Sentry Smart CDU

Key Features

> **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on each power circuit. On-site verification of the input current with the LED digital display. Remote verification via web browser or serial screen.

> **High Power Distribution:** 208V, three-phase power options; 20 or 30-Amp power input feed options.

> **High Density:** Dual input feed; 48 outlets per enclosure

> **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNTP, Syslog, RADIUS, LDAP, LDAPS, TACACS and RS-232 access

> **Environmental Monitoring:** Each Smart CDU supports two external temperature & humidity probes and reports conditions thru the Web interface

> **SNMP Traps:** Provide automated alerts for power and environmental conditions

CS-48VDD/VDY

High-Density Power Distribution

The Smart Cabinet Distribution Units (CDU) provide reliable power distribution combined with local and remote power monitoring and environmental monitoring via IP. Use the network interface to view power, temperature and humidity levels via Web browser, or receive SNMP–based alarms when conditions exceed defined thresholds.

Additional Benefits:

Branch Circuit Protection

The Sentry CDU Family meets the UL 60950-1 requirement for branch circuit protection.

Attention! The Sentry CDU products meet the above criteria by providing overcurrent protection with UL-listed Bussman SC fuses for each branch circuit.

Input Current Monitoring

The CDU's exclusive True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital displays on the CDU enclosure report the input current of each phase or branch circuit.

Temperature and Humidity

The Smart CDU supports two external probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alert notifications when conditions exceed defined thresholds.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CS-48VDD-L1520	3-Phase Delta, 208V 50/60Hz	20A	NEMA L15-20P Cordset	(48) IEC 60320/C13	63.7"x3.50"x2.25" (1617x89x57mm)
CS-48VDD-L1530	3-Phase Delta, 208V 50/60Hz	30A	NEMA L15-30P Cordset	(48) IEC 60320/C13	63.7"x3.50"x2.25" (1617x89x57mm)
CS-48VDY-L2120	3-Phase Wye, 208V 50/60Hz	20A	NEMA L21-20P Cordset	(48) IEC 60320/C13	63.7"x3.50"x2.25" (1617x89x57mm)
CS-48VDY-L2130	3-Phase Wye, 208V 50/60Hz	30A	NEMA L21-30P Cordset	(48) IEC 60320/C13	63.7"x3.50"x2.25" (1617x89x57mm)

Additional Features and Specifications

Agency Approvals
> US & Canada (cTUVs 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

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

Branch Circuit Protection
> Compliant to UL 60950-1

Accessories
> Optional Temperature & Humidity Probe
   - EMTH-1-1 Temperature & Humidity Probe, 10 ft (3m)

> SPM (Sentry Power Manager) Appliance:
- Monitor and Manage multiple Sentry CDU's
- Monitor and Manage all alarm conditions
- Reporting and Trending
- Group or Cluster outlets for reboot and power information

> Environmental Monitor
    - EMCU-1-1B allows up to (2) additional temperature & humidity probes, (1) water sensor, (4) dry contact closures, (1) analog-to-digital contact sensor. Includes (1) temperature/humidity probe with unit.

1U SPM Appliance

Server Technology