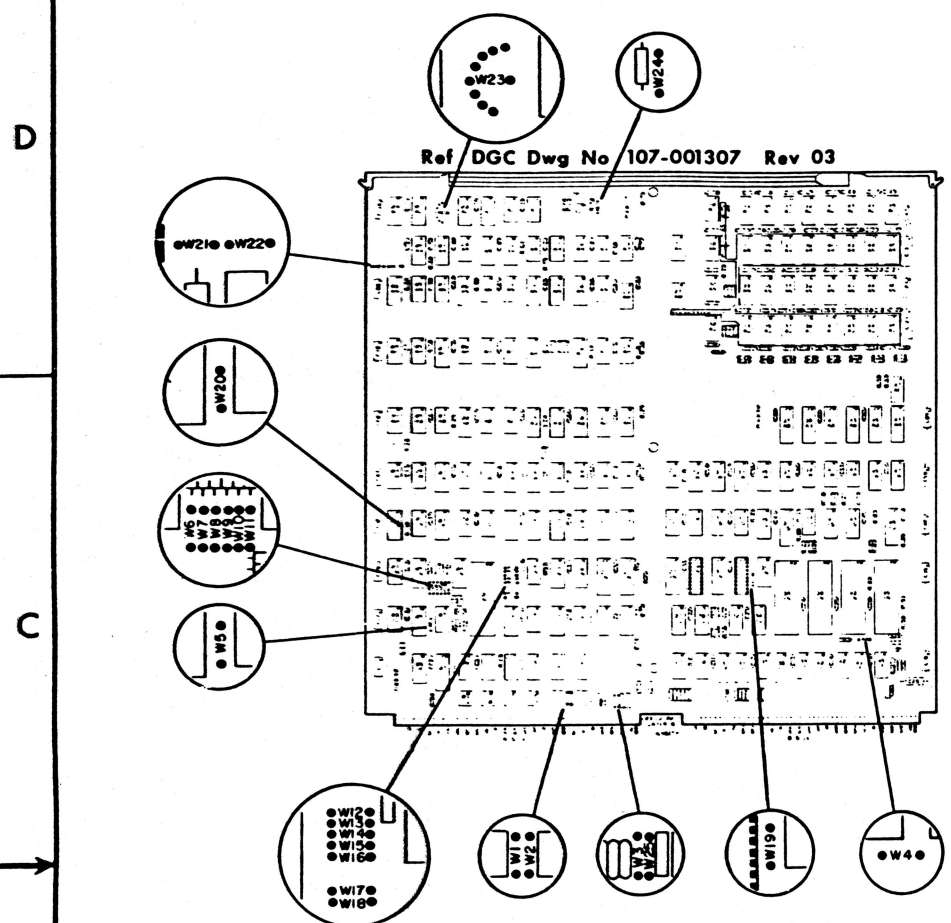
REV	ECO	APP	DATE
00			
P274			

DRAWN	1/2/80	APPROVED
CHECKED		
ENGINEER		
FIRST USED ON	085 020 19J	
CODE IDENT	34984	

TITLE  
**INSTALLATION DATA SHEET**  
NOVA 4 16-SLOT

<b>DATA GENERAL CORPORATION</b>			
WESTBORO, MASSACHUSETTS 01580			
SIZE	CODE	DRAWING NUMBER	REV
C	010	000359	00

# TAILORING CPU JUMPERING NOVA 4/C



Ref/DGC Dwg No 107-001307 Rev 03

DEVICE CODE JUMPERS FOR FRONT PANEL AUTOMATIC PROGRAM LOAD  
SELECT THE PROGRAM LOAD DEVICE CODE BY INSTALLING JUMPERS  
W11, W8, W6, W7, W9, W10, AS FOLLOWS:

JUMPER OUT = 1 JUMPER IN = 0

EXAMPLE JUMPERING FOR DEVICE CODE 27g:

W11	W8	W6	W7	W9	W10
IN	OUT	IN	OUT	OUT	OUT

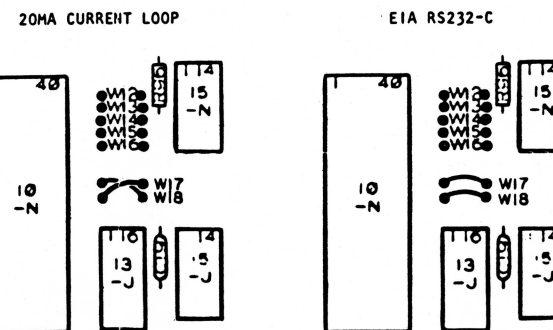
W4 IS NOT INSERTED IF THE PROGRAM LOAD DEVICE IS A HIGH SPEED DEVICE, OTHERWISE IT IS INSERTED.

TYPE OF TRANSMISSION JUMPERS

TYPE OF TRANSMISSION	JUMPERS INSERTED*
20MA CURRENT LOOP EIA RS232-C	W1, W3 W2

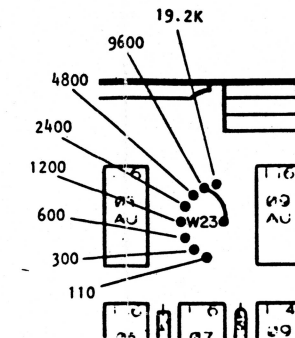
\* JUMPER 25 IS INSERTED IF THE SYSTEM TERMINAL IS A TELETYPE, OTHERWISE IT IS NOT INSERTED.

\* JUMPERS W17 AND W18 MUST ALSO BE INSERTED AS SHOWN BELOW.



JUMPERS W17 AND W18 MUST NOT TOUCH!

W23 IS INSERTED TO DETERMINE THE BAUD RATE AS SHOWN BELOW: (9600 SHOWN)



W22 IS NEVER INSERTED.

