

Premium+

Compact PDU with RackLink™

More than power distribution, the Premium+ PDU with RackLink™ is the most advanced - yet simplest - to use IP control solution for Remote System Management in the industry

features:

- Compact form factor perfect for adding intelligence to digital signage applications
- Simple system setup with advanced capabilities
 - Save programming with integrated scheduling, variable timed sequencing, ping sequencing, auto healing, thresholds, and multiple notification options.
 - Easily connect to control and IT systems with universal compatibility through custom drivers, SNMP v3/MIB, RESTful API, and 3rd party integrations.
 - Configure one PDU or a thousand PDUs in a matter of moments with the ability to save your configuration files
 - Remotely update firmware without having to shut down the PDU, ensuring consistent system uptime
- Best-in-class monitoring, logging, and data reporting for remote system management with a user-friendly interface.
- Industry-leading network security and support of IT protocols for demanding end users
 - SSL/TLS Certificates
 - SSH
 - HTTPS
 - Self-signed certificates
- Compliant with AVIXA Energy Management Standard to support energy efficient AV system design, monitoring and optimization.



specifications:

Premium+ Compact PDU with RackLink™ Series power management products shall be Middle Atlantic Products model # RLNK-P4_(15, 20, refer to chart). Premium+ Compact PDU with RackLink™ power products shall be 1.75"H x 11.58"W x 7.82"D. Premium+ Compact PDU with RackLink™ shall have a ___ (15,20, refer to chart) amp power capacity. Premium+ Compact PDU with RackLink™ shall provide two-stage surge and spike protection. Premium+ Compact PDU with RackLink™ shall provide 4 individually controllable outlets. Premium+ Compact PDU with RackLink™ shall include a 9' power cord. Premium+ Compact PDU with RackLink™ shall monitor specific remote IP devices and services and shall automatically reboot an unresponsive network device and provide alerts via e-mail. Premium+ Compact PDU with RackLink™ shall allow local export of log files in CSV format, and shall allow log files to be extracted to 3rd party databases via IP. Premium+ Compact PDU with RackLink™ shall include an integrated web server for browser-based access and control. Premium+ Compact PDU with RackLink™ shall support the SNMP, SSL/TLS/SSH, SMTP, NTP, DDNS, Cloud, CLI TCIP/IP/USB RS-232, HTTPS, HTTP, HyperTerminal, and Telnet communication protocols. Premium+ Compact PDU with RackLink™ shall support up to 32 external sensors. Premium+ Compact PDU with RackLink™ shall be Wi-Fi capable. Premium+ Compact PDU with RackLink™ shall have an LCD Display. Premium+ Compact PDU with RackLink™ shall support the Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari (MAC) Google Chrome, Android, and iOS web browsers. Premium+ Compact PDU with RackLink™ shall utilize an open-architecture serial communications protocol that is cloud compliant without being cloud dependent, and provide an API for seamless integration into any IP based architecture. Premium+ Compact PDU with RackLink™ shall be fully compliant with any control system or aggregator. Premium+ Compact PDU with RackLink™ shall be constructed of phosphate pre-treated steel with a black powdercoat finish. Premium+ Compact PDU with RackLink™ shall be manufactured by an ISO 9001 and ISO 14001 registered company. Premium+ Compact PDU with RackLink™ shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years (refer to chart). Premium+ Compact PDU with RackLink™ shall be listed to UL standard 60950-1 in US and to CAN/CSA C22.2 #60950-1 in Canada and FCC Part 15, Class B.



