

Sentry Smart CDU

CS-36V2 1-Phase 50A or 60A with Mixed Outlets

High Density Power Distribution

The Smart Cabinet Power 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:



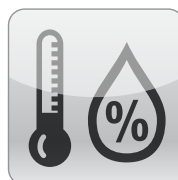
Branch Circuit Protection

The Sentry CDU Family meets the UL 60950-1 requirement for Branch Circuit Protections
> UL-489 rated circuit breakers



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 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; (30) IEC C13 and (6) IEC C19 outlets per enclosure
- > **High Density Power Distribution:** 208V 1-Phase power; 50A and 60A power input feed.
- > **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on 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 through the user interface without the need for additional IP addresses
- > **Add an Expansion Module:** Connect the Smart Expansion CDU (CL) to a Master unit (CS) 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-36V2QE25D4 CL-36V2QE25D4*	208-240V, 1-Phase 50/60Hz	60A	IEC Blue 6hr 2P+G Plug, 10'(3m), Bottom/Frt Cord	(30) IEC 60320/C13 (6) IEC 60320/C19	73.0 x 1.75 x 3.50 in. (1854 x 44 x 89 mm)
CS-36V25E25D4 CL-36V25E25D4*	208-240V, 1-Phase 50/60Hz	50A	CS8265 plug, 10'(3m), Bottom/front cord	(30) IEC 60320/C13 (6) IEC 60320/C19	73.0 x 1.75 x 3.50 in. (1854 x 44 x 89 mm)

* CL part numbers refer to the Expansion CDU

** 2.25 in. (57 mm) depth at the outlets

Additional Features and Specifications

Agency Approvals

- > US & Canada (cTUVus Mark) to UL 60950-1: 2007 and CAN/CSA 22.2 No. 60950-1-07
- > 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 and SNMPv3
- > SSHv2
- > Telnet
- > LDAPv3
- > LDAPS
- > TACACS+
- > RADIUS
- > RS-232 (Serial)
- > IPv4 and IPv6

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 contact sensor. Includes (1) temperature/humidity probe with unit.
- > SPM (Sentry Power Manager):
 - 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
 - Optional Appliance or virtual version
 - SPM v5.1+ is vmware READY



VMware and VMware Ready is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions

1U SPM Appliance



Expansion Module
Model Numbers
> CL-36V2QE25D4
> CL-36V25E25D4



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