THE FOLLOWING JUMPERS ARE ALWAYS INSERTED:

- W5
- W19
- W20
- W21
- W24

STOP BIT JUMPERS

NUMBER OF STOP BITS	W15 JUMPER POSITION
1	IN
2	OUT

PARITY JUMPERS

TYPE OF PARITY	JUMPER POSITION	
	W12	W16
EVEN	OUT	IN
ODD	IN	IN
NONE	OUT	OUT

CHARACTER LENGTH JUMPERS

CHARACTER LENGTH	JUMPER POSITION	
	W13	W14
5 BITS	IN	IN
6 BITS	OUT	IN
7 BITS	IN	OUT
8 BITS	OUT	OUT

CPU/MEMORY LOADS

VOLTAGE	DESCRIPTION	CURRENT DRAW
+5V	SYSTEM WITHOUT BATTERY BACKUP	8.0A
+5V	SYSTEM WITH BATTERY BACKUP	7.5A
+5V MEM		0.5A
+12V MEM		0.7A
+15V		0.04A

013-000340  
BRUNING 45526 50656

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION

REV	ECO	APP	DATE	DRAWN	CHECKED	ENGINEER	APPROVED	FIRST USED ON	CODE IDENT
									34984

TITLE  
INSTALLATION DATA SHEET  
NOVA 4 16-SLOT

DATA GENERAL CORPORATION  
WESTBORO, MASSACHUSETTS 01580  
SIZE C CODE 010 DRAWING NUMBER 000359 REV 00

**TAILORING (CONT)**  
**CPU JUMPERING**  
**NOVA 4/S OR 4/X**

**BAUD RATE JUMPERS**

BAUD RATE	JUMPER POSITION				
	W17	W18	W19	W20	W27
50	IN	IN	OUT	IN	OUT
75	IN	IN	OUT	OUT	OUT
110	OUT	OUT	OUT	OUT	IN
134.5	IN	OUT	IN	IN	OUT
150	OUT	OUT	OUT	IN	OUT
200	IN	OUT	IN	OUT	OUT
300	OUT	OUT	IN	OUT	OUT
600	IN	OUT	OUT	IN	OUT
1200	OUT	IN	OUT	OUT	OUT
1600	OUT	IN	OUT	IN	OUT
2400	OUT	OUT	IN	IN	OUT
4800	OUT	IN	IN	OUT	OUT
9600	OUT	IN	IN	IN	OUT
19200	IN	IN	IN	OUT	OUT

**PARITY JUMPERS**

TYPE OF PARITY	JUMPER POSITION	
	W22	W21
EVEN	OUT	IN
ODD	IN	IN
NONE	OUT	OUT

**CHARACTER LENGTH JUMPERS**

CHARACTER LENGTH	JUMPER POSITION	
	W25	W24
5 BITS	IN	IN
6 BITS	OUT	IN
7 BITS	IN	OUT
8 BITS	OUT	OUT

**TYPE OF TRANSMISSION JUMPERS**

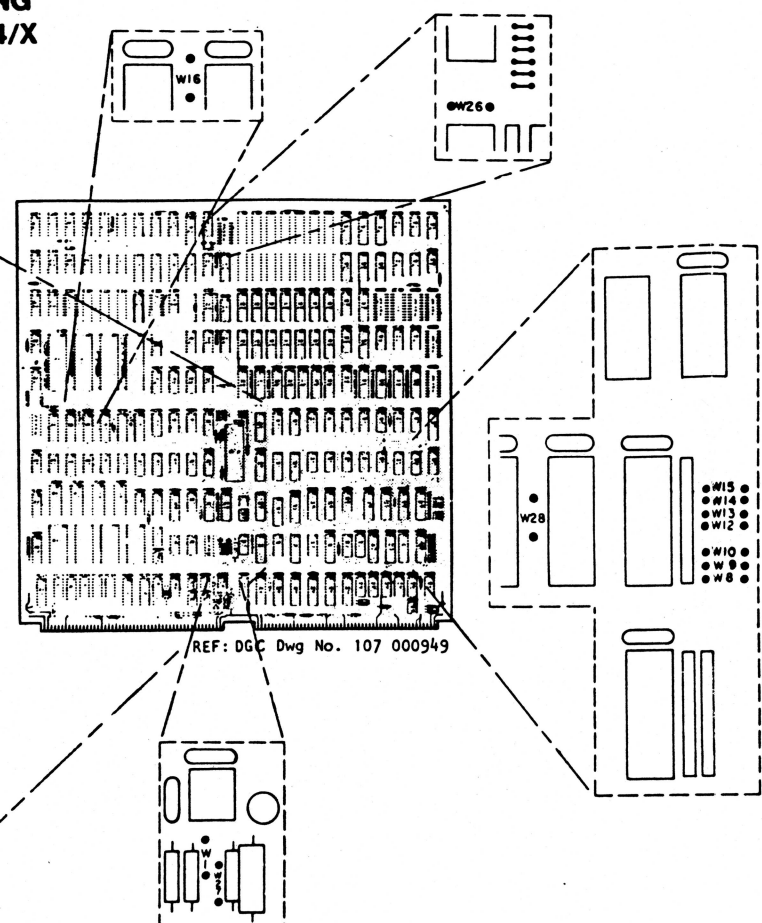
TYPE OF TRANSMISSION	JUMPERS INSERTED
20MA CURRENT LOOP	W4, W7, W2, W1
EIA RS232-C	W6, W3

**STOP BIT JUMPERS**

NUMBER OF STOP BITS	W23 JUMPER POSITION
1	IN
2	OUT

**REAL TIME CLOCK JUMPER**

	W29
RTC ENABLED	IN
RTC DISABLED	OUT



**DEVICE CODE JUMPERS FOR FRONT PANEL AUTOMATIC PROGRAM LOAD**

SELECT THE PROGRAM LOAD DEVICE CODE BY INSTALLING JUMPERS W13, W15, W14, W12, W10, W8 AS FOLLOWS:

JUMPER IN = 1      JUMPER OUT = 0

EXAMPLE JUMPERING FOR DEVICE CODE 27 :

W13	W15	W14	W12	W10	W8
OUT	IN	OUT	IN	IN	IN

W9 IS INSERTED IF THE PROGRAM LOAD DEVICE IS A HIGH SPEED DEVICE, OTHERWISE, IT IS REMOVED.

NOTE: JUMPERS W16 AND W26 ARE ALWAYS INSERTED. JUMPERS W5 AND W11 DO NOT EXIST.

