Sentry Switched CDU

Key Features

> **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

> **High Power Distribution:** 120V, 20A or 30A power input feed options.

> **High Density:** Single power input feed; 16 outlets per enclosure

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

> **Add an Expansion Module:** Connect the Switched Expansion CDU (CX) to a Master unit (CW) for power management of separate power circuits from a single IP address

> **Environmental Monitoring:** Each Switched CDU supports two temperature & humidity probes and reports conditions thru the Web interface

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

> **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 browser or serial screen.

> **Power-up Sequencing:** Prevent an in-rush power overload

CW-16V1 with NEMA 5-20R Outlets 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 alerts when power or environmental conditions exceed thresholds. Assign users specific access rights to designated outlets or groups.

Only the Switched CDU products provide 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:
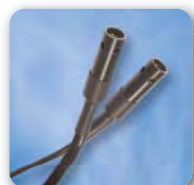
Branch Circuit Protection

The Sentry CDU Family meets the new 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, 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 probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alert 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-16V1A317 CX-16V1A317*	100-120V 50/60Hz	20A	IEC C20 Inlet, Bottom Entry	(16) NEMA 5-20R	44.5 x 1.75 x 2.25 in. (1130 x 44 x 57 mm)
CW-16V1B317 CX-16V1B317*	100-120V 50/60Hz	30A	NEMA L5-30P Plug, 10'(3m), Bottom Cord	(16) NEMA 5-20R	44.5 x 1.75 x 2.25 in. (1130 x 44 x 57 mm)

* CX refers to the Expansion unit
** Please note that the depths of these enclosures are 3.0" at 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 and v3
> SSHv2
> Telnet
> LDAPv3
> LDAPS
> TACACS+
> RADIUS
> RS-232 (Serial)
>IPv4 and v6

Branch Circuit Protection
> Compliant to UL 60950-1

Power Cord Options
> PTCORD-5   IEC 60320/C19 - 5-15P (15A Straight-Blade) 10'(3m)
> PTCORD-6   IEC 60320/C19 - 5-20P (20A Straight-Blade) 10'(3m)
> PTCORD-7   IEC 60320/C19 - L5-20P (20A Twist-Lock) 10'(3m)

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) 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

SPM Appliance

Expansion Model Numbers
CX-16V1A317*
CX-16V1B317*

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