DC Power Supply

Preliminary Specifications

SBC

Thinking Ahead

Note – colour scheme different to as shown

Note shown in frame with Secondary Rear Assembly and without decal

Features

- -48V DC (-36Vdv to -75Vdc operational range)
- Input Fuse

Description

The DC power supply outputs +/-15Vdc @ 100VA to one power bus on the SBC 3RU high, 84HP wide and 220mm deep frame. The each power bus on the frame is selectively powered by the choice of rear assembly. If a primary power rear assembly is used, then the primary bus is powered, likewise for the secondary rear assembly. A frame is typically configured with a primary power supply rear assembly and optionally with a secondary power supply rear assembly. All power supplies are identical, therefore, any type of power supply can be used or swapped in service. The power rear assemblies are passive and screwed to the rear of the frame. The power supply modules can be AC or DC versions and hot swapped quickly from the front of the frame if necessary. Fuse replacement is simplified by the fuse holder being on the rear of the power supply module. It is recommended that a small cable loop is provided on the AC power cable or DC power cable, this allows the power supplies to be accessed quickly and easily via the front of the frame.

Specifications

Voltage	-48Vdc (-36Vdv to -75Vdc operational range)
Power	100VA
Fuse	2A anti-surge
Size	3RU high, 12HP wide and 220mm deep

Alarm & Control Interface

Power 1 LED indicates power from power supply
Power 2 LED indicates power from alternate power bus
Alarm relay contacts (N/O – open = normal operation)

Compatibility

Compatible with all SBC modules supporting digital video interfaces
Compatible with SBC 3RU, 84HP Eurocard frame
Compatibility with third party frames upon request.

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