Sentry Smart CDU

Key Features

> **High Density:** Single-power input feed; 36 outlets per enclosure (24 x C13 & 12 x C19 outlets)

> **High Power Distribution:** 208 Three phase power with a 50 or 60-Amp power input feed.

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

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

> **Alerts:** Provide automated SNMP-based alarms or email alerts for power and environmental conditions

> **Environmental Monitoring:** Each Smart CDU supports two external temperature & humidity probes and reports conditions through the user interface without the need for additional IP addresses

CS-36VD/Y Mixed Outlets

The CS-36VD/Y Smart Cabinet Distribution Unit (CDU) provides reliable power distribution for high density applications such as blade server clusters that require 3-Phase, 50-Amp or 60-Amp power. The Smart CDU provides reliabled 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 and email alerts when conditions exceed defined thresholds.

It utilizes new Digital True RMS current monitoring with the highest accuracy and resolution available in the market today.
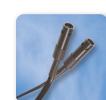
Additional Benefits:

Branch Circuit Protection
The Sentry CDU Family meets the UL 60950-1 requirement for branch circuit protection.
- UL 489 rated circuit breakers

Branch Current Monitoring
Exclusive Digital 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 branch circuit (a total of 6 LED current monitors) for load balancing

Temperature and Humidity
The Smart CDU supports two external 10' (3m) probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alerts or email notifications when conditions exceed defined thresholds.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CS-36VDX813A4 CL-36VDX813A4	3-Phase Delta, 208 V 50/60Hz	60A	IEC 60309 Cordset, 10 ft (3.0 m)	(24) IEC 60320/C13 (12) IEC 60320/C19	70.0 x 3.5 x 3.5 in. (1778 x 89 x 89 mm)
CS-36VYY813A4 CL-36VYY813A4	3-Phase Wye, 208 V 50/60Hz	60A	IEC 60309 Cordset, 10 ft (3.0 m)	(24) IEC 60320/C13 (12) IEC 60320/C19	70.0 x 3.5 x 3.5 in. (1778 x 89 x 89 mm)
CS-36VDV813A4 CL-36VDV813A4	3-phase Delta, 208V 50/60Hz	50A	CS8365 Cordset, 10 ft (3.0 m)	(24) IEC 60320/C13 (12) IEC 60320/ C19	70.0 x 3.5 x 3.5 in. (1778 x 89 x 89 mm)

*CL refers to the Expansion Module

Additional Features and Specifications

Agency Approvals
> US & Canada (cULus mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03
> cULus Mark to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1:2003
> FCC Class A, Part 15
> CE
> EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Communications and Security
> 10/100 BaseT Ethernet
> HTTP/HTTPS
> SSLv3/TLSv1
> SNMPv2
> SSHv2
> Telnet
> LDAPS/LDAPv3
> RADIUS
> TACACS+
> 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-1-1 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.

Expansion Module Model Numbers
> CL-36VDX813A4
> CL-36VYY813A4
> CL-36VDV813A4

Server Technology