

# Sentry Switched CDU

## CW-24V4

### 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.

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



#### Input Current Monitoring

Exclusive True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital displays on the CDU enclosure report the input current of each phase or branch circuit.



#### 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.

## Key Features

- > **High Density:** Single-power input feed; 24 outlets per enclosure
- > **High Power Distribution:** Three-Phase 400V power; 16 or 32-Amp power input feed options with 230V output
- > **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.
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, LDAP, LDAPS, TACACS and RS-232 access
- > **SNMP Traps:** Provide automated alerts for power and environmental conditions
- > **Power-up Sequencing:** Prevent an in-rush power overload
- > **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:** Daisy chain the Switched CDU Expansion Module (CW/CX) for power monitoring of separate power circuits from a single IP address



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions** (L x W x D)
CW-24V4J411	3-Phase, 400 V 50/60Hz	16A	IEC 60309 Cordset, 10 ft (3m)	(24) IEC 60320/C13	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)
CX-24V4J411 *	3-Phase, 400 V 50/60Hz	16A	IEC 60309 Cordset, 10 ft (3m)	(24) IEC 60320/C13	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)
CW-24V4K411	3-Phase, 400 V 50/60Hz	32A	IEC 60309 Cordset, 10 ft (3m)	(24) IEC 60320/C13	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)
CX-24V4K411 *	3-Phase, 400 V 50/60Hz	32A	IEC 60309 Cordset, 10 ft (3m)	(24) IEC 60320/C13	69.0 x 1.75 x 2.25 in. (1753 x 44.4 x 57 mm)

\* CX part numbers refer to the Expansion CDU

\*\*Please note that the depths of these enclosures are 3.30 in. (84mm) deep at the placement of the circuit breakers

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

### Branch Circuit Protection

- > Compliant to UL 60950-1

### Accessories

- > Optional Temperature & Humidity Probe  
EMTH-1-1 Temperature & Humidity Probe, 10 ft (3m)



### Expansion Modules

- > CX-24V4J411
- > CX-24V4K411



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