

# 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:** 208V or 230V power; 16, 20, 30 or 32-Amp power input feed options
- > **High Density:** Single power input feed; 24 outlets per enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, LDAP, LDAPS, TACACS and RS-232 access
- > **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
- > **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-24V2/VE 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-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 Protection

- > 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-24V2A415 CX-24V2A415*	208-240V 50/60Hz	20A	IEC 60320/C20 Power Inlet, Bottom/Front Entry	(24) IEC 60320/C13	64.0 x 1.75 3.50 in. (1625 x 44 x 89 mm)
CW-24V2C415 CX-24V2C415*	208-240V 50/60Hz	30A	NEMA L6-30P, Bottom/Front Entry, 10ft (3m)	(24) IEC 60320/C13	64.0 x 1.75 3.50 in. (1625 x 44 x 89 mm)
CW-24VEA415 CX-24VEA415*	230V 50/60Hz	16A	IEC 60320/C20 Power Inlet, Bottom/Front Entry	(24) IEC 60320/C13	64.0 x 1.75 3.50 in. (1625 x 44 x 89 mm)
CW-24VEK415 CX-24VEK415*	230V 50/60Hz	32A	IEC 60309, Bottom/Front Entry, 10ft (3m)	(24) IEC 60320/C13	64.0 x 1.75 3.50 in. (1625 x 44 x 89 mm)

\* CX part numbers refer to expansion CDU

## 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
- > LDAPv3
- > LDAPS
- > RADIUS
- > TACACS+
- > RS-232 (Serial)

### Branch Circuit Protection

- > Compliant to UL 60950-1

### Power Cord Options

- > PTCORD-1 IEC 60320/C19 - NEMA L6-20P , 10'(3m)
- > PTCORD-2 IEC 60320/C19 - Schuko 10'(3m)
- > PTCORD-3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10'(3m)
- > PTCORD-4 IEC 60320/C19 - BS1363 13A (UK) 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



### Expansion Module

#### Model Numbers

- > CX-24V2A415
- > CX-24V2C415
- > CX-24VEA415
- > CX-24VEK415



## Server Technology

**HEADQUARTERS - NORTH AMERICA**  
 Server Technology, Inc.  
 1040 Sandhill Drive  
 Reno, NV 89521  
 United States  
 1.775.284.2000 Tel  
 1.775.284.2065 Fax  
 sales@servertech.com  
 www.servertech.com  
 www.servertechblog.com

**EMEA**  
 Server Technology Intl  
 United Kingdom  
 +44 (0) 1628 509053 Tel  
 +44 (0) 1628 509100 Fax  
 salesintl@servertech.com

**APAC**  
 Server Technology Intl  
 37th Floor, Singapore Land Tower  
 50 Raffles Place  
 Singapore 048623  
 +65 (0) 6829 7008 Tel  
 +65 (0) 6234 4574 Fax  
 salesintl@servertech.com