

CS-2HD2C131Z1 (Primary)

CL-2HD2C131Z1 (Link)

The Server Technology® Smart PDU provides local LED input current monitoring, allowing IT personnel to determine safe levels of loading on a per-phase basis while installing equipment into the rack/cabinet. The power data points, along with temperature and humidity measurements (provided via optional probes), are accessible through the built-in Web and CLI interfaces as well as through SNMP. The Smart “Primary” PDU can be connected to a Smart “Link” PDU to extend the network access to the redundant or secondary power feed.

Key Features



Network Monitoring

Gain access to valuable data through connections including HTTP(S), SSH, Telnet, SNMP, (S)FTP, SMTP, Syslog, LDAP(S), RS-232 serial, and more.



Hot-Swap Network Card

Network access is ensured when power is lost to the Primary unit with backup power provided by the Linked unit.



Temperature/Humidity Monitoring

Primary and Expansion (select products) units each support two external 10' (3m) T/H probes. Receive SNMP-based alerts and email notifications.



IP Access, Security & Communications

Web, SSH, Telnet, SNMPv2c & v3, RS-232 serial, 10/100 Base T-Ethernet, LDAP(S), TACACS+, RADIUS, DHCP, & SMTP/email.



Auto-Flip Current Display

Easy-to-read LEDs display current per phase to help prevent overloads and simplify three-phase load balancing in high-density cabinets.

Inputs

Input Voltage (V):	208
Frequency	50/60 Hz
Input Plug:	NEMA L6-30P
Input Current (A):	30
Input Current Rated (A):	24
Input Power Capacity (kW):	10.0

Outputs

Connector	Rating
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Branch Circuit Protection

No Data Available

Physical

Dimensions: 1.75in tall x 17.0in wide x 7.0in deep [45mm x 432mm x 178mm]

Environmental

Operating Environment: 32°F to 104°F / 0°C to 40°C | 8%RH to 90%RH non-condensing | 6,500ft/2km elevation
Storage Environment: -40°F to 185°F / -40°C to 85°C | 8%RH to 90%RH non-condensing | 50,000ft/15km elevation
Quiescent / Unloaded Power Draw: < 10W for all configurations

Communications & Security

10/100 Mbps Ethernet (RJ-45 connector), RS-232 serial (RJ-45 connector)
Two (2) temperature/humidity sensor inputs (4P4C), Link port (RJ-12) - {also on Link PDU}
Web-browser GUI and command-line interface (CLI): HTTP/HTTPS, TLSv1.2, SSHv2, Telnet, SNMPv2c and v3 (GET, SET, Traps), IPv4 and IPv6, LDAPv3/LDAPS, TACACS+, RADIUS, FTP/SFTP

Certifications

North American:
Safety (Listed & Certified, cTUVus mark)
UL 62368-1
CSA C22.2 No. 62368-1
EMC
FCC Part 15 Subpart B Sections 15.107 & 15.109, Class A
CAN ICES-003, Class A

Measurement Accuracy

Input Measurement Accuracy:
LED Current = ± 10% at 0.1 amp (0.3 - 9.9 amps) and 1 amp (> 9.9 amps) resolution
GUI Current = ± 5% at 0.01 amp resolution (above 0.25 amp)

Optional Accessories

EMTH-2-10 Combination Temperature/Humidity Probe, 10ft (3m)

EMCU-1-1C Environmental Monitor adding:

- Two (2) EMTH-2-10 temperature/humidity ports (one probe included)
- One (1) EMWS-1-1 water sensor port (probe sold separately)
- Four (4) dry contact (NO/NC) monitoring points
- One (1) 8-bit analog-to-digital converter (0 to 5VDC)

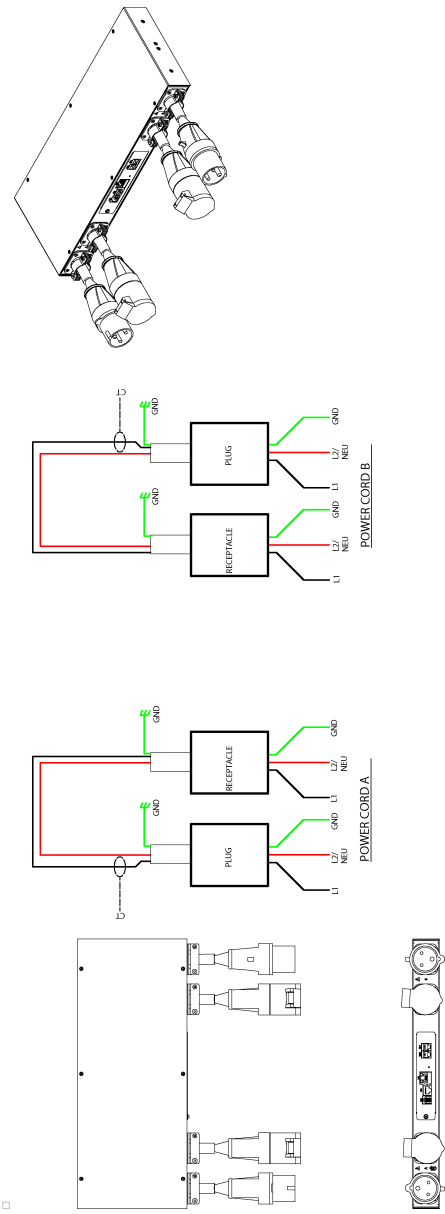
KIT-SUS-01 StartUp Stick™ for rapid configuration

- mounting brackets included
- See the Mounting Bracket Guide for further suggestions
- Custom mounting options available. Contact your local Server Technology representative

Cable Retention Devices for non-locking cords

- EZip
- Cable Sleeve

Drawings



Additional Information

Warranty: Server Technology offers a standard 2-year limited parts & labor warranty. Extended support is available at the time of purchase. See the Support Options on the website, or contact your local Server Technology representative for more information.

Patents: Information on Server Technology patents is available on the website at: www.servertech.com/products/patents

“Global” models are typically for use in countries outside of North America. Contact your Server Technology representative for more information about which models are appropriate for your application.

Information in this document is current as of time of publishing. Contact your Server Technology representative for the most up-to-date information. This datasheet was generated on: 14-Dec-2023

Interested in learning more about how Server Technology can help you manage and distribute power in your datacenter?
Visit us online at: www.servertech.com/products/

To contact an expert in your region, go to www.servertech.com/about-us/office-locations for more information.

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