

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)
- 48DCXB-10-2X300-E0NB (Master)
- 48DCXB-10-2X300-E0NB (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
- > TLSv1
- > SNMPv2 and SNMPv3
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > TACACS+
- > RS-232 (Serial)
- > IPv4/IPv6

Agency Approvals

- > US & Canada (cTUVus mark) to UL 60950-1:2007 and CAN/CSA 22.2 No. 60950-1-07
- > European Union (TUVGS mark) to EN 60950-1:2006 + A11
- > FCC Class A, Part 15
- > CE Mark

Units Ending in "NB"

- > NEBS Level 3
- > GR-1089-Core: Sections 1-4, 7, 9, and 10
- > GR-63-Core: Sections 4.1, 4.2, 4.3, 4.4, 4.5, and 4.7
- > ESTI: 300 019-2-1, -2, and -3
- > ESTI: EN 300 132-2 V2.2.2: 2007-10

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).



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