



ELECTRONICS

The 12V/24V Power Distribution Unit (PDU) efficiently distributes DC power to a wide array of low power devices. The PDU is powered from a single Mil-Std-1275 compliant 24Vdc source and provides power to six channels of 12 volt and 24 volt DC loads. The PDU provides 500 watts each of 12Vdc and 24Vdc power (12A maximum per output) with an efficiency of greater than 95%.

PRODUCT SPECIFICATION

POWER DISTRIBUTION UNIT - 12V/24V



GENERAL SPECIFICATIONS

Part Number:

0754A200

Electrical:

- Input: 24Vdc, 500W (20-32Vdc)
- Output: (6X) 12Vdc and 24Vdc
12A (max) per output
- Reverse Input protection
- Short Circuit Protection

Reliability:

- Mean Time Before Critical Failure (MTBCF) >14,000

Environmental:

- Corrosion Resistant as per MIL-STD-810F, Method 509.4
- Sand and Dust resistant as per MIL-STD-810F, Method 510.4
- Shock resistant as per MIL-STD-810F, Method 516.5, procedure IV
- Operational temperature range
-4°F to 131°F (-20°C to 55°C)

Mechanical:

- Dimensions: 11.5" x 2.0" x 5.75"
- Weight: <5 pounds
- Enclosure: Aluminum
Conformal Coated CCA