

Sentry Smart CDU

Key Features

- > **High Density:** Single-power input feed; 54 outlets per enclosure (42 x C13 & 12 x C19 outlets)
- > **High Power Distribution:** 230V/400V 3-phase power; 16 or 32 amp power input feed option.
- > **Input Current Monitor:** Precisely measure the aggregate current draw (in amps) on each branch 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, 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

CS-54V4 with C13 and C19 Outlets 230/400V

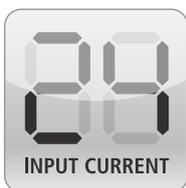
The CS-54V4 Smart Cabinet Distribution Unit (CDU) provides reliable power distribution for high density applications such as blade server clusters. The Smart CDU provides reliable power distribution combined with local and remote power monitoring and environmental monitoring via IP. Use the network interface to view power, temperature and humidity levels via Web browser, or receive SNMP-based alarms and email alerts when conditions exceed defined thresholds.

Additional Benefits:



Branch Circuit Protection

The Sentry CDU Family meets the UL 60950-1 requirement for branch circuit protection.
- UL 489 rated circuit breakers



Branch Current Monitoring

Exclusive Digital 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 branch circuit (a total of 6 LED current monitors) for 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.



Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CS-54V4JD23C6-017 CL-54V4JD23C6-017*	230/400V, 3-Phase Wye, 50/60Hz	16A	IEC 60309 (3P+N+PE) 6Hr Cord Set, 3m (10ft)	(42) IEC 60320/C13 (12) IEC 60320/C19	1753 x 89 x 58 mm (69.0 x 3.5 x 2.25 in.)
CS-54V4KD23C6-017 CL-54V4KD23C6-017*	230/400V, 3-Phase Wye, 50/60Hz	32A	IEC 60309 (3P+N+PE) 6Hr Cord Set, 3m (10ft)	(42) IEC 60320/C13 (12) IEC 60320/C19	1753 x 89 x 58 mm (69.0 x 3.5 x 2.25 in.)

*CL refers to the Expansion Module

Additional Features and Specifications

Agency Approvals

- > European Union (TUVGS Mark) to EN 60950-1:2001
- > FCC Class A, Part 15
- > CE Mark
- > EMC to EN55022 Class A, EN 55024, CISPR 22 Class A

Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2/v3
- > SSHv2
- > Telnet
- > LDAPv3
- > LDAPS
- > TACACS+
- > RADIUS
- > RS-232 (Serial)
- > IPv4/v6

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):
 - Monitor and Manage multiple Sentry CDU's
 - Monitor and Manage all alarm conditions
 - Reporting and Trending
 - 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



Expansion Module Model Numbers

- >CL-54V4JD23C6-017
- >CL-54V4KD23C6-017



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