

DFTM.	CHKD.	SUPV.	APPD.	APPD.	APPD.	S.O. D.	1	2
							42449	

Westinghouse Electric Corporation

Industry Systems Division
Pittsburgh, Pa. U.S.A.

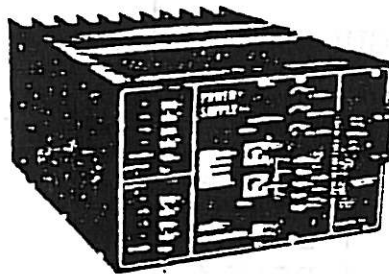
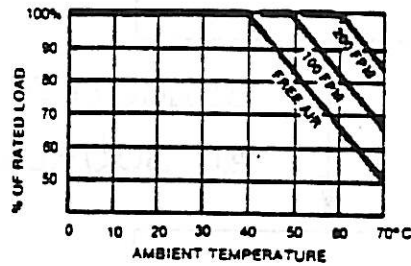


TITLE _____ EQUIPMENT PERFORMANCE SPECIFICATION _____

_____ MULTIBUS POWER SUPPLY MODULE _____

DWG. 9081A87 SUB. 1 FINISH CHART _____

DERATING CHART



TRIPLE OUTPUT
300 WATT

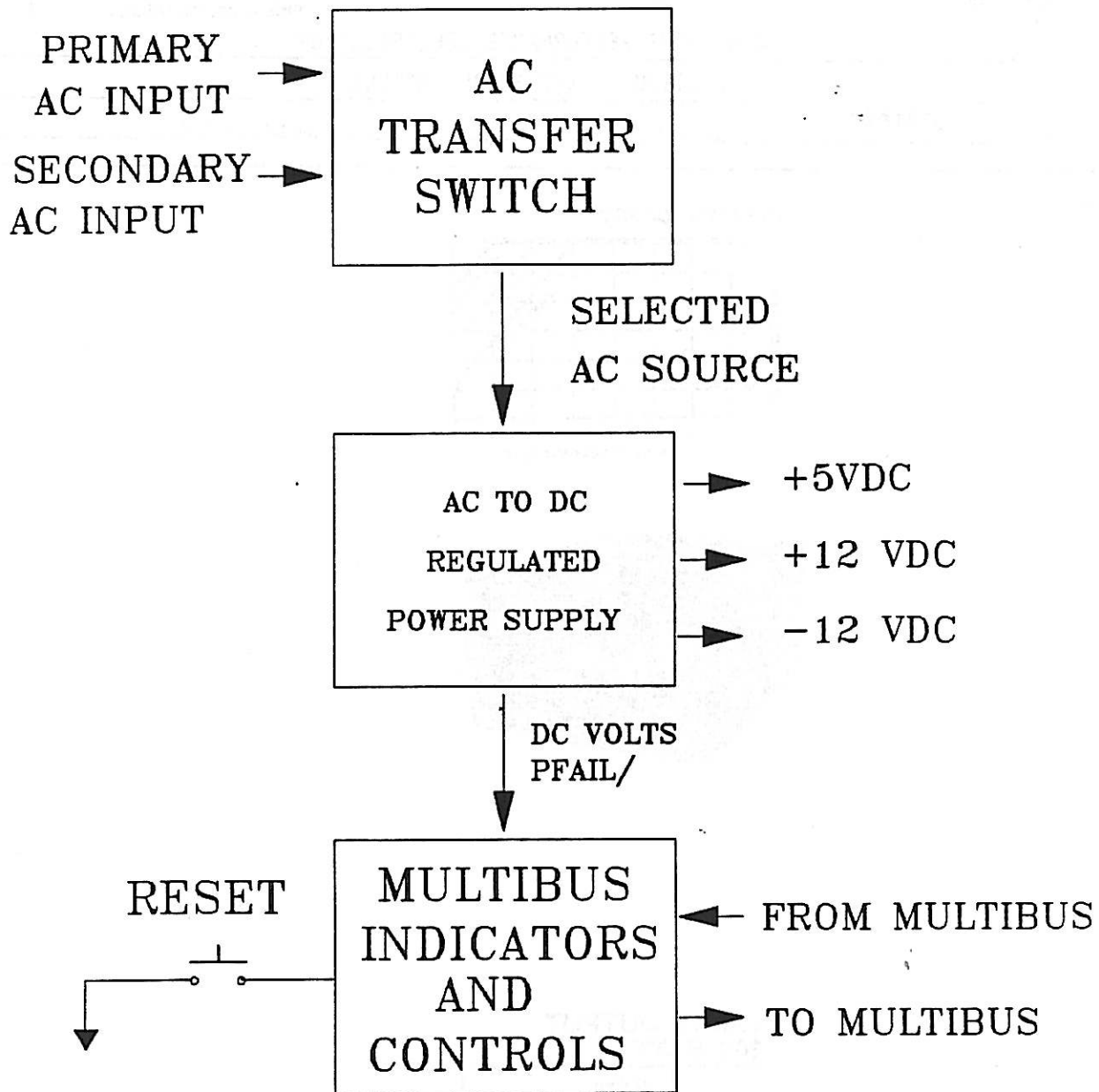
Model No.	Output Voltage ±5% Adjustable	Current Rating
RT 301	5V	60A
	12V	5A
	12V	5A
RT 302	5V	60A
	15V	4A
	15V	4A
RT 303	5V	60A
	12V	5A
	5V	5A
RT 304	5V	60A
	15V	4A
	5V	5A

