Sentry Switched CDU

Key Features

> **Mid and High Density:** Single-power input feed; 24 NEMA 5-20R outlets per enclosure

> **High Power Distribution:** 120V; 20 and 30 amp power input feed options

> **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, RADIUS, 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:** Connect the Switched Expansion CDU (CX) to a Master unit (CW) for power monitoring of separate power circuits from a single IP address

CW-24V1 with PIPS

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.

PIPS - Per Input Power Sensing

Accurately measures Active Power, Apparent Power, Energy k-Wh, Power Capacity, Reactance, and Power Capacity Used using the network interface. See the aggregate current draw, in Amps, locally using the onboard LED.

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.

Linking (Expansion Modules)

The Switched CDU family has the capability to daisy chain units together. The Expansion Module provides the ability to link two power circuits under one IP address.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions*** (L x W x D)
CW-24V1A325 CX-24V1A325*	100-120V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(24) NEMA 5-20R	65.5 x 1.75 x 2.25 in. (1664 x 44 x 57 mm)
CW-24V1B325 CX-24V1B325*	100-120V 50/60Hz	30A	NEMA L5-30P Cordset, 10ft (3m)	(24) NEMA 5-20R	65.5 x 1.75 x 2.25 in. (1664 x 44 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: 2007 and CAN/CSA 22.2 No. 60950-1-07
> FCC Class A, Part 15
> EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A

Communications and Security
> 10/100 BaseT Ethernet
> HTTP/HTTPS
> SSLv3/TLSv1
> SNMPv2, v3
> SSHv2
> Telnet
> LDAPv3
> LDAPS
> TACACS+
> RADIUS
> RS-232 (Serial)
> IPv4 and IPv6

Branch Circuit Protection
> Compliant to UL 60950-1
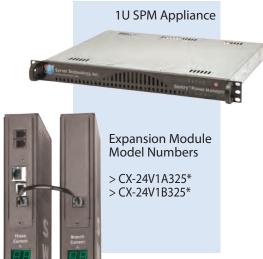> Interrupt Capacity: 100 kAIC

Accessories
> Optional Temperature & Humidity Probe
    - EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)
> Environmental Monitor
    - EMCU-1-1B 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.
> SPM (Sentry Power Manager):
    - 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
    - Optional Appliance or virtual version
    - SPM v5.1+ is VMware READY

vmware READY

VMware and VMware Ready is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions

1U SPM Appliance

Expansion Module Model Numbers

> CX-24V1A325*
> CX-24V1B325*

Server Technology