+5V CURRENT DRAW = 13.5A

013-00840  
BRUNING 40-526 50856

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION

REV	ECO	APP	DATE	DRAWN	CHECKED	ENGINEER	APPROVED	FIRST USED ON	CODE IDENT
									34984

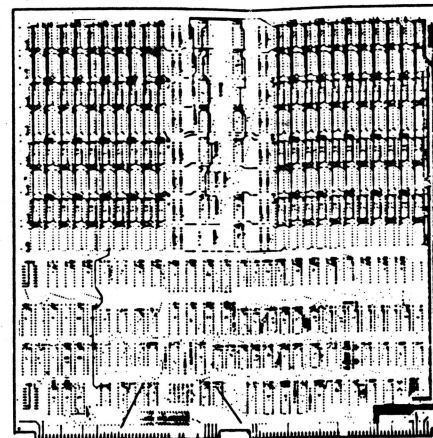
TITLE  
**INSTALLATION DATA SHEET**  
**NOVA 4 16-SLOT**

**DATA GENERAL CORPORATION**  
 WESTBORO, MASSACHUSETTS 01580

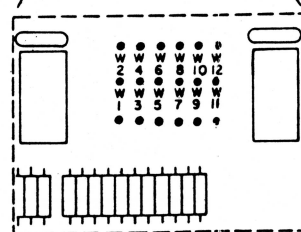
SIZE	CODE	DRAWING NUMBER	REV
C	010	000359	00

# TAILORING (CONT)

## MEMORY JUMPERING NOVA 4/S AND 4/X



REF: DGC Dwg No. 107 000813



NOVA 4/X MEMORY BOARD SELECT JUMPERS

ADDRESS RANGE	JUMPERS INSERTED*		
	BOARD SIZE		
	256KBYTES	128KBYTES	64KBYTES
0377777-	NONE	W8	W8 W10
0300000-			W8 W9
0277777-		W7	W7 W10
0200000-	W7 W9		
0177777-			W7 W9
0100000-	W7 W9		
0077777-			
0000000-			

\*NOTE: JUMPERS W1, W3, AND W5 ARE ALWAYS INSERTED.  
JUMPERS W2, W4, AND W6 ARE NEVER INSERTED.

NOVA 4/S MEMORY BOARD SELECT JUMPERS

ADDRESS RANGE	JUMPERS INSERTED*	
	BOARD SIZE	
	64 KBYTES	32KBYTES
0077777-	W7 W9	W7 W9 W12
0040000-		W7 W9 W11
0037777-		
0000000-		

\*NOTE: JUMPERS W1, W3, AND W5 ARE ALWAYS INSERTED;  
JUMPERS W2, W4, AND W6 ARE NEVER INSERTED.

SYSTEMS SHOULD BE CONFIGURED WITH THE LARGER BOARDS OCCUPYING THE LOWER MEMORY ADDRESS RANGES.

MEMORY LOADS

VOLTAGE	DESCRIPTION	CURRENT DRAW
+5V	SYSTEM WITH BATTERY BACKUP	4.4A
+5V	SYSTEM WITHOUT BATTERY BACKUP	5.6A
+5V MEM		1.2A
+12V MEM	FIRST BOARD IN HASSIS	2.3A
+12V MEM	EACH ADDITIONAL BOARD	0.3A

013-000840  
BRUNING 40-525 50855

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION

REV	ECO	APP	DATE	DRAWN	CHECKED	ENGINEER

APPROVED	FIRST USED ON	CODE IDENT
		34984

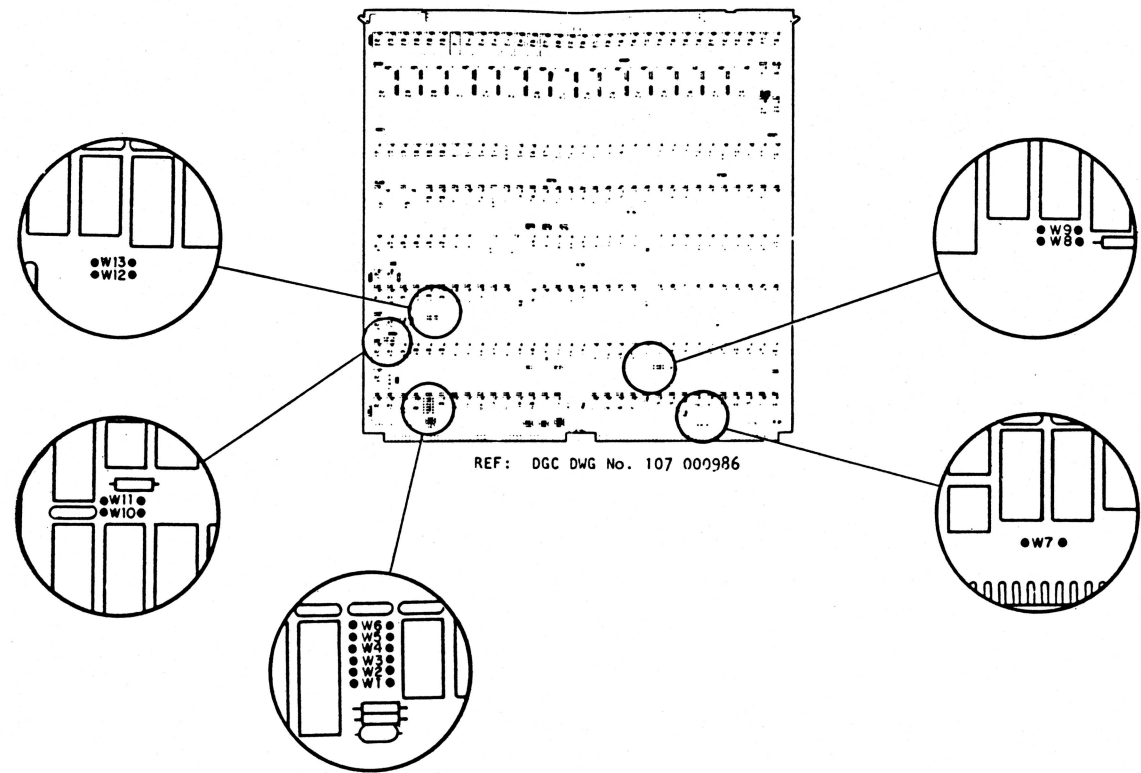
TITLE  
INSTALLATION DATA SHEET  
NOVA 4 16-SLOT

DATA GENERAL CORPORATION  
WESTBORO, MASSACHUSETTS 01580

SIZE	CODE	DRAWING NUMBER	REV
C	010	000359	00

## TAILORING (CONT)

### FLOATING POINT UNIT JUMPERING



REF: DGC DWG No. 107 000986

THE JUMPERS MUST BE POSITIONED ON THE FLOATING POINT UNIT PRINTED CIRCUIT BOARD AS INDICATED IN THE TABLE BELOW.

