Sentry Smart CDU

Key Features

> **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on each phase. Verification of the input current with the LED digital display provides simple load balancing. Remote verification via web browser or serial screen.

> **High Power Distribution**: 208-240V three-phase power options; 20 or 30-Amp power input feed options.

> **High Density:** Single-power input feed; 30 outlets per enclosure (combination of (4) NEMA 5-20R, (3) IEC C13, and (3) IEC C19 outlets per branch.

> **Multiple Voltage Outputs:** 120V & 208V outputs

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

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

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

CS-3AVY

High-Density Power Distribution

This Smart Cabinet Distribution Unit (CDU) provides reliable 3-Phase 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.

Multiple outlet types distribute multiple voltages via 3-Phase 208V Wye power in-feed. 208V 3-Phase power is distributed as 120V single phase power via (4) NEMA 5-20R outlets and 208V single phase power via (3) IEC C13 and (3) IEC C19 outlets per branch circuit.

Additional Benefits:

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

Input Current Monitoring
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 for simple load balancing.

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.

Linking (Expansion Modules)
The Smart CDU family now has the capability to daisy chain units together. The Expansion Module gives the ability to use one IP address across different power circuits.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CS-3AVYL413	3-Phase Wye, 208V 50/60Hz	20A	NEMA L21-20P Cordset	(12) NEMA 5-20P @120V (9) IEC C13 @ 208V (9) IEC C19 @ 208V	68.0″ x 2.0″ x 3.23″ (1728mm x 51mm x 82mm)
CL-3AVYL413*	3-Phase Wye, 208V 50/60Hz	20A	NEMA L21-20P Cordset	(12) NEMA 5-20P @120V (9) IEC C13 @ 208V (9) IEC C19 @ 208V	68.0″ x 2.0″ x 3.23″ (1728mm x 51mm x 82mm)
CS-3AVYM413	3-Phase Wye, 208V 50/60Hz	30A	NEMA L21-30P Cordset	(12) NEMA 5-20P @120V (9) IEC C13 @ 208V (9) IEC C19 @ 208V	68.0″ x 2.0″ x 3.23″ (1728mm x 51mm x 82mm)
CL-3AVYM413*	3-Phase Wye, 208V 50/60Hz	30A	NEMA L21-30P Cordset	(12) NEMA 5-20P @120V (9) IEC C13 @ 208V (9) IEC C19 @ 208V	68.0″ x 2.0″ x 3.23″ (1728mm x 51mm x 82mm)

*Expansion Module

Additional Features and Specifications

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 - EN 55022 Class A, EN 55024

Branch Circuit Protection
> Compliant to UL 60950-1

Expansion Module Model Numbers
> CL-3AVYL413
> CL-3AVYM13

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

Accessories
> Optional Temperature & Humidity Probe
    EMTH-1-1 Temperature & Humidity Probe, 10′