ADTRAN

TOTAL ACCESS® MX2800 POWER SUPPLY UNIT

JOBAID

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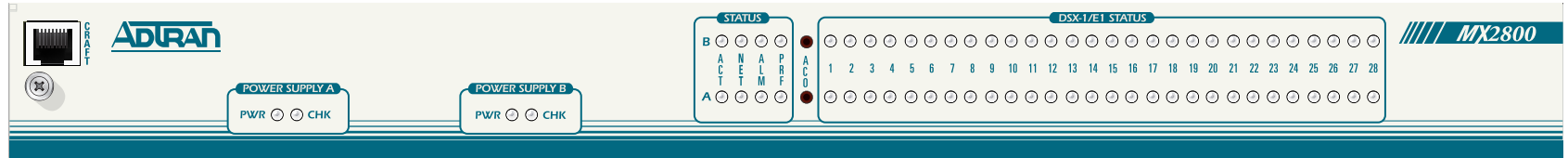RETURN FOR REPAIR 256.963.8722

61202289L2-22A 0112

PSU

CLEI: L1 M3PQ0A4B_ _
L2 M3PQ0A5B_ _

DESCRIPTION

The MX2800 Power Supply Unit (PSU) is a plug-in unit for the MX2800 chassis that provides the necessary voltages required to operate the MX2800 and accessories such as the fan faceplate. The DC version is P/N 1202289L2 and the AC version is P/N 1202289L1. With two cards installed, the MX2800 can recover from power supply unit or power source failure, depending on configuration. There are three possible configurations and modes of operation.

Non-Redundant Power Mode

This mode offers no backup protection, but only requires one source of power and one PSU.

Power Supply Recovery Mode

This mode offers backup protection in the event of power supply card failure. This configuration uses a primary and a backup PSU, but only utilizes one source of power. In this mode, the MX2800 can continue operation in the event of a power supply unit failure, without interrupting service.

Power Supply and Source Recovery Mode

This mode offers a backup system for both card and source failure. In this mode, two power supply units are installed and are connected to two individual power sources. This allows the MX2800 to handle any combination of power source or power supply failure. The MX2800 is able to internally re-route the power source if a power supply card and the opposite power source fail.

Features of this unit include:
- Receives unregulated power input
- Faceplate status LEDs
- Provision free plug-and-play
- Hot-swappable
- Meets the requirements for NEBS Level 3
- Accessory plug for fan faceplate

TURNUP STEPS

1 Unpack the MX2800 Power Supply Unit and inspect for damage. If damage is apparent, refer to your carrier or supplier for remedy.

Note: To prevent ESD events when handling this equipment, all personnel should utilize ESD shoes or wrist straps, or an ESD flooring must be present.

2 Remove faceplate and insert MX2800 PSU into one of the PSU slots. To insert, hold the unit by the front edge while supporting the sides. Align the card edges to the guide grooves in the designated PSU slot. Insert into chassis until the edge connector seats firmly into the backplane. Lock the unit in place by pushing in on the locking lever.

3 Verify that PWR (power) LED is active.

LED DESCRIPTIONS

The MX2800 PSU has LED status indicators. The LEDs provided are PWR (power) and CHK (check). The power LED is active when the unit is on and receiving full power. The check LED is active when the power supply is failing or is providing low power and needs to be checked.

COMPLIANCE CODES

This product is intended for installation in equipment providing a Type "B" or "E" enclosure, and in a restricted access location.

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 faxback copy of ADTRAN's *U.S. and Canada Carrier Networks Equipment Warranty*: (877) 457-5007, Document #414.