JUMPER	POSITION
W1	IN
W2	OUT
W3	OUT
W4	IN
W5	OUT
W6	IN
W7	IN
W8	OUT
W9	IN
W10	OUT
W11	IN
W12	OUT
W13	IN

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.

REV	ECO	APP	DATE																		

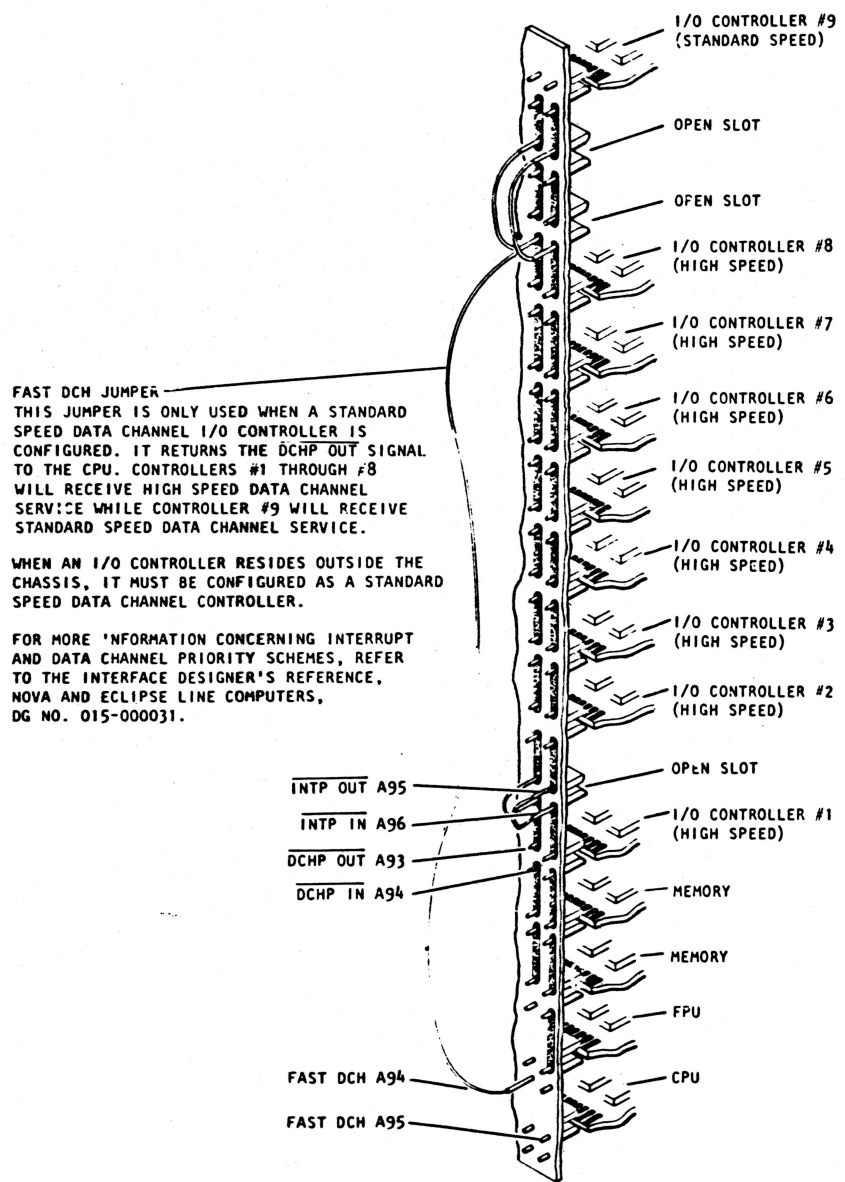
DRAWN	APPROVED
CHECKED	FIRST USED ON
ENGINEER	CODE IDENT 34984

TITLE  
**INSTALLATION DATA SHEET**  
NOVA 4 16-SLOT

<b>DATA GENERAL CORPORATION</b>			
WESTBORO, MASSACHUSETTS 01580			
SIZE	CODE	DRAWING NUMBER	REV.
C	010	000359	00

013 000840  
BRUNING 40-326 50856

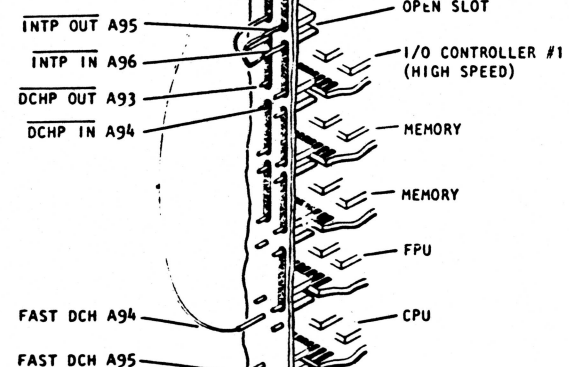
## TAILORING (CONT) BACKPANEL JUMPING



**FAST DCH JUMPER**  
THIS JUMPER IS ONLY USED WHEN A STANDARD SPEED DATA CHANNEL I/O CONTROLLER IS CONFIGURED. IT RETURNS THE DCHP OUT SIGNAL TO THE CPU. CONTROLLERS #1 THROUGH #8 WILL RECEIVE HIGH SPEED DATA CHANNEL SERVICE WHILE CONTROLLER #9 WILL RECEIVE STANDARD SPEED DATA CHANNEL SERVICE.

WHEN AN I/O CONTROLLER RESIDES OUTSIDE THE CHASSIS, IT MUST BE CONFIGURED AS A STANDARD SPEED DATA CHANNEL CONTROLLER.

