

PSLA2502 Low Voltage Power Supply



DESIGN FEATURES

- 3 Phase Input
- Input-Output Isolation
- Short Circuit Protection
- Overvoltage/Undervoltage Protection
- EMI Compliance
- Remote Failure Indication

Electrical Specifications

Input Voltage 115 VAC, 400Hz, 3-Phase

Output Voltage and Current: *

- +5.15 VDC @ 6.5 A, nom., 9.0 A pk, 100 mVpp ripple
- +15D VDC @ 0.26 A, nom., 1.0 A pk, 200 mVpp ripple
- 15D VDC @ 0.26 A, nom., 1.0 A pk, 200 mVpp ripple
- +12A VDC @ 0.50 A, nom., 1.0 A pk, 200 mVpp ripple
- 12A VDC @ 0.50 A, nom., 1.0 A pk, 200 mVpp ripple

Protection

- Loss of Phase Indication
- Power On Reset Indication
- Power Good Indication
- Overvoltage / Undervoltage Protection
- Overcurrent Protection
- Optional Thermal Shutdown Protection

Mechanical Characteristics

Dimensions 9.125" x 6.35" x 1.1"
 Weight <2.8 lbs.
 Cooling Conduction

Environmental Specifications

Operating Temperature -40°C to +71°C
 Operating Altitude 50,000 ft.
 Random Vibration..... 15 g rms
 Shock..... 22 g
 Salt Fog..... Non-operating IAW MIL-E-5400
 Humidity to 100%