Server Technology
A brand of legrand

C3S36RL-0AJE29T4

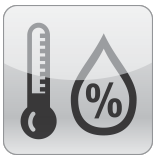
This all new Server Technology PRO3X Smart PDU features RamLock HDOT outlets running with a Raritan Xerus Technology state of the art network interface module. Server Technology's unique RamLock, a self-locking, elbow-catch mechanism to prevent accidental cord disconnects on standard network power cords. The PDU features HDOT outlets which are dedicated C13 outlets, while the other HDOT Cx outlets can be treated as either a C13 or C19 outlet. This innovative PDU combines input power and branch current monitoring with support for Raritan plug and play sensor types like temperature, humidity, water, dry contact closure, airflow, air pressure differential, and more.

Key Features

HDOT Cx
Cx is the future ready UL tested hybrid of the C13 and C19 outlets accommodating both C20 and C14 plugs.

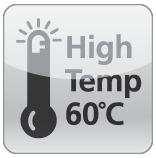
Multi Master Linking
Multi-Linking Max 16 PDUs can be daisy chained using a USB or Ethernet connection.

Hot-swap Controller
100% Field Replaceable while hot, no risk of short circuits, finger safe replacement in the unlikely event of an outage.



Environmental Monitoring
PRO3X units support a maximum of 12 daisy-chained Raritan DX2 sensor packages. Receive SNMP-based alerts and e-mail notifications

Branch Current Monitoring
Monitors current at each breaker branch and provides SNMP-based alerts and emails on high usage that risks a tripped circuit.



High Temperature Rating
This product has been tested and approved for safe and reliable operation in 60 °C data center environments.

Color Identification
Choose from six colors to designate circuits for rack PDUs in the data center. Color options include Blue, Red, Green, White, Yellow, and Black.

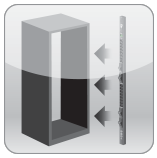
Network Monitoring
Gain access to valuable data through connections including HTTP(S), SSH, Telnet, SNMP, (S)FTP, SMTP, Syslog, LDAP(S), RS-232 serial, and more.

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

Ramlock Locking Outlets
Receptacles have high retention and are compatible with P-Lock type power cords.

Per-Inlet Power Sensing
Meets ANSI C12.1 for billing-grade accuracy of Current per phase. PIPS includes voltage, active power, apparent power, power factor, and energy.

Branch Circuit Protection
This PDU meets the UL and IEC 60950-1 requirement for branch circuit protection through use of UL489 rated magnetic-hydraulic circuit breakers or UL248 fuses.



Flexible Mounting
Includes standard button mounts along with provisions for custom mounting brackets (contact Server Technology for details).

Inputs

Input Voltage (V):	208
Frequency	50/60 Hz
Input Plug:	IEC C20 100-240V Inlet
Input Current (A):	20
Input Current Rated (A):	16
Input Power Capacity (kW):	3.3
Requires PTCORD-L1, -L2, -L3, -L4, -L5, -L6, or –L7	

Outputs

Connector	Rating
(18) x IEC 60320/C13	North American Rating: ≤ 12A @208V L-L (15A Peak) Global Rating: ≤ 10A @230V L-N
(18) x Cx	North American Rating: ≤ 16A @208V L-L (20A Peak) Global Rating: ≤ 16A @230V L-N

Branch Circuit Protection

UL489 Compliant 2-pole, 20A trip circuit breakers, two (2) branch, rating: ≤ 16A, 10 kAIC (North America) / (5 kAIC ROW) Interrupt Rating

Physical

Dimensions: 70.0in tall x 2.2in wide x 2.5in deep [1778mm x 56mm x 64mm]

Environmental

Operating Environment: 32°F to 140°F / 0°C to 60°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

Dual Ethernet, Two (2) 10/100/1000 Mbps (Cat5e/6 connector), Optional WiFi (802.11 a/b/g/n)
One (1) Sensor port (RJ45), One (1) Aux port (6P6C), One (1) Console/Modem port (RJ45), One (1) USB-A and One (1) USB-B
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:
cTUVus Mark to UL 60950-1:2007 R10.14
CAN/CSA-C22.2 No. 60950-1-07+A1:2011+A2:2014
FCC Part 15 Subpart B Sections 15.107 and 15.109, Class A

Global:
TUV T-Mark to EN 60950-1:2006+A11+A1+A12+A2
EMC to EN55024 (2010) and EN55032 (2012)
CE Compliant
RoHS, European Hazardous Materials Directive (Recast) 2011/65/EU
WEEE Compliant

