CS-2HD4J131Z1 (Primary)

CL-2HD4J131Z1 (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.

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.

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

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):	400
Frequency	50/60 Hz
Input Plug:	230/400V Wye 16A IEC 60309 3P+N+PE 6Hr
Input Current (A):	16
Input Current Rated (A):	16
Input Power Capacity (kW):	22.0

Outputs

Connector	Rating

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

Global:
Safety
   EN IEC 62368-1 (TUVR certified, T-mark)
   IEC 62368-1 incl. regional, national and harmonized differences (IECEE CB scheme) EMC
EMC
   EN 55032 / CISPR 32
   EN 55035 / CISPR 35
   EN 61000-3-2 / IEC 61000-3-2
   EN 61000-3-3 / IEC 61000-3-3

CE Mark
   2011/65/EU (RoHS Directive)
   2014/35/EU (Low Voltage Directive)
   2014/30/EU (EMC Directive)
UKCA Mark
   RoHS
   Electrical Equipment (Safety)
   Electromagnetic Compatibility

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)

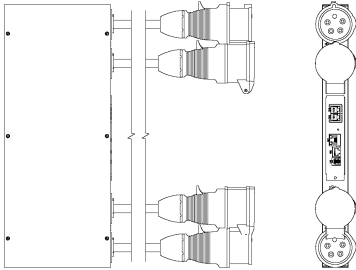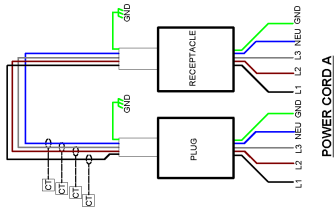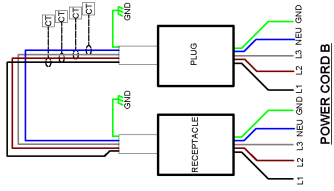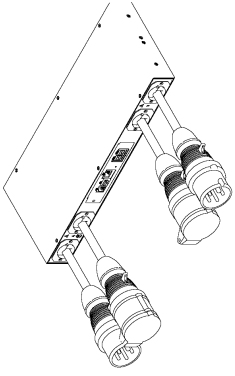KIT-SUS-01 StartUp Stick™ for rapid configurationMounting Brackets
- mounting brackets included
- See the Mounting Bracket Guide for further suggestions
- Custom mounting options available. Contact your local Server Technology representative
Cable Retention Devices for non-locking cords
- EZip
- Cable Sleeve

Drawings

POWER CORD B

PLUG
GND
L1 L2 L3 NEU GND
CT CT CT GND

RECEPTACLE
GND
L1 L2 L3 NEU GND

POWER CORD A

RECEPTACLE
GND
L1 L2 L3 NEU GND

PLUG
GND
L1 L2 L3 NEU GND
CT CT CT GND

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: 17-May-2024

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.