Maximum power output
rating 300 watts

AC/DC-1

9081A87

BLOCK DIAGRAM - DSC - MSC CARDS



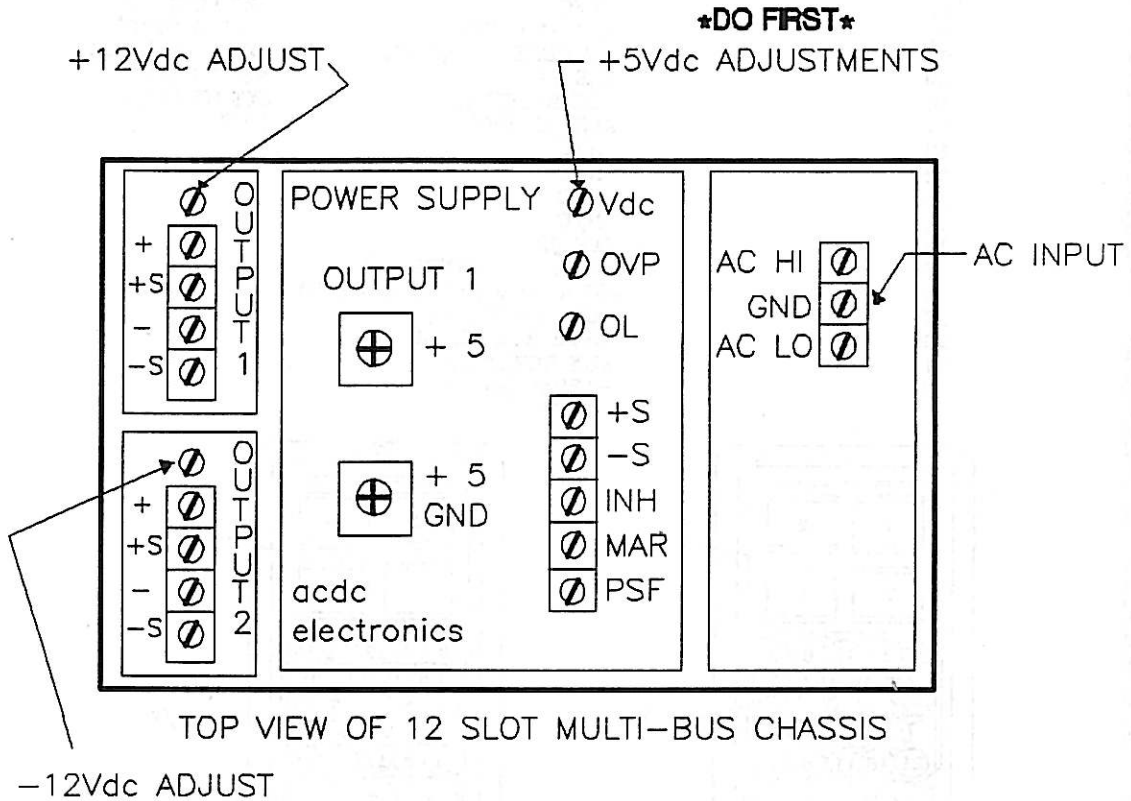
2775W.DRW

AC/DC-2

POWER SUPPLY ADJUSTMENT 12 SLOT CHASSIS

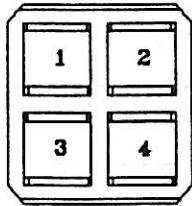
ADJUSTING THE MULTI-BUS POWER SUPPLY

1. MEASURE THE VOLTAGE TO BE ADJUSTED AT THE REAR OF THE CHASSIS.
2. REMOVE THE POWER SUPPLY ASSEMBLY FROM THE CHASSIS.
3. ADJUST THE VOLTAGE YOU MEASURED IN STEP 1.
4. RE-INSTALL POWER SUPPLY ASSEMBLY AND REPEAT 1 AND THEN 2, 3, AND 4 IF NECESSARY.