FOR MORE INFORMATION CONCERNING INTERRUPT AND DATA CHANNEL PRIORITY SCHEMES, REFER TO THE INTERFACE DESIGNER'S REFERENCE, NOVA AND ECLIPSE LINE COMPUTERS, DG NO. 015-000031.

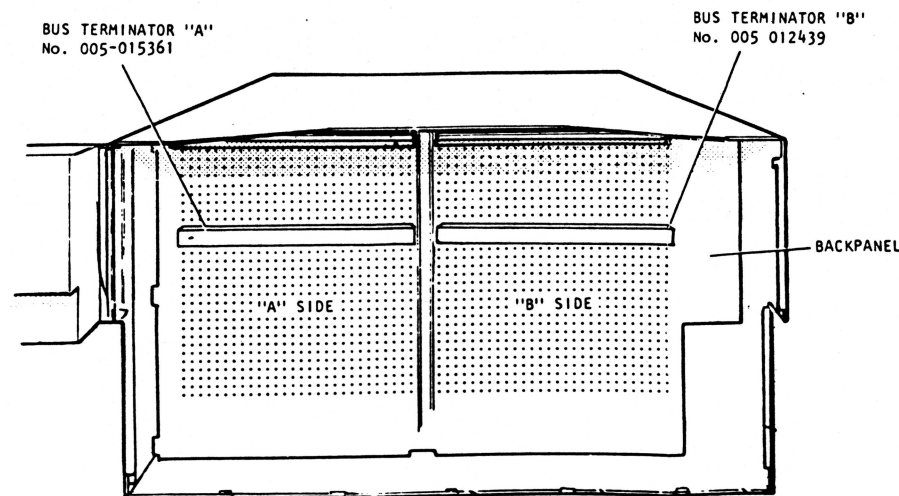
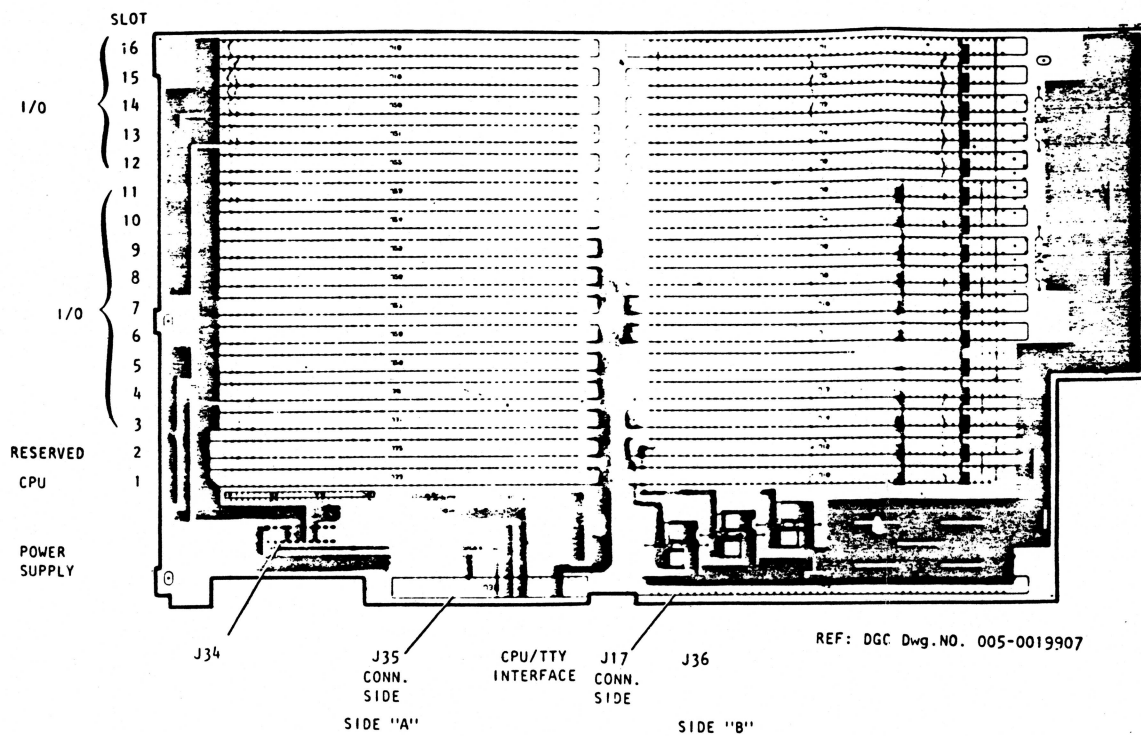


DC-05722

NO JUMPERS NEEDED EXCEPT FOR OPEN SLOTS AND STANDARD SPEED DATA CHANNEL I/O CONTROLLERS.

WHEN A 4C PROCESSOR IS USED IN THIS CHASSIS, THE END OF THE INTP PRIORITY NETWORK CLOSEST TO THE PROCESSOR (HIGHEST PRIORITY) MUST BE CONNECTED TO THE NEAREST GROUND (PIN A99 OR A100).

## INTERNAL CABLING BACKPANEL CONNECTORS



013-00840  
BRUNING 40-526 50856

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.

