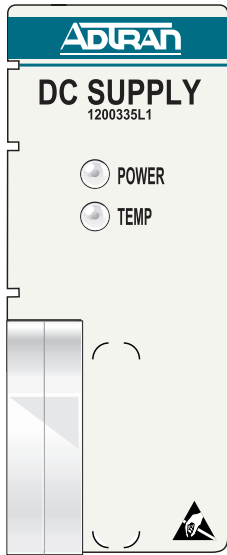


DC SUPPLY

CLEI: SLPOCD0C_



FRONT PANEL LEDs

- | | | |
|--------------|--|--|
| POWER | <input type="radio"/> Off | Both -48V fuses blown, power not supplied to the shelf, or incorrect polarity on the voltage supplied to the shelf |
| | <input checked="" type="radio"/> Green | Power supplied is the correct voltage and polarity; backplane and hot insertion voltages correct |
| | <input checked="" type="radio"/> Amber | -48 V input and hot insertion voltage present; no backplane voltage |
| | <input checked="" type="radio"/> Red | -48 V input present; no backplane voltage and no hot insertion voltage |
| TEMP | <input type="radio"/> Off | Normal |
| | <input checked="" type="radio"/> Red | Over-temperature condition |

FUNCTIONALITY

The Total Access 4303 DC Power Supply furnishes the voltages necessary for proper backplane operation. The DC Power Supply also provides the voltages that enable hot insertion of the option cards and SCUs. The DC Power Supply does not, however, provide the voltages necessary to power individual option cards or the SCUs as each card has its own DC-DC supply.

In addition, the DC Power Supply in slot **PS-A** provides alarm relay output functionality. If only one DC Power Supply is used, place the DC Power Supply in **PS-A** to provide alarm relay facilities. The DC Power Supply, as well as all Total Access 4303 option modules and SCUs, has protection against the wrong voltage polarity being applied to the shelf.

INSTALLATION

- Insert the module into either the slot labeled **PS-A** or **PS-B**.
- When power is supplied to the shelf, verify that the Power LED is green.
- If power is supplied to the shelf and the Power LED does not illuminate, remove power and verify polarity.
- To verify one or both -48V supply voltages, use the SCU terminal menus (see SCU Job Aid, 61200334L1-22) and navigate the following path:
System Status/System Alarms/-48V Bus

SPECIFICATIONS

Specifications	
Input Voltage	-42 to -54 DC
Operating temperature	0°C to 50°C
Storage temperature	-40°C to 70°C
Over-temperature Indication	90°C ± 10°C
-48V short circuit protection	Fused (1 amp)
Backplane voltage short circuit protection	Self-mending
Relative Humidity	To 95% noncondensing
Compliance	FCC Part 15, UL 60950, NEBS Level 3
Warranty	10 years

COMPLIANCE

The Total Access 4303 DC Power Supply is NRTL listed to the applicable UL standards. The Total Access DC Power Supply is to be installed in a restricted access location and in a Type "B" or "E" enclosure only.

Code	Input	Output
Power Code (PC)	F	C
Telecommunication Code (TC)	-	-
Installation Code (IC)	A	-

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by ADTRAN could void the user's authority to operate this equipment.

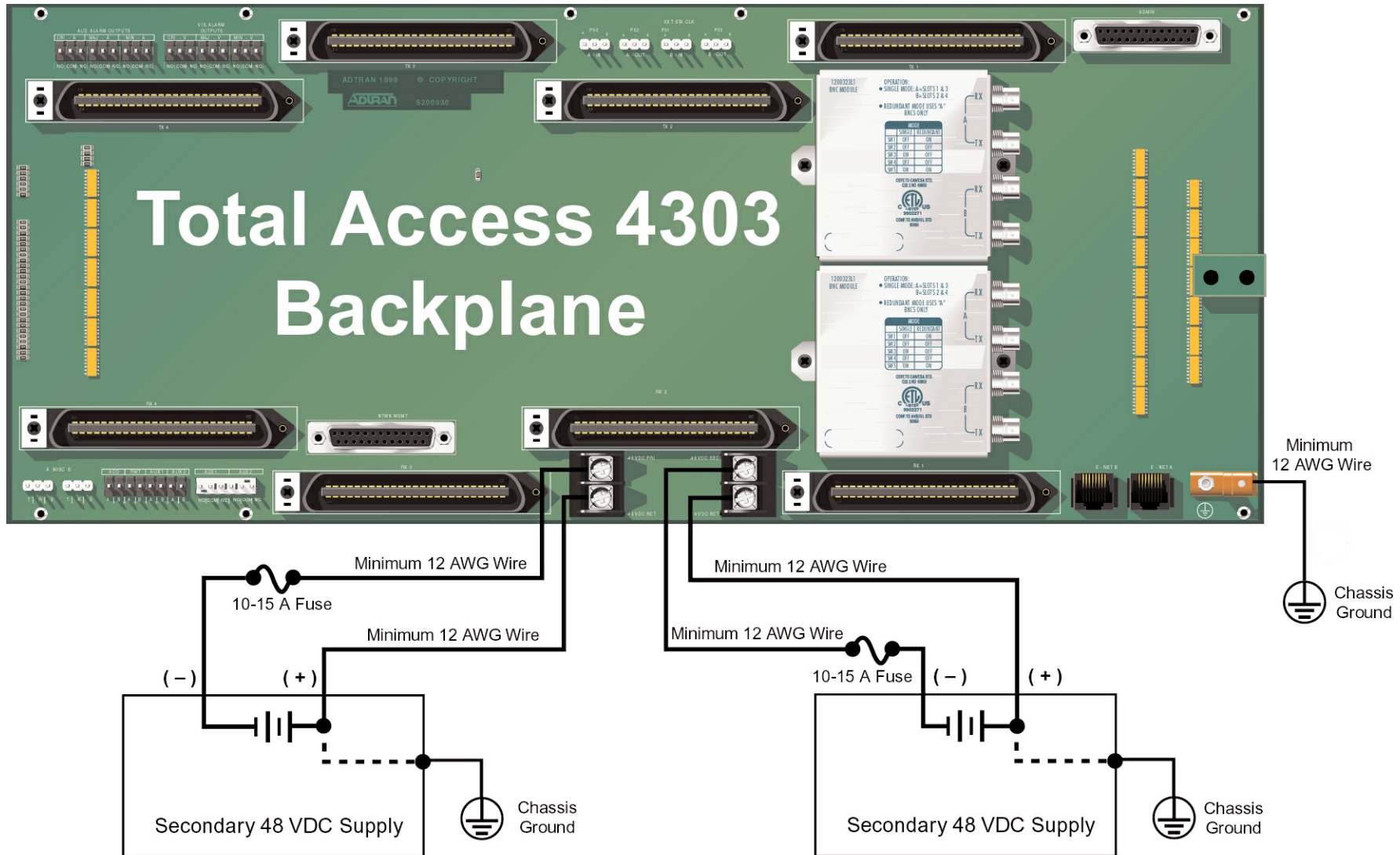
WARRANTY

Warranty for Carrier Networks products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is ten (10) years. For a complete copy of ADTRAN's *U.S. and Canada Carrier Networks Equipment Warranty* (P/N 60000087-10): (877) 457-5007, Faxback Document 414.



CAUTION!
SUBJECT TO ELECTROSTATIC DAMAGE
OR DECREASE IN RELIABILITY.
HANDLING PRECAUTIONS REQUIRED.

TOP LEVEL MENU INFORMATION



Note: Only one of the above supplies is necessary for proper Operation.