Sentry Smart CDU

CS-16V-MX

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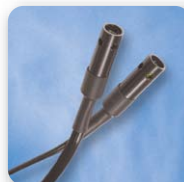
The Smart CDU family now has the capability to daisy chain units together. The Expansion CDU Module gives the ability to use one IP address across different power circuits.

Additional Benefits:

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 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.

NEW! Linking for Smart CDU (Expansion Modules)
The Smart CDU family now 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

> **Mid-Density:** Single-power input feed; 16 outlets per enclosure

> **High Power Distribution**: 100-120V & 208-240V power options; 16, 20, 30, or 32-Amp power input feed options.

> **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, SNTP, Syslog, LDAP, LDAPS, TACACS and RS-232 access

> **SNMP Traps:** Provide automated 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-16V1-C20MX CL-16V1-C20MX*	100-120V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(16) NEMA 5-20R	39.5 x 1.75 x 2.25 in. (1003 x 44.4 x 57 mm)
CS-16V2-C20MX CL-16V2-C20MX*	208-240V 50/60Hz	20A	IEC 60320/C20 Power Inlet	(16) IEC 60320/C13	39.5 x 1.75 x 2.25 in. (1003 x 44.4 x 57 mm)
CS-16VE-C20M CL-16VE-C20M*	230V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(16) IEC 60320/C13	39.5 x 1.75 x 2.25 in. (1003 x 44.4 x 57 mm)

* CL part numbers refer to the Expansion CDU
**Please note that the depths of these enclosures are 3.0" deep at the placement of the fuse retractors

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)

Power Cord Options (for units with C20 power inlets)
> PTCORD-1   IEC 60320/C19 - NEMA L6-20P , 10 ft (3m)
> PTCORD-2   IEC 60320/C19 - Schuko 10 ft (3m)
> PTCORD-3   IEC 60320/C19 - IEC 60309 (BS4343, CEE17)
                   16/20A Blue (UK Commando) 10 ft (3m)
> PTCORD-4   IEC 60320/C19 - BS1363 13A (UK) 10 ft (3m)
> PTCORD-5   IEC 60320/C19 - 5-15P (15A Straight-Blade) 10 ft (3m)
> PTCORD-6   IEC 60320/C19 - 5-20P (20A Straight-Blade) 10 ft (3m)
> PTCORD-7   IEC 60320/C19 - L5-20P (20A Twist-Lock) 10 ft (3m)
> PT-ADP-C19   Cable mount IEC 60320/C19 Connector

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

Server Technology