

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, 208V, 240V and three-phase power options. 20 or 30-Amp power input feed
- > Mid-Density: Single power input feed; 16 outlets per enclosure
- > IP Access & Security: Web interface, SSL, SSH, Telnet, SNMP or RS-232 access
- > Add an Expansion Module: Daisy chain the Switched CDU Expansion Module (CWXM) 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
- > Enterprise View: View and access up to 1,000 Switched CDUs from one 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
- > Zero U and Rack-mount models: Both vertical and horizontal units are available

CW-16V

Mid-Density Switched 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.

The Switched CDU also supports Enterprise View PDU Manager. This gives the engineer the ability to manage a large installation of Networked CDUs from one location, view and access up to 1,000 Switched CDUs from a single web interface.



Features:



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.



Branch Current Monitoring

The CDU's exclusive True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital displays are accessible through IP-access to report the input current of each phase or branch circuit.



Temperature & Humidity Monitoring

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.



Model	Available Input Voltages	Rated Amperage	Available Input Cord	Outlets	Dimensions
CW-16V1-C20	100-120V 50-60Hz	20A/30A	IEC 60320/C20 Power Inlet	(16) NEMA 5-20R	45.7" x 1.75" x 2.25"
CW-16V1-L530	100-120V 50-60Hz	20A/30A	NEMA L5-30P Cordset	(16) NEMA 5-20R	45.7" x 1.75" x 2.25"
CW-16V2-C20	208-240V 60Hz	20A/30A	IEC 60320/C20 Power Inlet	(16) IEC 60320/C13	45.7" x 1.75" x 2.25"
CW-16V2-L630	208-240V 60Hz	20A/30A	NEMA L6-30P Cordset	(16) IEC 60320/C13	45.7" x 1.75" x 2.25"
CW-16VE-C20	230V 50/60Hz	20A/30A	IEC 60320/C20 Power Inlet	(16) IEC 60320/C13	45.7" x 1.75" x 2.25"

Standards

- > CTUVus – UL 60950-1-2003
- > CAN/CSA 22.2 No. 60950-1:2003
- > TUV_GS – EN60950-1:2001

Communications

- > 10/100 BaseT Ethernet
- > SSLv3/TLSv1
- > SNMPv2

Conformance & Agency Certifications

- > US & Canada (cTUVus mark) to UL 60950 3rd Edition and CAN/CSA 22.2 No. 60950-00 3rd edition
- > European Union (TUVGS mark) to EN 60950 3rd Edition
- > FCC Class A, Part 15

Power Cord Options

- > PTCORD-1 IEC 60320/C19 - NEMA L6-20P , 10'
- > PTCORD-2 IEC 60320/C19 - Schuko 10'
- > PTCORD-3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10'
- > PTCORD-4 IEC 60320/C19 - BS1363 13A (UK) 10'
- > PTCORD-5 IEC 60320/C19 - 5-15P (15A Straight-Blade) 10'
- > PTCORD-6 IEC 60320/C19 - 5-20P (20A Straight-Blade) 10'
- > PTCORD-7 IEC 60320/C19 - L5-20P (20A Twist-Lock) 10'
- > PT-ADP-C19 Cable mount IEC 60320/C19 Connector

Accessories

- > Temperature & Humidity Probe Option
 - EMTH-1-1 Temperature & Humidity Probe, 10'



Expansion Modules

- >CX-16V1-C20
- >CX-16V1-L530
- >CX-16V2-C20
- >CX-16V2-L630
- >CX-16VE-C20