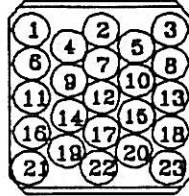


12 PW DRY

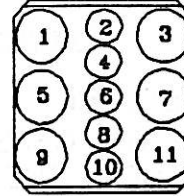
MMI 12 SLOT POWER CONNECTOR



P1/1



P1/2



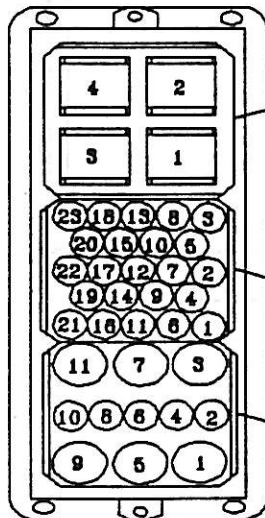
P1/3

PIN

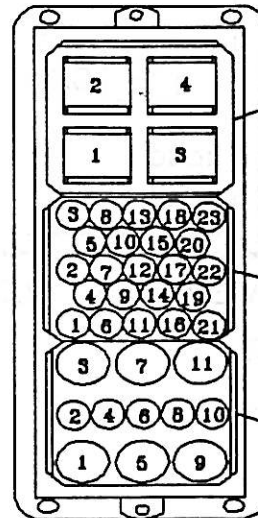
01 +5Vdc
 02 +5Vdc (GND)
 03 +5Vdc
 04 +5Vdc (GND)
 05
 06
 07
 08
 09
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23

+12Vdc
 +12Vdc (GND)
 N/C
 PWR FAIL
 PWR FAIL RTN
 N/C
 ALE #1 (GND)
 AUX RESET #1 (GND)
 ALE #1
 AUX RESET #1
 ALE #2 (GND)
 N/C
 N/C
 N/C
 N/C
 ALE #2
 +5Vdc REM SENSE (+)
 +5Vdc REM SENSE (SHIELD)
 AUX RESET #2 (GND)
 +5Vdc REM SENSE (-)
 AUX RESET #2
 -12Vdc (GND)
 -12Vdc

LINE 1
 EXT FAN (HI)
 NEUT 2
 EXT FAN (LO)
 SAFE 1 (GND)
 EXT LINE (HI)
 SAFE 2 (GND)
 EXT SAFE (GND)
 NEUT 1 (LO)
 EXT NEUT (LO)
 LINE 2



FEMALE - CHASSIS



MALE - PWR SUPPLY

1000000000

AC/DC-4

SPECIFICATIONS RBT61

AC Input voltage: 60 WATTS TRIPLE OUTPUT
90 to 132 VAC, or 180 to 264 VAC (Selectable by Jumper on PCB)

AC Input frequency: 50/60 Hz

AC Input current: 1.3A (rms) for 115 VAC
0.9A (rms) for 230 VAC

DC output: See output characteristics

Operating temperature: 0 to 50°C

Efficiency: 65% minimum at full load

Overvoltage protection: +5V output trip voltage:
5.6 to 6.8 VDC

Overcurrent protection: All outputs short circuit protected

Temperature coefficient: 0.04% per °C

Hold-up time: 20 msec at full load

Insulation resistance: 50M ohm minimum

Dielectric withstand voltage testing: Performed 100%

Mean-time-between failure: Greater than 50,000 hrs. at full load for 25°C ambient temperature

Storage temperature: -20 to +85°C

EMI: Meets conduction limits of:
(a) FCC 20780 Class "B"
* (b) VDE 0871 Class "B"

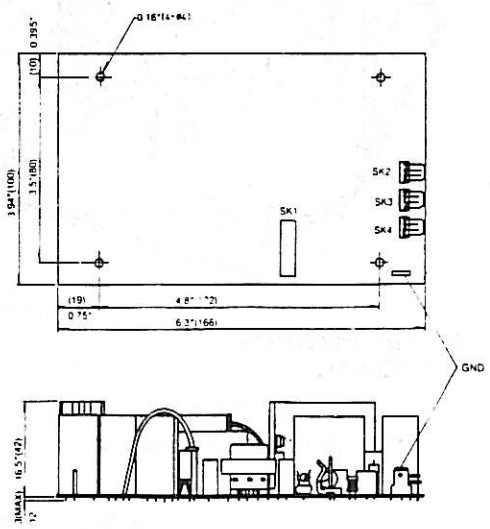
Safety: (a) UL 478 AND 1012
(b) CSA 22.2 NO. 143 AND NO. 154
(c) VDE 0806/IEC-380, IEC-950
30 Amps 115VAC, or
60 Amps 230VAC at 25°C ambient cold start
* Class "A" from 10KHz to 150KHz

Inrush current:

