Sentry Switched CDU

CW-24V Mixed Outlet

High-Density Power Distribution

The Switched CDU's combine 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 users specific access rights to designated outlets or groups.

This Switched CDU provides the flexibility needed for all data centers and remote sites, including power requirements for high-amp, high voltage; UL 60950-1 branch circuit protection; SSL & SSH security; and SNMP-based input current monitoring.

Additional Benefits:

Fuse Retractors for Branch Circuit Protection
These 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 or branch circuit for simple load balancing.

Temperature and Humidity
The Switched 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.

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.

Key Features

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

> **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.

> **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

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions** (L x W x D)
CW-24V2A311A1 CX-24V2A311A1*	208 V-240 V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)
CW-24V2C311A1 CX-24V2C311A1*	208 V-240 V 50/60Hz	30A	NEMA L6-30P Cordset, 10 ft (3m)	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)
CW-24VEA311A1 CX-24VEA311A1*	230 V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 2.25 in. (1753x 44.4 x 57 mm)
CW-24VEK311A1 CX-24VEK311A1*	230 V 50/60Hz	32A	IEC 60309 Cordset, 10 ft (3m)	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 2.25 in. (1753x 44.4 x 57 mm)

* CX part numbers refer to the Expansion CDU

** 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)

Expansion Module
Model Numbers
> CX-24V2A311A1
> CX-24V2C311A1
> CX-24VEA311A1
> CX-24VEK311A1

Server Technology