Sentry Switched CDU

Key Features

> **High Density:** Single-power input feed; 24 outlets per enclosure (Qty 18 IEC C13 & qty 6 IEC C19 outlets)

> **High Power Distribution:** 208-240V 3-Phase power option; 50A Delta or 60A Wye or Delta power input feed option.

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

> **Remote Power Management:** Power cycle individual power outlets, or groups of power outlets, to remotely reboot servers and network devices, anywhere in the world. Or, power-off unused power receptacles

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

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

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

> **Add an Expansion Module:** Daisy chain the Switched CDU Expansion Module (CW/CX) for power monitoring of separate power circuits from a single IP address

CW-24VD/Y Mixed Outlet for Overhead Power/Busways

High-Density Power Distribution

The Switched CDU combines remote configuration and management with power distribution and power and environmental monitoring. Reboot a single or dual-power server with one command. Receive SNMP or email-based alerts when power or environmental conditions exceed thresholds. Assign user specific access rights to designated outlets or groups.

This Switched CDU has middle entry for network, serial & environmental connections combined with a top power cord entry. This provides the ultimate flexibility when connecting Switched CDU's to overhead power or busways. Current monitors are easily inverted via the web GUI or serial interface.

Additional Benefits:

Branch Circuit Protection
The Sentry CDU Family meets the UL 60950-1 requirement for Branch Circuit Protections
> UL-489 rated circuit breakers

Input 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 phase or branch circuit for simple load balancing

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

Mixed Outlets
This Switched CDU combines both IEC 60320/C13 and IEC 60320/C19 switched outlets within a single CDU. For rebooting non-responsive servers & network devices.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-24VDV454A1 CX-24VDV454A1*	3-Phase Delta, 208V 60Hz	50A	CS8365 Cordset, 10ft (3m)	(18) IEC 60320/C13 (6) IEC 60320/C19	70.0 x 1.75 x 3.50 in. (1778 x 44 x 89 mm)
CW-24VDX454A1 CX-24VDX454A1*	3-Phase Delta, 208V 60Hz	60A	IEC 60309 Cordset, 10ft (3m)	(18) IEC 60320/C13 (6) IEC 60320/C19	70.0 x 1.75 x 3.50 in. (1778 x 44 x 89 mm)
CW-24VYY454A1 CX-24VYY454A1*	3-Phase Wye, 208V 60Hz	60A	IEC 60309 Cordset, 10ft (3m)	(18) IEC 60320/C13 (6) IEC 60320/C19	70.0 x 1.75 x 3.50 in. (1778 x 44 x 89 mm)

* CX part numbers refer to the Expansion CDU

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 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
> 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, 10ft (3m)

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

> 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

Expansion Module Model Numbers
> CX-24VDV454A1
> CX-24VDX454A1
> CX-24VYY454A1

Server Technology