

Sentry Smart CDU

CS-24V5 240/415V 20/30A with Mixed Outlets

Key Features

- > **High Density:** Single Power Infeed, 3U horizontal mounting, with 18 IEC 60320 C13 and 6 IEC C19 outlets
- > **High Power Distribution:** 240/415V 3-Phase Wye 20A or 30A
- > **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 browser or serial screen.
- > **IP Access & Security:** Web interface, SSL, SSH, Telnet, SNMP, FTP, SNT, Syslog, LDAP, LDAPS, RADIUS, TACACS, RS-232 access
- > **Traps & Alerts:** Provide automated SNMP-based alarms and email alerts for power and environmental conditions
- > **Environmental Monitoring:** Each Smart CDU supports two temperature & humidity probes and reports conditions thru the Web interface
- > **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



High-Density Power Distribution

The Sentry CS-24H5 products provide both C13 and C19 outlets to support a variety of rack mounted equipment. Smart Cabinet Distribution Units (CDU) provide reliable 3-phase 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 give 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, and Power Capacity Used using the network interface. See the aggregate current draw, in Amps, locally using the onboard LED.



Temperature and Humidity

This 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.



Linking (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-24H53484A1 CL-24H53484A1*	240/415V 3-Phase Wye, 50/60HzHz	20A	IEC Red 6Hr 3P+N+G Plug, 10'(3m) Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	5.25 x 17.2 10.0 in. (133 x 337 x 254mm)
CS-24H54484A1 CL-24H54484A1*	240/415V 3-Phase Wye, 50/60HzHz	30A	IEC Red 6Hr 3P+N+G Plug, 10'(3m) Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	5.25 x 17.2 10.0 in. (133 x 337 x 254mm)
CS-24H5Z484A1 CL-24H5Z484A1*	240/415V 3-Phase Wye, 50/60HzHz	30A	NEMA L22-30P Plug, 10'(3m) Cord	(18) IEC 60320/C13 (6) IEC 60320/C19	5.25 x 17.2 10.0 in. (133 x 337 x 254mm)

*CL refers to the Expansion Module

Additional Features and Specifications

Agency Approvals

- > cTUVus – UL 60950-1-2003
- > CAN/CSA 22.2 No. 60950-1:2003
- > FCC Class A, Part 15
- > EMC-EN 55022 Class A, EN 55024

Communications and Security

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

Branch Circuit Protection

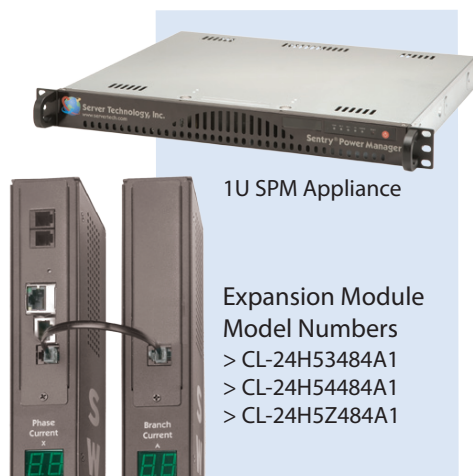
- > Compliant to UL 60950-1

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) Appliance:
 - 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



Rear View: Network, serial, and environmental ports.



Server Technology

HEADQUARTERS -
NORTH AMERICA
Server Technology, Inc.
1040 Sandhill Drive
Reno, NV 89521
United States
1.775.284.2000 Tel
1.775.284.2065 Fax
sales@servertech.com
www.servertech.com
www.servertechblog.com

EMEA
Server Technology Intl
Sienna Court
The Broadway
Maidenhead
Berkshire
SL6 1NJ
United Kingdom
+44 (0) 1628 509053 Tel
+44 (0) 1628 509100 Fax
salesint@servertech.com

APAC
Server Technology Intl
37th Floor, Singapore Land Tower
50 Raffles Place
Singapore 048623
+65 (0) 6829 7008 Tel
+65 (0) 6234 4574 Fax
salesint@servertech.com