Sentry : CDU Product Family

Power Distribution Solutions for the Data Center Equipment Cabinet

If you manage a datacenter, we have a solution for you.

Flexible Mounting Options
Zero-U button or bracket mounting for mounting vertical CDU's in the back or on the side of the cabinet to avoid consuming valuable "U" space.

Branch Circuit Protection*
All Sentry CDU's meet the UL 60950-1 requirement for branch circuit protection and use either fuses or circuit breakers to protect each branch of outlets.

Input Current Monitoring
The CDU's exclusive True RMS Current Monitoring is critical to preventing overloads in high-density computing environments. Digital LED displays on the CDU enclosure report the input current of each phase or branch circuit.

Environmental Monitoring
External probes, with 3-meter cable, capable of measuring temperature & humidity. Receive SNMP-based or email alert notifications when conditions exceed defined thresholds.

Expansion Module
Our exclusive method for linking additional outlets, on separate CDU's, together under a single IP address, and provides support for A & B power in-feeds.

IP Access, Security & Communications
Web interface, SSL, SSH, Telnet, SNMP and RS-232 access, 10/100 Base T-Ethernet, SSLv3/TLSv1, SNMPv2, TACACS+, LDAP, LDAPS, RADIUS, DHCP, SMTP/Email, and Syslog.

Individual Outlet Control
Control individual outlets or groups of outlets with ON, OFF, and Reboot functionality to remotely reboot unresponsive servers and network equipment.

Basic CDU

The Sentry Basic Cabinet Power Distribution Unit (CDU) product family provides a simple solution where reliable power distribution for equipment racks and other data center applications is needed.

Basic CDU's provide both power distribution and branch circuit protection for the 30-Amp rated devices.

Branch Circuit Protection

Button Mounting

Metered CDU

The Sentry Metered Cabinet Power Distribution Unit (CDU) is a PDU with local LED input current monitoring, which allows network engineers to utilize the CDU's True RMS Power Monitor to precisely measure the current (in amps) that network devices are drawing on the power circuit. As new servers and devices are added to the power drop, the impact on the cumulative current draw can be observed immediately. This allows the engineer to safely load each circuit to its maximum allowable load capacity without the danger of overloading the power circuit.

Branch Circuit Protection

Input Current Monitoring

Button Mounting

Server Technology
Solutions for the Data Center Equipment Cabinet

Smart CDU

The Smart Cabinet Distribution Unit (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. The Smart CDU family has the capability to daisy chain units together which gives the ability to use one IP address across different power circuits.

Branch Circuit Protection

Input Current Monitoring

Environmental Monitoring

Access, Security & Communications

Expansion Module

Button Mounting

Switched® CDU

The Switched Cabinet Distribution Units (CDU) family combines remote configuration and management with power distribution, power and environmental monitoring. Reboot a single or dual-power server with one command and receive SNMP or email-based alerts when power or environmental conditions exceed thresholds. Assign users specific access rights to designated outlets or groups. The Switched CDU provides 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.

Branch Circuit Protection

Input Current Monitoring

Environmental Monitoring

Access, Security & Communications

Expansion Module

Individual Outlet Control

Button Mounting