REV	DATE	APP	CHECKED	ENGINEER	DRAWN	APPROVED

DRAWN	APPROVED
CHECKED	FIRST USED ON
ENGINEER	CODE IDENT 34904

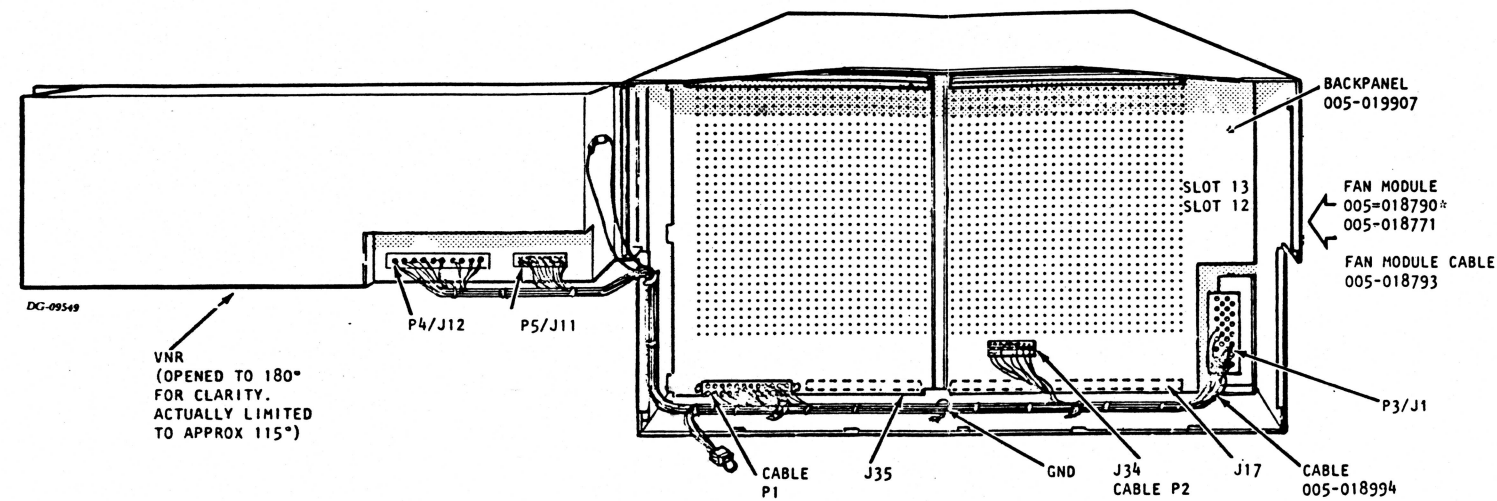
TITLE  
**INSTALLATION DATA SHEET**  
NOVA 4 16-SLOT

**DATA GENERAL CORPORATION**  
WESTBORO, MASSACHUSETTS 01580

SIZE	CODE	DRAWING NUMBER	REV
C	1010	000359	00

# INTERNAL CABLING

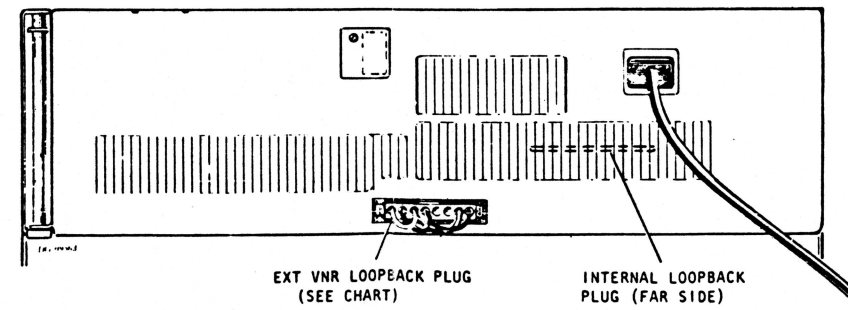
## BACKPANEL, EXPANSION CHASSIS



\*FAN MODULE 005-018790  
(INDICATES 100V MODULE  
(100V FAN 115-000287);  
FAN MODULE 005-018771  
INDICATES 120, 220/240V  
MODULE (120/240 FAN  
115-000163).

VNR  
(OPENED TO 180°  
FOR CLARITY.  
ACTUALLY LIMITED  
TO APPROX 115°)

## VNR CHASSIS



### WARNING:

THE POWER SUPPLY ASSEMBLIES IN THIS  
PRODUCT SHOULD BE SERVICED ONLY  
BY QUALIFIED PERSONNEL WITH PROPER  
EQUIPMENT.

LINE CORD  
109-000719 (100, 120V)  
109-000703 (220/240V)

AC VOLTS IN	EXTERNAL LOOPBACK PLUG	INTERNAL LOOPBACK PLUG	VNR ASSY. NO.
100 V	00F-018774	005-018772	005-019979
120 V	005-018774	005-018772	005-019978
220/240V	005-018986	005-018773	005-019990

NOTE: TO INSURE PROPER SYSTEM, VERIFY THAT INTERNAL AND  
EXTERNAL LOOPBACK PLUG VOLTAGE LABELS MATCH THE SYSTEM  
OPERATING VOLTAGE.

013-000840  
BRUNING 40-516 5-3856

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE  
PROPERTY OF DATA GENERAL CORPORATION AND SHALL  
NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR  
IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF  
ITEMS WITHOUT WRITTEN PERMISSION