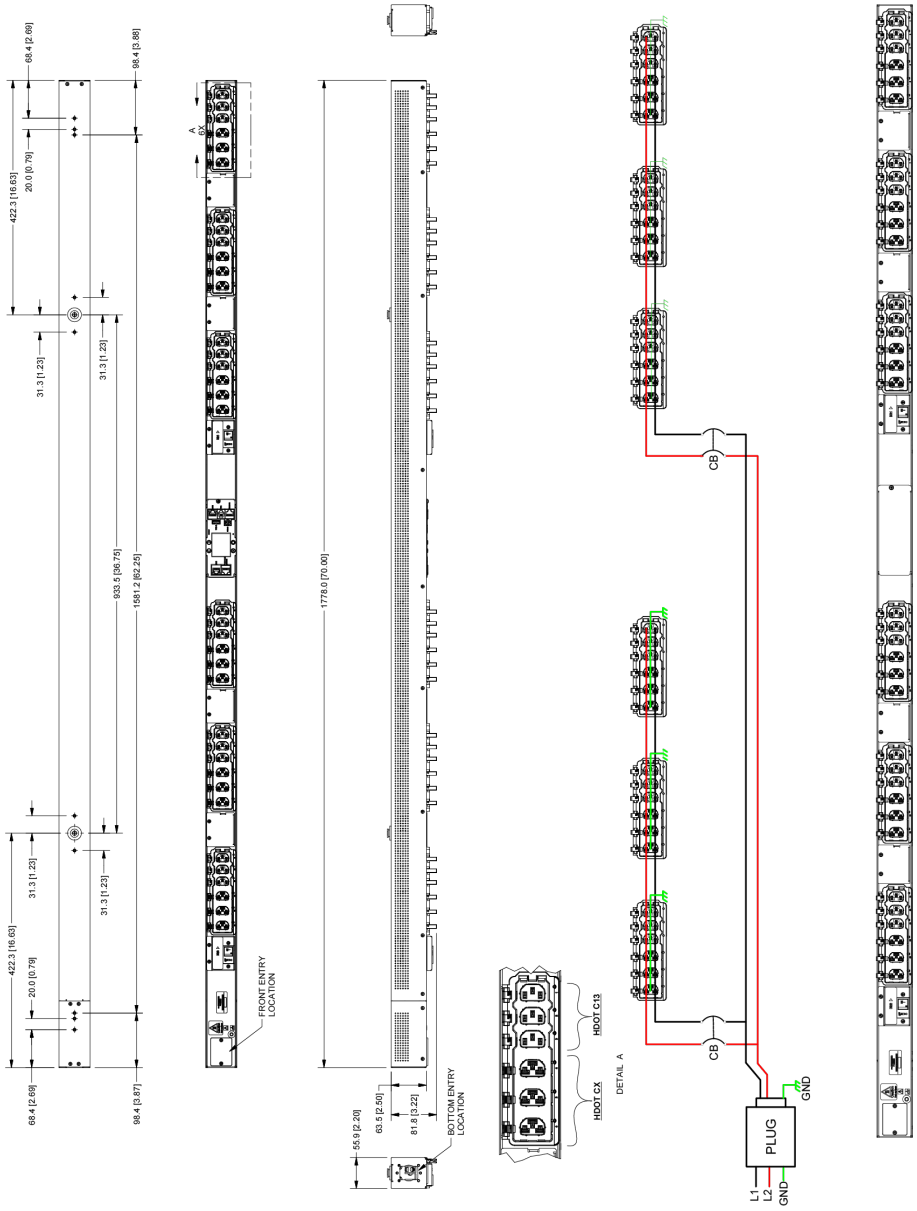
Measurement Accuracy

Input Measurement Accuracy:
LED Current = ± 10% at 0.1 amp (0.3 - 9.9 amps) and 1 amp (> 9.9 amps) resolution
GUI Current = ± 1% at 0.01 amp resolution (above 0.25 amp)
Voltage = ± 1% at 0.1 volt resolution (nominal ± 10%)
Active Power = ± 1% at 1 watt resolution
Apparent Power = ± 1% at 1 volt-amp resolution
Power Factor = ± 3% at 0.01 resolution
Crest Factor = ± 10% at 0.1 resolution
Energy = ± 1% at 0.1 kilowatt-hour resolution

Optional Accessories

Raritan SmartSensor: Temperature (DX2-T1), Temperature and Humidity (DX2-T1H1, DX2-T2H1, DX2-T2H2, DX2-T3H1), Dual Contact Closure (DX2-CC2), and Intelligent Door Sensor (DX2-DH2C2)
Buttons (KIT-0020) included for tool-less mounting (see diagram)
See the Mounting Bracket Guide for further suggestions

Drawings



NOTES:

1. DIMENSIONS ARE IN MILLIMETERS AND [ ] BRACKETS ARE IN INCHES.
2. DIMENSIONS ARE NOMINAL. INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE.

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: 9-Jun-2020

Interested in learning more about how Server Technology can help you manage and distribute power in your datacenter?
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