Operating and Installation Instructions

Switching Power Supply PS–150

DESCRIPTION

The PS-150 is a 120W switching power supply that powers Meridian Technologies SR-1200, SR-1500, SR-2000 and SR-2001 chassis. The unit is state of the art, highest wattage per square inch power supply. Unit is installed by sliding into the back side of the chassis.

SYSTEM COMPATIBILITY

The PS-150 features universal input voltage of 100-240VAC, 50/60 Hz (without switch) and is 80% efficient. Unit also may be offered as a pair to provide redundancy in the chassis.

INSTALLATION

 To install the PS-150 simply slide it into the power supply slot of the chassis.   The unit is held to the chassis extrusions by 2 captive screws (supplied).
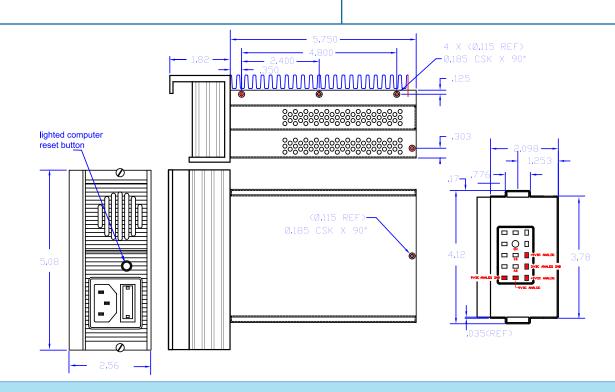
FEATURES

 PS-150 provides three output voltages as follows:

1. +9V to supply cards
2. -9V to supply cards
3. +5V to supply analog diagnostics of cards and Interface PCB

    The PS-150 provides a lighted computer reset button for reactivating the SR-2000 microprocessor system, should it lock up. When the reset light is on, it indicates that all outputs are functioning; when it is off, unit has one or more output voltages malfunctioning and the PS-150 must be shipped back for repair.

Power Input	Power Output
120-240VAC @ 2.0A (max.) 50/60 Hz	• +9 VDC @ 5.5A • -9 VDC @ 5.5A • +5 VDC @ 0.75A

lighted computer reset button