REV																				
ECO																				
APP																				
DATE																				

DRAWN  
CHECKED  
ENGINEER

APPROVED  
FIRST USED ON  
CODE IDENT 34984

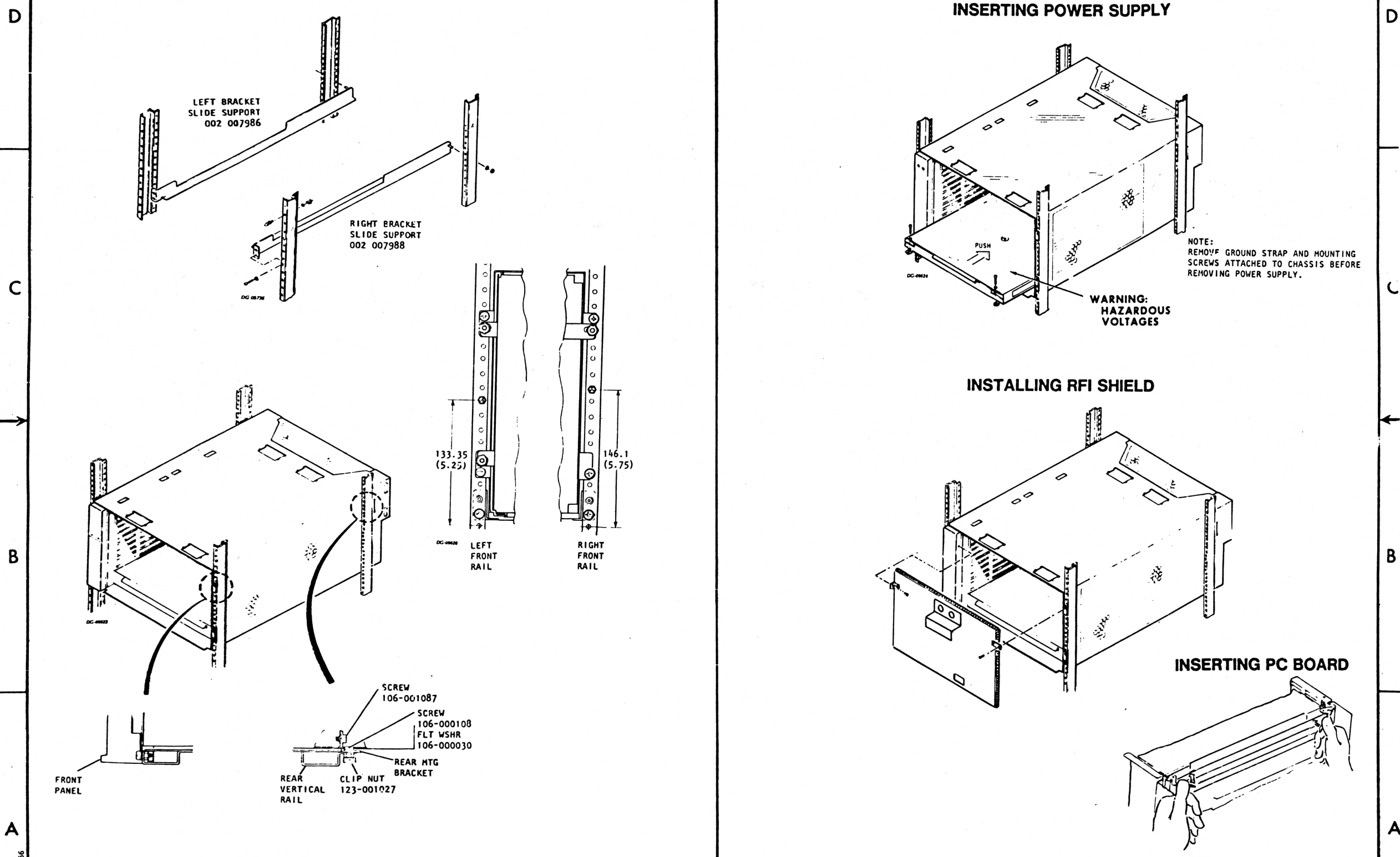
TITLE  
INSTALLATION DATA SHEET  
NOVA 4 16-SLOT

**DATA GENERAL CORPORATION**  
WESTBORO, MASSACHUSETTS 01580

SIZE C	CODE 010	DRAWING NUMBER 000359	REV. 00
-----------	-------------	--------------------------	------------

# CABINET MOUNTING

HARDWARE MOUNTING KIT 005-019199



013-000840  
BRUNING 40-526 50856

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.

REV	DATE	APP	CHECKED	ENGINEER
ECO				

DRAWN	APPROVED
CHECKED	FIRST USED ON
ENGINEER	CODE IDENT 34984

TITLE  
**INSTALLATION DATA SHEET**  
NOVA 4 16-SLOT

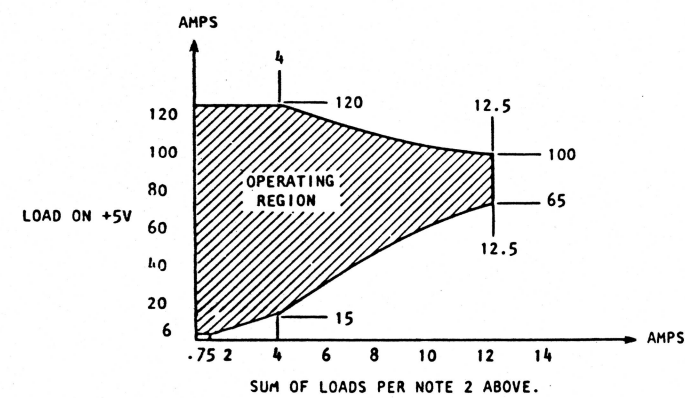
<b>DATA GENERAL CORPORATION</b>			
WESTBORO, MASSACHUSETTS 01580			
SIZE	CODE	DRAWING NUMBER	REV
C	010	000359	00



# 16-SLOT CHASSIS LOAD BALANCING RULES

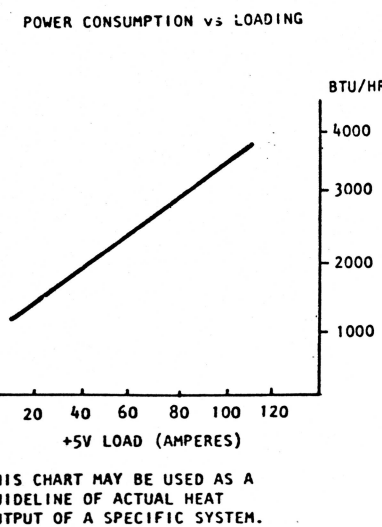
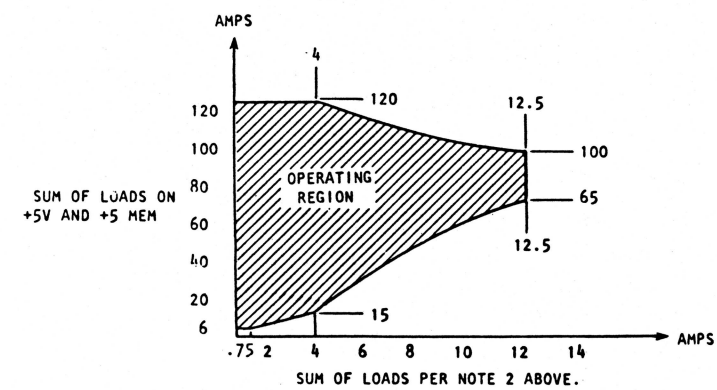
## WITH BATTERY BACKUP:

1. THE LOAD OF -5V MUST NOT EXCEED 3.0 AMPS.
2. THE SUM OF THE LOADS ON +12V, +12 MEM, +15V AND 0.55 (SUM OF CURRENT FROM +5 MEM AND -5 MEM) MUST NOT EXCEED 12.5 AMPS.
3. THE LOAD ON -5 MEM MUST NOT EXCEED 0.3 AM
4. THE LOAD ON +5 MEM MUST NOT EXCEED 4.5 AMPS AND MUST BE AT LEAST 0.25 AMPS
5. THE LOAD ON +5V MUST NOT EXCEED 120 AMPS AND MUST BE AT LEAST 6 AMPS.
6. THE LOADS MUST BE WITHIN THE OPERATING REGION SHOWN BELOW:
7. FOR JAPAN (-1) MODEL, TOTAL OUTPUT POWER NOT TO EXCEED 550 WATTS.

