

Sentry Smart CDU

CS-21V

Key Features

- > **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 browser or serial screen.
- > **High Power Distribution:** 120V, 208V, 240V and three-phase power options. 20 or 30-Amp power input feed
- > **High Density:** Single-power input feed; has 21 outlets per enclosure
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP or RS-232 access
- > **Environmental Monitoring:** Each Smart CDU supports two temperature & humidity probes and reports conditions thru the Web interface
- > **Enterprise View:** View and access up to 1,000 Smart CDUs from one Web interface
- > **SNMP Traps:** Provide automated alerts for power and environmental conditions

High-Density Power Distribution

The Smart CDU products 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 when conditions exceed defined thresholds.

The Smart CDU also supports Enterprise View PDU Manager. This gives the engineer the ability to manage a large installation of Networked CDUs from one location, view and access up to 1,000 Smart CDUs from a single web interface.

Features:



Enterprise View PDU Manager

Enterprise View uses auto discovery to locate all CDUs from one location and provides a graphical interface for each unit. Monitor temperature and humidity levels at each site; receive notification of critical conditions when input current or environmental conditions exceed thresholds; and with the Smart CDU, perform a reboot command to any one outlet.



Branch Current Monitoring

The CDU's exclusive True RMS current monitoring is critical to preventing overloads in high-density computing environments. LED digital displays are accessible through IP-access to report the input current of each phase or branch circuit.



Branch Circuit Protection

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

Attention! The Sentry CDU products meet the above criteria by providing overcurrent protection with UL-listed Bussman SC fuses for each branch circuit.



Temperature & Humidity Monitoring

The Smart CDU supports two external probes. Each of these probes measure both temperature and humidity. Receive SNMP-based alert notifications when conditions exceed defined thresholds.



Model	Available Input Voltages	Rated Amperage	Available Input Cord	Outlets	Dimensions
CS-21VD-L1520	3-Phase 240V 60Hz	20A	NEMA L15-20P Cordset	(21) IEC 60320/C13	45.0" x 1.75" x 2.25"
CS-21VY-L2120	3-Phase 208V 60Hz	20A	NEMA L21-20P Cordset	(21) IEC 60320/C13	45.0" x 1.75" x 2.25"

Technical Specifications

Standards

- > CTUVus – UL 60950-1-2003
- > CAN/CSA 22.2 No. 60950-1:2003
- > TUV_GS – EN60950-1:2001

Communications

- > 10/100 BaseT Ethernet
- > SSLv3/TLSv1
- > SNMPv2

Conformance & Agency Certifications

- > US & Canada (cTUVus mark) to UL 60950 3rd Edition and CAN/CSA 22.2 No. 60950-00 3rd edition
- > European Union (TUVGS mark) to EN 60950 3rd Edition
- > FCC Class A, Part 15

Power Cord Options

- > PTCORD-1 IEC 60320/C19 - NEMA L6-20P , 10'
- > PTCORD-2 IEC 60320/C19 - Schuko 10'
- > PTCORD-3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10'
- > PTCORD-4 IEC 60320/C19 - BS1363 13A (UK) 10'
- > PTCORD-5 IEC 60320/C19 - 5-15P (15A Straight-Blade) 10'
- > PTCORD-6 IEC 60320/C19 - 5-20P (20A Straight-Blade) 10'
- > PTCORD-7 IEC 60320/C19 - L5-20P (20A Twist-Lock) 10'
- > PT-ADP-C19 Cable mount IEC 60320/C19 Connector

Accessories

- > Temperature & Humidity Probe Option
 - EMTH-1-1 Temperature & Humidity Probe, 10'