

# Sentry Switched CDU

## Key Features

- > **High Density:** Single-power input feed; 30 outlets per enclosure (Qty 24 IEC C13 and 6 IEC C19 outlets)
- > **High Power Distribution:** 208V, 3-Phase power option; 20A and 30A Delta or Wye input feed options.
- > **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on each phase. On-site verification of the input current with LED digital displays. 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, SNTp, 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-30VD/VY with (24) C13s and (6) C19

### High-Density Power Distribution

The Switched CDU combines 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 user specific access rights to designated outlets or groups.

This Switched CDU has middle entry for network, serial & environmental connections combined with a top power cord entry. This provides the ultimate flexibility when connecting Switched CDU's to overhead power or busways. Current monitors are easily inverted via the web GUI or serial interface.

### 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 10ft (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-30VDD458C2-012<br>CX-30VDD458C2-012* | 240V, 3-phase Delta,<br>50/60Hz | 20A      | NEMA L15-20P Plug,<br>10'(3m), Top Cord | (24) IEC 60320/C13<br>(6) IEC 60320/C19 | 69.0 x 1.75 x 3.5 in<br>(1753 x 44 x 89 mm) |
| CW-30VDE458C2-012<br>CX-30VDE458C2-012* | 240V, 3-phase Delta,<br>50/60Hz | 30A      | NEMA L15-30P Plug,<br>10'(3m), Top Cord | (24) IEC 60320/C13<br>(6) IEC 60320/C19 | 69.0 x 1.75 x 3.5 in<br>(1753 x 44 x 89 mm) |
| CW-30VYL458C2-012<br>CX-30VYL458C2-012* | 208V, 3-phase Wye,<br>50/60Hz   | 20A      | NEMA L21-20P Plug,<br>10'(3m), Top Cord | (24) IEC 60320/C13<br>(6) IEC 60320/C19 | 69.0 x 1.75 x 3.5 in<br>(1753 x 44 x 89 mm) |
| CW-30VYM458C2-012<br>CX-30VYM458C2-012* | 208V, 3-phase Wye,<br>50/60Hz   | 30A      | NEMA L21-30P Plug,<br>10'(3m), Top Cord | (24) IEC 60320/C13<br>(6) IEC 60320/C19 | 69.0 x 1.75 x 3.5 in<br>(1753 x 44 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-30VDD458C2-012
- > CX-30VDE458C2-012
- > CX-30VYL458C2-012
- > CX-30VYM458C2-012



## 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  
 Sienna Court  
 The Broadway  
 Maidenhead  
 Berkshire  
 SL6 1NJ  
 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