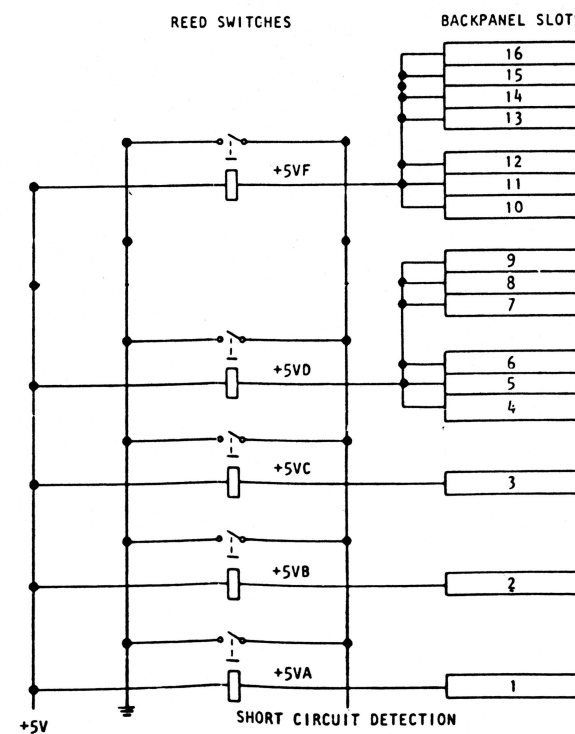


## WITHOUT BATTERY BACKUP:

1. THE SUM OF THE LOADS ON -5V AND -5 MEM MUST NOT EXCEED 3.0 AMPS.
2. THE SUM OF THE LOADS ON +12V, +12 MEM, AND +15V MUST NOT EXCEED 12.5 AMPS.
3. THE SUM OF THE LOADS ON +5V AND +5 MEM MUST NOT EXCEED 120 AMPS AND MUST BE AT LEAST 6 AMPS.
4. THE LOADS MUST BE WITHIN THE OPERATING REGION SHOWN BELOW:
5. FOR JAPAN (-1) MODEL, TOTAL OUTPUT POWER NOT TO EXCEED 550 WATTS.



## SLOT LOADING RESTRICTIONS



NOTE: REED SWITCH TRIPS AT 22 AMPS.  
REFER: CE DG 001-001563.

013-000840  
BRUNING 40-526 50856

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION

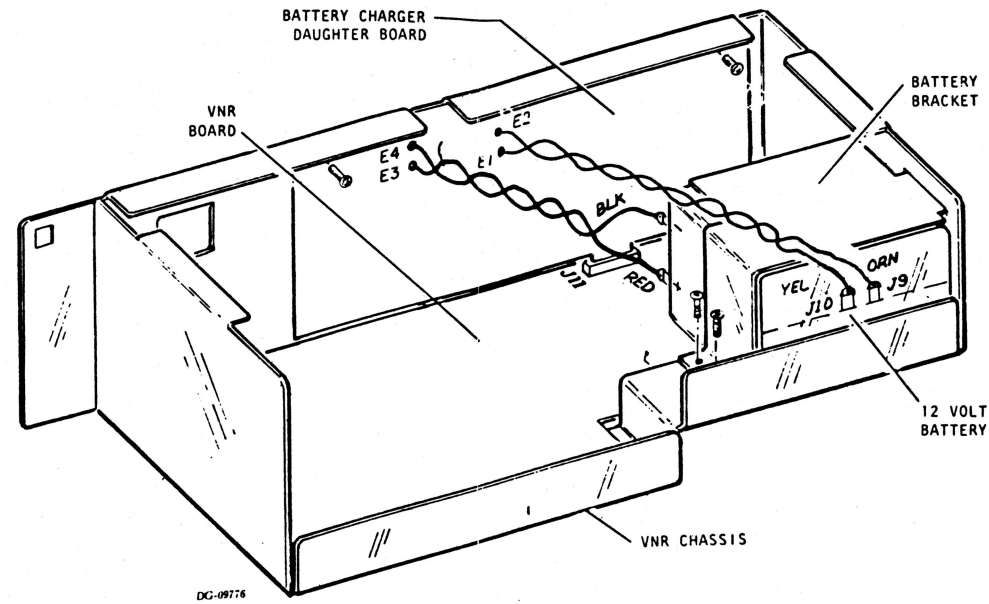
REV	DATE	APP	CHECKED	ENGINEER	DRAWN	APPROVED

DRAWN	APPROVED
CHECKED	FIRST USED ON
ENGINEER	CODE IDENT 34984

TITLE  
INSTALLATION DATA SHEET  
NOVA 4 16-SLOT

DATA GENERAL CORPORATION			
WESTBORO, MASSACHUSETTS 01580			
SIZE	CODE	DRAWING NUMBER	REV
C	010	000359	00

# BATTERY BACKUP



- ASSYS:
- 1) VNR                    005-019978  
                              005-019979  
                              005-019980
  - 2) BATTERY CHARGER PCB 005-021061  
    "                             KIT 005-020103
- STEPS:
- 1) INSTALL DAUGHTER BOARD IN J11 OR VNR BOARD
  - 2) INSTALL BATTERY AND BRACKET
  - 3) CONNECT 018-1605 WIRE JUMPER KIT AS SHOWN

013-000840  
BRUNING 40-526 50856

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DATA GENERAL CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION

REV	DRAWN
ECO	
APP	ENGINEER
DATE	

APPROVED
FIRST USED ON
CODE IDENT 34984

TITLE  
**INSTALLATION DATA SHEET**  
NOVA 4 16-SLOT

DATA GENERAL CORPORATION			
WESTBORO, MASSACHUSETTS 01580			
SIZE	CODE	DRAWING NUMBER	REV
C	010	000359	00