

# Sentry 48DCWB-10-2X300-E0

## Key Features

- > **Input Power Feeds:** Two (2) 300-Amp support dual-power supply routers & networking gear
- > **Outlets Circuits:** Ten (10) outlets with individual circuit protection, up to 125 amps (Fuses or Breakers sold separately)
- > **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 3U 19" rack mount enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNMP, 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-10-2X300-E0

The Sentry 48DCWB-10-2X300-E0 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-10-2X300-E0 to manage equipment in remote sites, co-location facilities and network operation centers. Sentry 48DCWB-10-2X300-E0 eliminates the need to dispatch a field service technician for manual intervention when devices lock-up. Using a Sentry 48DCWB-10-2X300-E0, 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-10-2X300-E0 is an intelligent unit that combines the functions of a power distribution panel and remote power management unit into a 3U 19" rack-mounted enclosure.

Each power output terminal connection is rated to switch 125-Amps and is protected by customer selectable fuses or breakers 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-10-2X300-E0 (Master)  
48DCXB-10-2X300-E0 (Expansion)

### Circuit Protection Part #s \*

CB-0005-100G (100A Bullet Style Circuit Breaker)  
FUSE-TPC-100 (100A Fuse)  
FUSE-TPC-125 (125A Fuse)

KIT-0063 (Breaker Mounting Kit)

KIT-0064 (Fuse Mounting Kit)

\*Each PDU requires either ten fuses or ten breakers for proper circuit protection. One mounting kit per PDU is also required for proper installation of the circuit protection device.

### Power Input

> Qty (2) 300A power input terminal blocks (+/- & G), -48VDC

### Power Output

> Quantity (10) 125-Amp (maximum) output circuits, each individually protected by a separate Circuit Protection Device (Fuse or Breaker depending on preference)

### Dimensions

> 3U, 133 x 432 x 508 mm  
[5.25 x 17.0 x 20.0 in.]

### Communications and Security

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

### Agency Approvals

> US & Canada (cTUVus mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03  
> European Union (TUVGS mark) to EN 60950-1:2001  
> FCC Class A, Part 15  
> CE  
> EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

### Warranty

> 2 years

### 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.



Rear view with Master network card installed. Open slots allow for either breaker or fuse circuit protection (specified separately).



## Server Technology

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