Sentry Smart CDU

CS-24VD/Y

High Density Power Distribution

The Smart Cabinet Power 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 and email alerts when conditions exceed defined thresholds.

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

Additional Benefits:

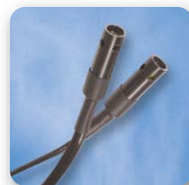#### NEW! Fuse Retractors for Branch Circuit Protection
These new tool-less retractors pull out for easy access and replacement of fuses. The Sentry CDU Family meets the UL 60950-1 requirement for branch circuit protection.

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
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 for simple 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.

NEW! Linking for Smart CDU (Expansion Modules)
The Smart CDU family now has the capability to daisy chain units together. The Expansion Module provides the ability to link two power circuits under one IP address.

Key Features

> **High Density:** Single-power input feed; 24 outlets per enclosure

> **High Power Distribution**: 208-240V Three phases; 30-Amp power input feed options.

> **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on each phase. 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, 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

> **Add an Expansion Module:** Daisy chain the Smart CDU Expansion Module (CS/CL) for power monitoring of separate "A" & "B" power circuits from a single IP address

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions*** (L x W x D)
CS-24VD-L30M CL-24VD-L30M*	3-Phase Delta, 208 V 50/60Hz	30A	NEMA L15-30P Cordset, 10 ft (3m)	(24) IEC 60320/C13	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)
CS-24VY-L30M CL-24VY-L30M*	3-Phase Wye, 208 V 50/60Hz	30A	NEMA L21-30P Cordset, 10 ft (3m)	(24) IEC 60320/C13**	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)

* CL part numbers refer to the Expansion CDU

** This unit also has an additional, qty (1), NEMA 5-20R, 110V utility outlet

*** Please note that the depths of these enclosures are 3.0" deep at the placement of the fuse retractors

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

Communications and Security
> 10/100 BaseT Ethernet
> HTTP/HTTPS
> SSLv3/TLSv1
> SNMPv2
> SSHv2
> Telnet
> LDAPS/LDAPv3
> 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)

Server Technology