MODEL	RATING
RBT 61	+ 5VDC 5.0A + 12VDC 2.5A - 12VDC 0.5A

WARRANTY

When used within specified operating conditions, every catalog listed RB SERIES Power Supply is warranted to be free from defects in materials and workmanship for a period of 15 years. This warranty shall not apply to any product or parts which have been subjected to misuse, accident or abnormal conditions of operation. This warranty covers all parts of the module, including semiconductors and capacitors. All terms of this guarantee are fully transferable when the power supply is sold as original equipment. If at any time the power supply is in need of warranty service, the purchaser should promptly notify ACDC or its authorized representative describing the conditions. The method and place of warranty service will be specified by ACDC at its sole discretion. Authorized returns for warranty service should be forwarded to the specified service location freight prepaid, where, without charge the unit will be repaired. The sole obligation of ACDC and purchaser's exclusive remedy under this or any other warranty expressed or implied, is the repair or replacement of defective modules as provided above. ACDC shall not be responsible for incidental or consequential damage, whether or not foreseeable, caused by defects in the power supply. In warranty units requiring calibrating or mechanical damage repair will be charged.



Mechanical characteristics

Size (Overall): Length: 6.3 in (160 mm)
Width: 3.9 in (100 mm)
Height: 1.77 in (45 mm)

Weight: 0.99 pounds (0.45 kg)

Type of connector used

AC input: Molex: 5273-03A
DC output: Molex: 5046-04A x 3

OUTPUT CHARACTERISTICS

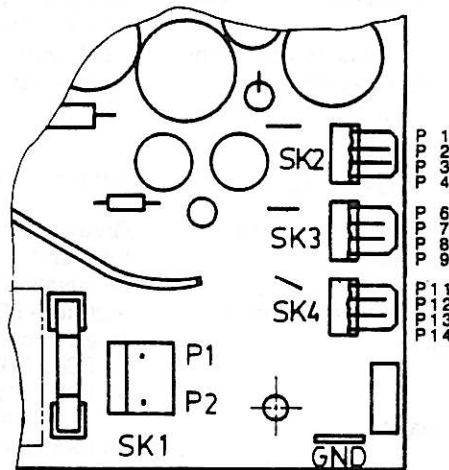
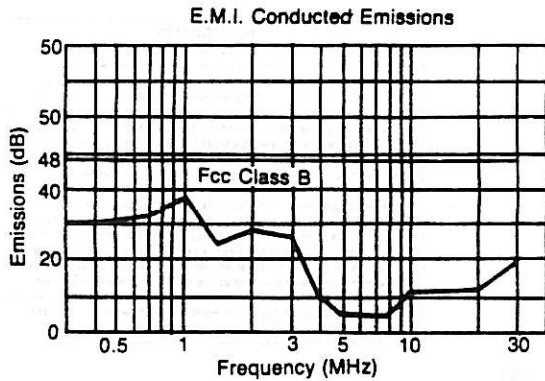
Output Voltage	Load		Regulation	Output 2 Ripple
	Min.	Max.		
+ 5VDC	1.0A	5.0A	4%	100mVp-p
+ 12VDC	0.5A	2.5A	4%	120mVp-p
- 12VDC	0.1A	0.5A	9%	120mVp-p

PIN ASSIGNMENT

SK1 P1 AC NEUTRAL
P2 AC LINE
SK2/3/4
P(1,6,11) - 12V
P(2,7,12) + 12V
P(3,8,13) COMMON
P(4,9,14) + 5V

NOTES:

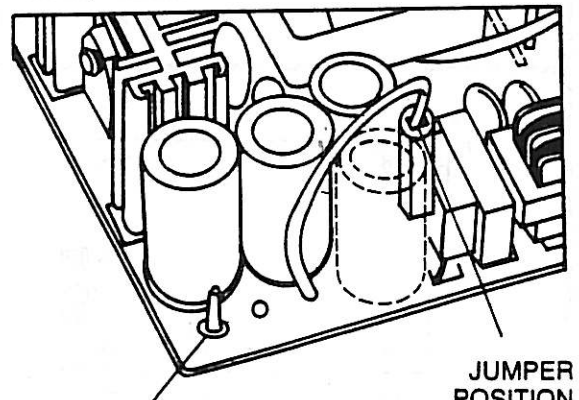
1. Combined line and load regulation.
2. The specified ripple is at the rated line voltage and load range.
3. The maximum continuous output power shall not exceed 60 Watts.



INPUT SELECTION AND FUSING

INPUT FUSE: INTERNAL 5mm x 20mm SLOW-BLOW TYPE, REPLACEABLE WITHOUT SOLDERING.

FUSE RATING: FOR 115/230VAC OPERATION
2A/250V



JUMPER POSITION FOR 230VAC

JUMPER POSITION FOR 115 VAC

DUAL AC INPUT VOLTAGES (JUMPER SELECTABLE)