

Sentry Smart CDU

CS-27VY 30 Amp

High Density Power Distribution

The Smart Cabinet Distribution Units (CDU) provide reliable power distribution combined with local and remote power monitoring and environmental monitoring via IP. Use the network interface to view power, temperature and humidity levels via Web browser, or receive SNMP-based alarms and email alerts when conditions exceed defined thresholds.

The Smart CDU family has the capability to daisy chain units together. The Expansion CDU Module gives the ability to use one IP address across different power circuits.

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

The NEW Digital True RMS current monitoring, with improved accuracy, is critical to preventing overloads in high-density computing environments. LED digital displays on the CDU enclosure report the input current of each phase for simple load balancing.



Temperature and Humidity

The Smart 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.



Linking for Smart CDU (Expansion Modules)

The Smart CDU family has the capability to daisy chain units together. The Expansion Module provides the ability to link two power circuits under one IP address.

Key Features

- > High Density: Single-power input feed; 27 outlets; Qty (21) IEC C13 outlets & (6) NEMA 5-20R outlets) per enclosure.
- > High Power Distribution: 208-240V Three-phase Wye power; 30-Amp power input feed options
- > Multiple Voltage Outputs: 120V & 208V output
- > Input Current Monitor: Precisely measure the aggregate current draw (in amps) of each phase. 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, SNTp, Syslog, LDAP, LDAPS, RADIUS, TACACS and RS-232 access
- > Alerts: Provide automated SNMP-based alarms or email alerts for power and environmental conditions
- > Environmental Monitoring: Each Smart 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 Smart CDU Expansion Module (CS/CL) 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)
CS-27VY-L30M CL-27VY-L30M*	3-Phase Wye, 208V 50/60Hz	30A	NEMA L21-30P Cordset, 10 ft (3m)	(21) IEC C13 @ 208V (6) NEMA 5-20R @ 120V	69.0 x 1.75 x 3.5 in. (1753 x 44.4 x 89 mm)

* CL 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
- > CE
- > EMC CISPR 22 Class A

Branch Circuit Protection

- > Compliant to UL 60950-1

Accessories

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

Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2
- > SSHv2
- > Telnet
- > LDAPS/LDAPv3
- > RADIUS
- > TACACS+
- > RS-232 (Serial)



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