Sentry Switched CDU

CW-8H2 Switched 208V 20/30A with Circuit Breakers

Key Features

> Medium Density: Single power input feed; 8 outlets per 1U enclosure

> High Power Distribution: 208V, 20A and 30A; 230V, 16A and 32A power input feed options

> 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

> 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.

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

> Traps & Alerts: Provide automated SNMP-based alarms and email alerts for power and environmental conditions

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

> Add an Expansion Module: Connect the Switched Expansion CDU (CX) to a Master unit (CW)

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

Medium-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-based alerts and email 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.

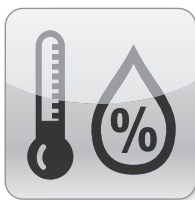## Additional Benefits:

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

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.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-8H2A413 CX-8H2A413*	200-240 V 50/60Hz	20 A (cTUVus Mark) 16 A (T-Mark)	IEC 60320/C20 Power Inlet	(8) IEC 60320/C13	1.75 x 17.2 x 7.1 in. (44 x 437 x 181 mm)
CW-8H2C413 CX-8H2C413*	240V 50/60Hz	30A	NEMA L6-30P Cordset, 10 ft (3m)	(8) IEC 60320/C13	1.75 x 17.2 x 7.1 in. (44 x 437 x 181 mm)
CW-8HEK413 CX-8HEK413*	230V 50/60Hz	32	IEC 60309 Cordset, 10 ft (3m)	(8) IEC 60320/C13	1.75 x 17.2 x 7.1 in. (44 x 437 x 181 mm)

*CX refers to the Expansion Module

Additional Features and Specifications

Agency Approvals
> US & Canada cTUVus Mark to UL 60950-1: 2007 and CAN/CSA 22.2 No. 60950-1-07
> EU TUV T-Mark to EN 60950-1:2006 + A11
> EMC to EN 55022 Class A, EN 55024, CISPR 22 Class A
> FCC Class A, Part 15
> CE Mark
> RoHS/WEEE

Communications and Security
> 10/100 BaseT Ethernet
> HTTP/HTTPS
> SSLv3/TLSv1
> SNMPv2c & v3
> SSHv2
> Telnet
> LDAPS/LDAPv3
> TACACS+
> RADIUS
> RS-232 (Serial)
> IPv4 & v6

Branch Circuit Protection
> Compliant to UL 60950-1

Branch Circuit Protection
> PTCORD-L1 IEC 60320/C19 - NEMA L6-20P , 10ft (3m)
> PTCORD-L2 IEC 60320/C19 - Schuko 10ft (3m)
> PTCORD-L3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10ft (3m)
> PTCORD-L4 IEC 60320/C19 - BS1363 13A (UK) 10ft (3m)

Accessories
Optional Accessories
> EMTH-1-1 Combination Temperature/Humidity Probe, 10ft (3m)
> EMCU-1-1B Environmental Monitor adding
 - Two (2) EMTH-1-1 Temperature/Humidity Probes (one included)
 - One (1) EMWS-1-1 Water Sensor (sold separately)
 - Four (4) Dry Contact (NO/NC) monitoring points
 - One (1) 8-bit analog-to-digital converter (0 to 5VDC)
> SPM (Sentry Power Manager)
 - Monitor and manage multiple PDUs from a single point
 - Monitor and manage alarm conditions
 - Create reports and trends on stored data
 - Control and analyze power usage per power supply and device
 - Optional appliance or virtual version
 - VMware READY

1 U SPM Appliance

Expansion Module Model Numbers
> CX-8H2A413
> CX-8H2C413
> CX-8HEK413

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