

# Sentry Switched CDU

## Key Features

- > **High Density:** Single-power input feed; 24 outlets per enclosure (Qty 18 IEC C13 & qty 6 IEC C19 outlets)
- > **High Power Distribution:** 208-240V 3-Phase Delta and Wye power options; 20 and 30-Amp power input feed option.
- > **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, SNT, Syslog, LDAP, LDAPS, 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-24VD/VY 3-Phase Mixed Outlet 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:



#### 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, 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 10' (3m) probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alerts or email notifications when conditions exceed defined thresholds.



#### Mixed Outlets

This Switched CDU combines both IEC 60320/C13 and IEC 60320/C19 switched outlets within a single CDU. For rebooting non-responsive servers & network devices.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-24VDD415A1 CX-24VDD415A1*	3-Phase Delta, 240 V 50/60Hz	20A	NEMA L15-20P Plug, 10'(3m), Bottom/Frt Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 3.50 in. (1753 x 44.4 x 89 mm)
CW-24VDE415A1 CX-24VDE415A1*	3-Phase Delta, 240 V 50/60Hz	30A	NEMA L15-30P Plug, 10'(3m), Bottom/Frt Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 3.50 in. (1753 x 44.4 x 89 mm)
CW-24VYL415A1 CX-24VYL415A1*	3-Phase Wye, 208 V 50/60Hz	20A	NEMA L21-20P Plug, 10'(3m), Bottom/Frt Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 3.50 in. (1753 x 44.4 x 89 mm)
CW-24VYM415A1 CX-24VYM415A1*	3-Phase Wye, 208 V 50/60Hz	30A	NEMA L21-30P Plug, 10'(3m), Bottom/Frt Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	69.0 x 1.75 x 3.50 in. (1753 x 44.4 x 89 mm)

\* CX part numbers refer to the 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
- > 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
- > SSHv2
- > Telnet
- > LDAPv3
- > LDAPS
- > TACACS+
- > RADIUS
- > RS-232 (Serial)

### Branch Circuit Protection

- > Compliant to UL 60950-1

### 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 converter. 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

> 1 U SPM Appliance



Expansion Module Model Numbers

- > CX-24VDD415A1
- > CX-24VDE415A1
- > CX-24VYL415A1
- > CX-24VYM415A1



## 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