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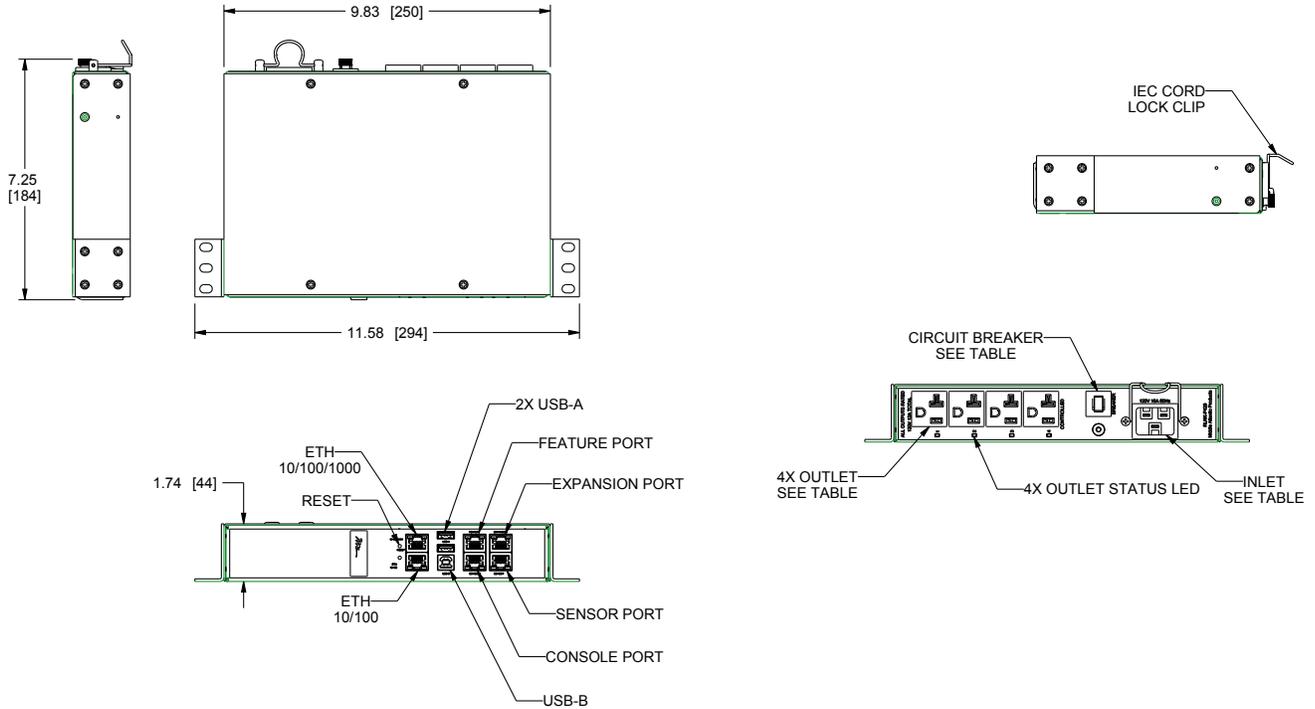
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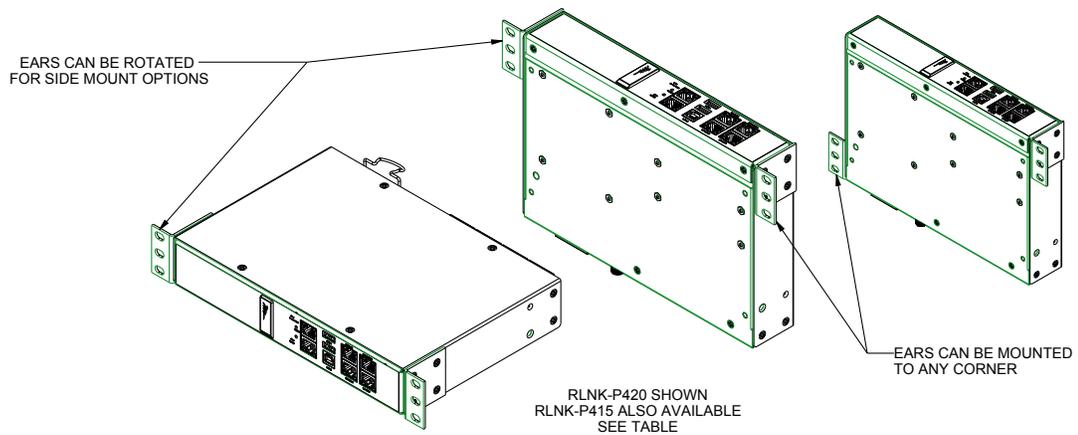
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Compact PDU RackLink™

