

C3S36RL-5CJE2MT2

This all new Server Technology PR03X 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.



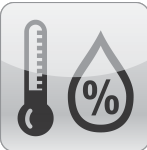
Multi Master Linking

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

PR03X 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):	415
Frequency	50/60 Hz
Input Plug:	NEMA L22-30P
Input Current (A):	30
Input Current Rated (A):	24
Input Power Capacity (kW):	17.3

Outputs

Connector	Rating
(18) x IEC 60320/C13	North American Rating: $\leq 12A$ @240V L-N (15A Peak)
(18) x Cx	North American Rating: $\leq 16A$ @240V L-N (20A Peak)

Branch Circuit Protection

UL489 Compliant 1-pole, 20A trip circuit breakers, six (6) branch, rating: $\leq 16A$, 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

Measurement Accuracy

Input Measurement Accuracy:

LED Current = $\pm 10\%$ at 0.1 amp (0.3 - 9.9 amps) and 1 amp (> 9.9 amps) resolution

GUI Current = $\pm 1\%$ at 0.01 amp resolution (above 0.25 amp)

Voltage = $\pm 1\%$ at 0.1 volt resolution (nominal $\pm 10\%$)

Active Power = $\pm 1\%$ at 1 watt resolution

Apparent Power = $\pm 1\%$ at 1 volt-amp resolution

Power Factor = $\pm 3\%$ at 0.01 resolution

Crest Factor = $\pm 10\%$ at 0.1 resolution

Energy = $\pm 1\%$ 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)

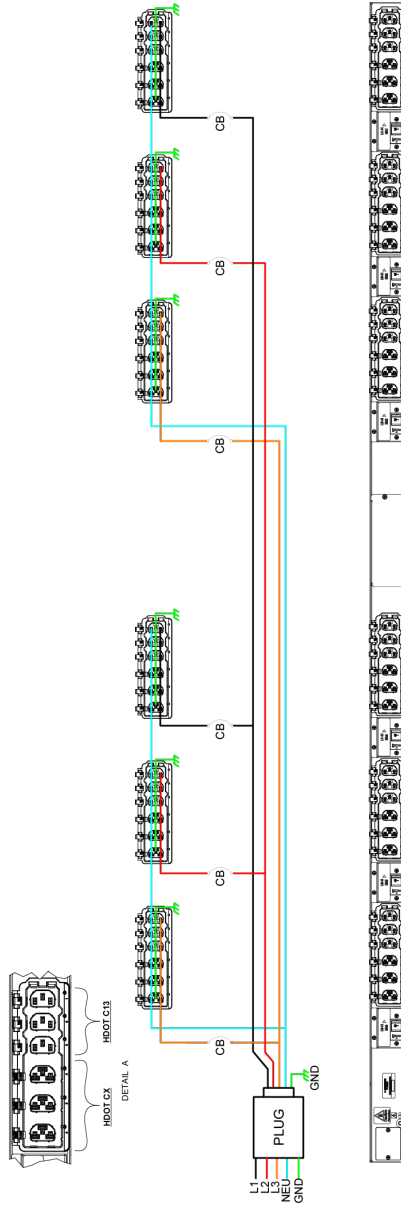
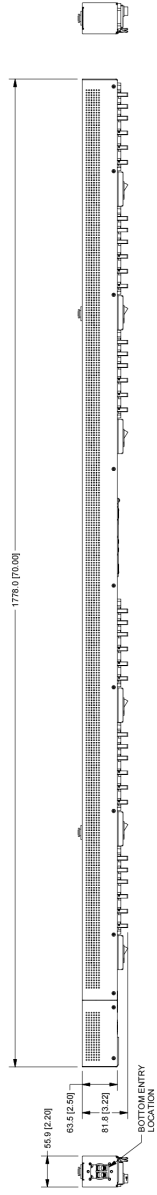
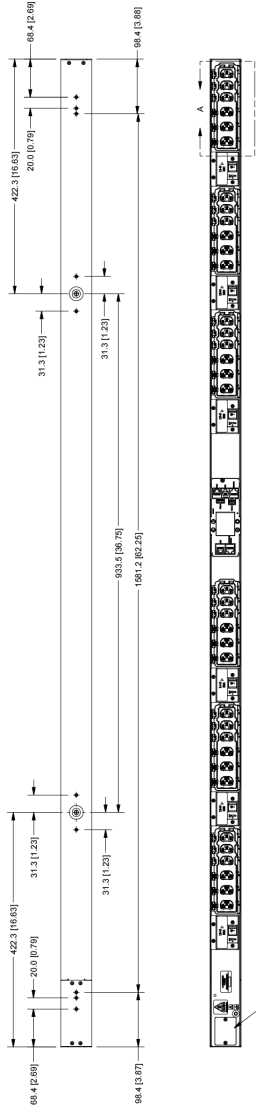
Buttons (KIT-0020) included for tool-less mounting (see diagram)

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: 21-Sep-2020

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/

North America Headquarters

1040 Sandhill Road
Reno, Nevada 89521
1-775-284-2000 Tel
1-800-835-1515 Toll Free
1-775-284-2065 Fax
sales@servertech.com
www.servertech.com
www.servertechblog.com

EMEA Region

4th Floor, 25-26 Lime
Street
London, EC3M 7HR
United Kingdom
+44 20 7090 1390 Tel
salesint@servertech.com

Singapore

17 Neythal Road
Singapore, 628582
Singapore
+65 6817 9017 Tel
salesint@servertech.com

India

210, Block B, Vipul Square
Sushant Lok 1
Gurgaon, Haryana 122002
India
+91 124 410 7881 Tel
+91 124 410 7880 Fax
salesint@servertech.com

**Server
Technology**[®]
A brand of  **legrand**

©2020 Server Technology, Inc. HDOT, PIPS, POPS, CDU, Sentry, Server Technology, Power Pivot, EZip, StartUp Stick and PRO2 are U.S. registered trademarks of Server Technology, Inc. All others are registered trademarks are trademarks of their respective owners. Information is subject to change without notice. Server Technology offers a wider range of products for North America and Global Markets; for more information visit www.servertech.com.