



REMOTE DEVICE
USER REFERENCE SHEET
FOR

REMOTE POWER SUPPLY
Part No. 05P00090-0272

For use with MicroTrac DSD Remote PCBs or Assemblies

INTRODUCTION

This assembly produces control level voltages for use by MicroTrac DSD remote devices. It meets UL and CSA standards.

A single power supply can support any of the following:

- 1) One Remote I/O [Input/Output] Controller LAN Node PCB (RIO) plus a combination of up to six Remote I/O PCBs.
- 2) One Remote Display Controller LAN Node PCB (RDC) plus up to three Remote Display Units (RDUs).
- 3) Up to 5 Remote Display Units (RDUs) which make up part of the possible total 31 that can be controlled by a single RDC.
- 4) One Remote Serial Communications Controller LAN Node PCB (RSC).

HARDWARE DESCRIPTION

CONFIGURATION

This power supply is of open printed wiring board (PWB) construction. It is designed to be mounted to a flat horizontal surface or a vertical panel, using mounting holes provided. It has two terminal boards, one for input power and one for output wiring.

POWER REQUIREMENTS

This power supply requires 1 \emptyset , 115-230 VAC, 47-63 Hz input power. Wire the input to TB2 on the power supply.

REMOTE DEVICE INTERCONNECT

Output from the power supply is available at terminals of TB1. Identify which voltages are required by the remote device(s) being powered, and wire accordingly.

If this power supply is being used to provide power to one or more RDUs (separate from the three that can receive power directly from an RDC), wire the following outputs to terminals on the first RDU:

<u>CONTROL</u> <u>VOLTAGE</u>	<u>RDU</u> <u>TERMINAL</u>
+5V	TB1(8)
DC COM	TB1(9)

Daisy chain from these terminals on the first RDU to the same terminals on the other RDUs in the group.