

# Sentry 48DCWB-04-2X100-DONB

## Key Features

- > **Input Power Feeds:** Two (2)  
100-Amp support dual-power supply routers & networking gear
- > **Outlets Circuits:** Four (4)  
individually fused outlets circuits, up to 70-Amp
- > **SSHv2:** Secure Shell for secure remote terminal
- > **SSLv3:** Secure Sockets Layer-enabled HTTPS server.
- > **Active Directory w/LDAPv3:**  
User authentication with LDAPv3 & LDAPS
- > **Remote Power Management:**  
Combine intelligent power distribution and remote power control into a single 2U 19" rack mount enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTp, Syslog, LDAP, LDAPS, TACACS and RS-232 access
- > **RS-232:** Local or remote configuration & control
- > **Add an Expansion Module:**  
Connect the Switch Expansion CDU (48DCXB) to a Master unit (48DCWB) for power monitoring of separate power circuits from a single IP address.
- > **Environmental Sensors:**  
Supports (2) external Temperature & Humidity probes

## Intelligent -48 VDC Power Distribution, Remote Management, Power & Environmental Monitoring



### 48DCWB-04-2X100-DONB

The Sentry 48DCWB-04-2X100-DONB Intelligent PDU and Remote Power Manager minimizes the impact of locked-up routers, servers and other network devices on business-critical networks. CLECs, ILECs, ISPs and enterprises use the Sentry 48DCWB-04-2X100-DONB to manage equipment in remote sites, co-location facilities and network operation centers. Sentry 48DCWB-04-2X100-DONB eliminates the need to dispatch a field service technician for manual intervention when devices lock-up. Using a Sentry 48DCWB-04-2X100-DONB, the network operations center can quickly restart locked-up remote network servers to ensure that the network is fully operational around the clock.

### Sentry 48 VDC provides immediate operational cost savings, including:

- > Reduced field service visits
- > Improved problem/solution response time
- > Improved network availability
- > Improved facility security

### Eliminate the Need for a Separate Power Distribution Panel

The Sentry 48DCWB is an intelligent unit that combines the functions of a power distribution panel and remote power management unit into a 2U 19" rack-mounted enclosure.

Each power output terminal connection is rated to switch 70-Amps and is protected by interchangeable TPC fuses allowing for the current rating to be adjusted onsite.

### Measurement Features

Use either RS-232 or TCP/IP to monitor the status of key Measurement Values, SNMP or email alerts as well as Syslog to receive an alarm when a measurement value is out of a predefined threshold:

- > **Input Feed/Outlet "On Sense"** - Verifies power at each power input/outlet connection
- > **Load Sense** - Provides an accurate, real time measurement of the current draw, in amps, for each power outlet
- > **Environmental Sensors** - Supports two external probes to measure the temperature and humidity in an equipment cabinet to identify hot spots and humidity

## Model Number and Technical Specifications

### Model #

- 48DCWB-04-2X100-DONB (Master)
- 48DCXB-04-2X100-DONB (Expansion)

### Power Input

- > Qty (2) 100A power input terminal blocks (+/- & G), -48 VDC

### Power Output

- > Quantity (4) 70-Amp (maximum) output circuits, each individually protected by a separate TPC fuse (sold separately)
- > Available TPC fuses: 25, 30, 40, 50, 60, 75-amp

### Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > TACACS+
- > RS-232 (Serial)

### Dimensions

- > 2U, 89 x 432 x 442 mm  
[3.50 x 17.0 x 17.4 in.]

### Warranty

- > 2 years

### Agency Approvals

- NEBS Level 3
- GR-1089-Core
  - > Sections 1-4,7,9, and 10
- GR-63-Core
  - > Section 4
- ESTI
  - > 300 019-2-1
  - > 300 019-2-2
  - > 300 019-2-3

### Safety

- > US & Canada (cTUVus Mark) to UL 60950-1:2nd Ed. and CAN/CSA 22.2 No. 60950-1-03
- > European Union (TUVGS Mark) to EN 60950-1:2001
- > FCC Class A, Part 15
- > EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A
- > CE Mark

### Accessories

- > Optional Temperature & Humidity Probe
  - EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)
- > Environmental Monitor
  - EMCU-1-1B allows up to (2) temperature & humidity probes, (1) water sensor, (4) dry contact closures, (1) analog-to-digital contact sensor. Includes (1) temperature/humidity probe with unit.

### Expansion Module

#### Model Number

- > 48DCXB-04-2X100-DONB



## Server Technology

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