



Technical Support

TECHNICAL NOTE

Technical Note TN-837 T808/807 Power Supply DC Connector

11th February 2004

Applicability Applies to all systems using T808 and T807 Power supplies

1. Introduction

Fault There have been reports of the DC connector on the rear of the T808/807 Power Supplies burning up.

The problem has been traced to the screws securing the DC cable into the connector not being tightened properly to provide a good electrical connection for high current installations.

Over a period the wires tend to compress in the DC connector resulting in a poor electrical connection. Consequently when high current is drawn from the T808/807 Power Supply the connector heats up increasing the resistance causing more heat until the connector eventually burns up.

2. Remedy

When installing a system that uses a T808/807 Power Supply the screw terminal screws securing the DC cable to the T808/807 Power Supply **must** be re-tightened as part of the commissioning process.

The screw terminal screws must be tightened so that the wire does not move when pulled

After tightening the screws in the DC screw terminal pull on the cable to check the cable is secured tightly into the screw terminal.

