

SBP-C14PS1 CARD CAGE POWER SUPPLY

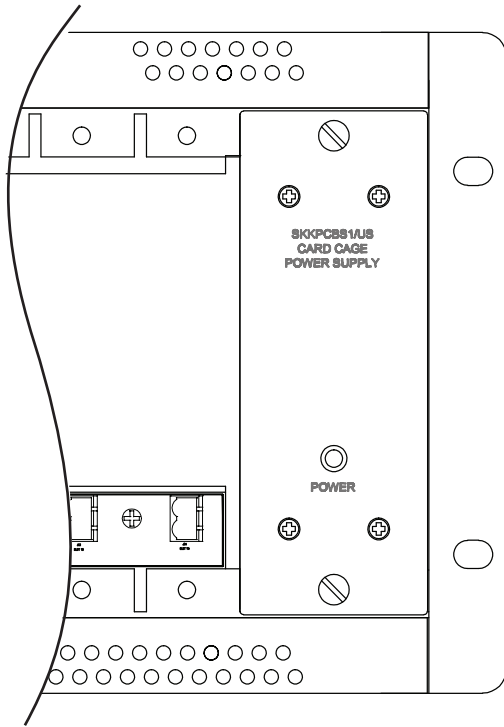
The SBP-C14PS1 integral 115/230 VAC power supply provides for the elimination of a single-point failure in the event of a major fault within any module located within the SBP-C14 chassis rack, through the use of automatic electronic current limiting within each rack-mountable module.

In the SBP-C14PS1 design only the faulty module shuts down, and the operation of the other modules within the rack continue unimpaired. This automatic current limiting feature is also self-resetting, should the fault or overload be of a temporary or intermittent condition.

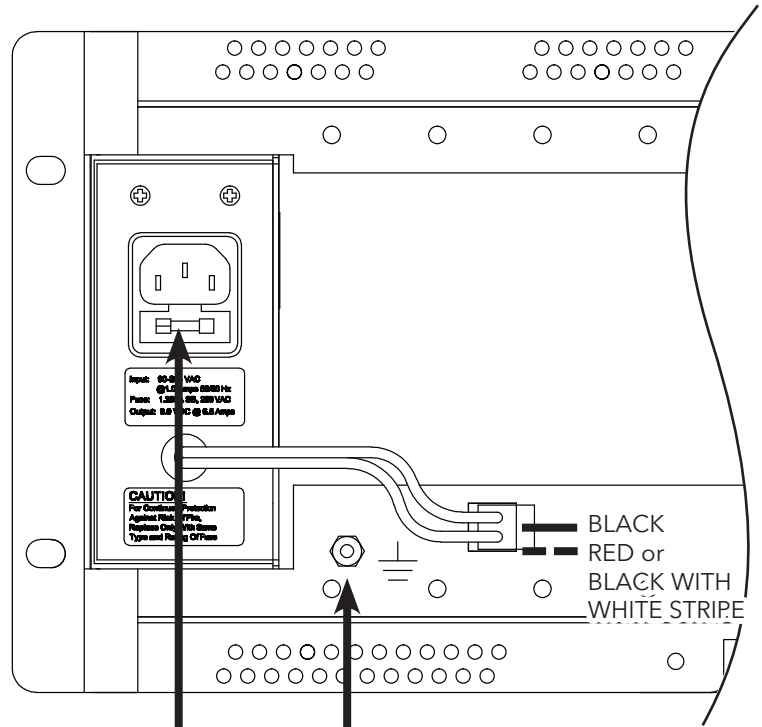
The SBP-C14PS1 is intended to be installed in the SBP-C14 Card Cage only. Any other applications are not supported. See **Page 4** for installation instructions.

FIGURE 1 - SBP-C14PS1 INTEGRAL POWER SUPPLY

FRONT PANEL (In SBP-C14 Card Cage)



REAR PANEL (In SBP-C14 Card Cage)



ELECTRICAL

Input Voltage: 90-264 VAC @ 70 W Maximum
 Output Voltage: 9 VDC +/- 5% @ 6.5 Amps @ 75°C

Detachable, IEC-connected AC Line Cord allows easy field replacement or exchange for various worldwide AC power plug configurations (use only manufacturer's supplied cord).

SPARE 1.25A 5x20MM SLOW BLOW FUSE
 Primary fuse holder is located behind spare.

CHASSIS GROUNDING STUD
 (6-32 Thread)

FIGURE 2 - LED INDICATORS

	POWER
RED	Unit powered up
OFF	Unit powered down

INSTALLATION CONSIDERATIONS

This power supply is supplied as a Rack module only. Units should be installed in dry locations protected from extremes of temperature and humidity.

SBP-C14 CARD CAGE RACKS

CAUTION: Before installing, be sure that the power supply is turned off and that the rack power supply is disconnected from any power source.

1. Make sure that the power supply is oriented right side up, and slide it into the card guides in the rack until the power supply's front panel sits flush against the front of the card cage.

CAUTION: Take care not to press on any of the LEDs.

2. Tighten the two thumb screws on the card until the front panel of the power supply is seated against the front of the rack.

3. Connect the wires to the Electrical Connector on the back of the SBP-C14 Card Cage. Connect supplied AC Line Cord to power connector in the rear of the power supply.

WARNING: Unit is to be installed only in the SBP-C14 Card Cage.

IMPORTANT SAFEGUARDS:

A) Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.

B) Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.