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]



| MODEL NUMBER | INLET | OUTLET RATING | CIRCUIT BREAKER | SURGE PROTECTION | CORD LENGTH FT [M] |
|--------------|--------------------------|--------------------|--------------------|------------------|--------------------|
| RLNK-P415 | IEC C14, 15A, 120V, 60HZ | 12A, 120V AC, 60HZ | 15A, PUSH TO RESET | 2 STAGE | 6 [1.83] |
| RLNK-P420 | IEC C20, 20A, 120V, 60HZ | 16A, 120V AC, 60HZ | 20A, PUSH TO RESET | 2 STAGE | 6 [1.83] |



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| | | RLNK-P415 | RLNK-P420 |
|--------------------------|--|---|-------------------------|
| SUMMARY | Input Voltage | 80-140VAC 60/50Hz | |
| | Full Load Input Current at V AC | 120VAC 15A | 120VAC 20A |
| | # of Outlets | 4 | 4 |
| | Output Voltage Range | FIXED +/- 5% | FIXED +/- 5% |
| | Output MAX Current | 15A | 20A |
| | Output Contentious Current | 12A | 16A |
| | No Load Power Dissipation | < 1W | < 1W |
| | Connection Type | 9ft. 15A IEC power cord | 9ft. 20A IEC power cord |
| HARDWARE FEATURES | Surge Protection | Two-Stage MOV | Two-Stage MOV |
| | Peak Impulse Current (8/20uS waveform) | 30,000 Amps, one time - Maximum peak impulse current pulse as defined between line and neutral 19,500 Amps, two times within 5 minutes - Maximum multiple impulse current derated per spec | |
| | Protection Mode | Line to Neutral only; no ground contamination | |
| | Response Time | Less than 1 nanosecond | |
| | Surge Enginery Dissipation | 711 Joules (10 / 100 micro seconds) | |
| | EMI/RF Suppression | >20dB Calculated Line to Neutral - 100kHz to 1Mhz - based on nominal impedance | |
| | External Sensors connection | Up to 32 external sensors | |
| | Wi-Fi Capable | USB WiFi dongle | |
| SOFTWARE FEATURES | Communication | SNMP, SSL/TLS/SSH,SMTP,NTP,DDNS,Cloud,CLI TCIP/IP/USB RS-232, HTTPS, HTTP,HyperTerminal, Telnet | |
| | Discovery | Racklink Discovery Tool | |
| | LCD display | Yes | |
| | Network Security | Yes/Certificates | |
| | Control Functions | 8 individual controllable outlets | |
| | Data Monitoring | Data Logging/Metering | |
| | Supported Web Browser | Internet Explorer 11, Windows Edge, Firefox 25 and later, Safari(MAC) Google Chrome, Android, and iOS | |
| | Network Server Status | AutoPing monitoring | |
| GENERAL | Certifications | UL 60950-1 and CSA C22.2 No.60950-1, FCC Part 15, Class B | |
| | Dimensions (WxHxD) | 11.58x1.75x7.82 | |
| | Weight | 6.6lbs | |
| WARRANTY | Protection Mode | Standard Rack Mount or Vertical Power 3 years | |

For complete warranty information, refer to <http://www.middleatlantic.com/company/about-us.aspx#warranty>

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accessories:

RLNK-TEMP

- Monitors temperature and humidity in your AV system environment
- Daisy-chain up to 32 sensors for limitless design
- Monitor multiple components, multiple location monitoring in the enclosure or full ecosystem monitoring
- 13ft (4m) cable
- Range:
 - -25C to +75C
 - 0% RH to 100% RH
- Accuracy:
 - +/-1°C
 - +/-2.5% RH for 20%-60% @ 25°C



RLNK-TEMP

RLNK-CONT

- Connect equipment (door handles, alarms, fans, etc.) for control
- Daisy chain up to 32 modules for limitless design
- Two active dry contacts powered by 12V
- Five digital Normally Closed (NC) or Normally Open (NO) contact closures which require customer-provided NC or NO switches
- Each of the five ports (channels) can be independently set to NC or NO, factory default is NC



RLNK-CONT

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